Sheilla Paige - Re: State St

From: Sheilla Paige
To: Lawrence Schillinger
Date: 6/22/2011 1:57 PM
Subject: Re: State St
Attachments: Brandywine SSI&SVI Report.pdf

Larry,

Attached is the original report. I sent you the revised report last week (it did not contain the attachments).

-Sheilla

>>> Lawrence Schillinger <lschillinger@msn.com> 6/14/2011 9:32 AM >>>
Hi Shelia -

I am getting Jeff Winck at Northeast up to speed and he asked if there was more background data available than the mapping docs which we received from DEC. Also, client tells me that Precision Engineering is working on the adjacent property this a.m. -- are the working for DEC or the owner of the Popeye's property ? Thanks.

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CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

Supplemental Subsurface Investigation Report of Findings

Brandywine Avenue Plume Track Down
NYSDEC Spill No.: 9706794

Brandywine Avenue and State Street
City of Schenectady, Schenectady County, New York

Report Completed:
June 29, 2010

Prepared For:

MS. SHEILLA R. PAIGE
Environmental Engineer
New York State Department of Environmental Conservation
Division of Environmental Remediation; Region 4
1130 North Westcott Road
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Prepared By:

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1.0 Introduction

Precision Environmental Services, Inc. (PES), has prepared this report to document the findings of additional supplemental subsurface investigative work performed at Brandywine Avenue and State Street in the City of Schenectady, Schenectady County, NY (see Attachment A, Figures 1 and 2 for location detail). The work described within this report was initiated pursuant to a directive from the New York State Department of Environmental Conservation (NYSDEC) and is based on PES' April 29, 2009 Proposed Supplemental Subsurface Investigation Work Plan. Work tasks completed and documented within this report include ①-gauging and sampling of NYSDEC selected monitoring wells; ②- installation of seven (7) soil borings; ③- installation of seven (7) temporary groundwater monitoring wells; ④- acquisition of soil samples; ⑤- installation of twelve (12) soil vapor points; ⑥- development and sampling of newly installed groundwater monitoring wells; and ⑦- development and sampling of newly installed soil vapor points. All work performed was completed pursuant to NYSDEC prime contract number C100906.

1.1 Background

Please Note: *The following discussion is limited to PES' findings as they relate solely to the limits of the authorized scope of work. Specifically, information presented will address only those areas where PES performed subsurface investigative work (i.e. – installed soil boring locations) see Attachment A for detail.*

Previous investigative work completed in conjunction with the subject spill number by others has documented the existence of volatile organic compounds (VOCs) that are associated with solvents typically utilized for dry cleaning and petroleum related VOCs. Historical findings and conclusions have suggested that there were two suspected sources for the chlorinated-VOC (CVOCs) impacts observed as well as several potential sources for the petroleum related contaminants identified. The two chlorinated solvent related sources were a former Tuxedo Shop known as Marlou Formal Wear, which was located at 23 Brandywine Avenue at property that is currently occupied by Rite Aid, and Mid Towne Laundry, which is located at 1124 State Street. Several possible sources for petroleum impacts were noted. The most notable being a former gasoline service station and Muffler shop located at the northeast corner of the intersection of Brandywine Ave. and State Street and a Stewart's Shop located southwest of the focus area at 100 Brandywine Ave.

Previous investigative work completed by PES in June and July 2009 was designed to supplement the previously completed investigative work, obtain new data with respect to contaminant occurrence and concentration in soil and groundwater, provide for further delineation of the contaminant plume(s) and to further delineate the documented petroleum and chlorinated solvent impacts and investigate soil gas within the study area.

PES completed additional investigative efforts from March to May 2010. The results of this work have been detailed below.

1.2 Location Description

The focus area investigative efforts encompass is an entire block in the City of Schenectady, Schenectady County, New York. The location has been identified by Schenectady Real Property Tax Services as Section 049.50, Block 4. The area is bound by State Street to the north, Albany Street to the south, Kelton Avenue to the east and Brandywine Avenue to the west (see Attachment A, Figure 2 for detail). Figure 1, provided in Attachment A, is an annotated United States Geological Survey Map (USGS 1995) depicting location detail and local topography. In general, the land surfaces are covered with asphalt, gravel or consist of lawn area. The area of study is relatively

flat and possesses little surface relief. Localized land use consists of mixed residential and commercial. Existing aboveground structures include concrete block and brick commercial buildings and brick or wooden residential, single and multi-unit dwellings. Structures within the focus area are serviced by natural gas and municipally supplied water and sewer systems, however investigations at each individual property to identify petroleum or other chemical storage tanks and/or other potential environmental concerns were not completed as part of this investigation.

2.0 Subsurface Investigation

From March 15, 2010 to May 26, 2010, PES performed the supplemental subsurface investigation predominantly in the public right-of-way within the focus area and adjacent properties by gauging and sampling existing monitoring wells that have previously exhibited CVOC contaminants, installing additional soil borings at seven (7) locations, and installing soil vapor points at twelve (12) locations. The purpose of the soil borings is to provide for the acquisition of soil samples to be analyzed by qualified personnel to determine contaminant occurrence, concentration and migration, pedology and to facilitate the installation of temporary groundwater monitoring wells. Soil samples were collected at each boring location. Groundwater monitoring wells were installed at all seven (7) soil boring locations. Following installation, monitoring wells were developed and sampled. Soil vapor probes were installed to allow for the acquisition of soil vapor samples to be analyzed by qualified personnel, to determine the extent of soil vapor impacts from soil and/or groundwater contamination, and to determine the potential for human exposure from soil vapor intrusion into onsite buildings.

2.1 Groundwater Monitoring of Existing Wells

On March 15, 2010, a total of eleven (11) monitoring wells (MW-Q, MW-R, MW-S, MW-T, MW-W, MW-X, MW-Z, MW-AB, MW-AH, MW-AJ, and MW-AK) were selected by NYSDEC to determine the depth to groundwater and the presence of phase separated product. Depth to water *(gauging)* and the presence and/or thickness of light or dense non-aqueous phase liquid (LNAPL or DNAPL) were determined for each data point using a sonic interface probe. The instrument utilized is capable of distinguishing the air/liquid interface to an accuracy of 0.01 feet. Table 1 included in Attachment C summarizes the top of casing elevations, the depth to groundwater and the corresponding groundwater elevation for the March 2010 monitoring event. Depth to groundwater data was coupled with the acquired survey data to produce the Groundwater Elevation and Gradient Map included as Attachment A, Figure 3.

2.2 Existing Monitoring Well Sampling

On March 15, 2010, groundwater samples were collected from select existing monitoring wells (MW-Q, MW-R, MW-S, MW-T, MW-W, MW-X, MW-Z, MW-AB, MW-AH, MW-AJ, and MW-AK) using dedicated, disposable, polyethylene bailers or a peristaltic pump and dedicated, disposable polyethylene tubing. Samples were secured in laboratory-supplied glassware, placed on ice and submitted via chain-of-custody protocol to Adirondack Environmental Services, Inc. to be analyzed under direct contract with the NYSDEC for VOCs via EPA analytical method 8260.

2.3 Soil Boring Installation

Newly installed soil borings have been designated as SB-01 to SB-07 (See Attachment A, Figures 5 for relative locations). All soil borings were installed utilizing PES's limited access, direct push, 540B Geoprobe. Borings were

advanced to depth of 24-feet below grade in order to intersect the apparent water table, locate the suspected aquitard or to practical refusal. Continuous, discrete, core sampling was conducted at four (4)-foot intervals where possible during boring advancement. Upon collection, each sample was examined for pedologic classification and screened with a Photo Ionization Detector (PID) to qualitatively determine the presence and amount of VOCs. Details regarding pedologic classification and PID readings have been recorded on respective boring logs, which have been included as Attachment C, Table 3 as well as in Attachment B: Boring Logs. Screening involved sealing representative portions of the acquired sample in clean plastic bags, allowing for equilibration and scanning the headspace with the PID. Decontamination procedures were performed on all soil sampling equipment prior to and between each sample acquisition.

2.4 Soil Sample Acquisition

During the installation of the soil borings, PES obtained soil samples representative of affected soils and/or soils located at the water table interface. Select soil samples, which were discretely collected from the core samples, were secured in laboratory-supplied glassware, placed on ice and submitted via chain-of-custody protocol to Adirondack Environmental Services, Inc. to be analyzed under direct contract with the NYSDEC for VOCs via EPA analytical method 8260.

2.5 New Monitoring Well Installation

From March 30 to April 2, 2010, all seven (7) soil borings were converted into one-inch diameter, temporary, groundwater-monitoring wells. The monitoring wells (MWs) have been designated as MW-1001 to MW-1007 (See Attachment A, Figures for relative MW locations). The MWs have been constructed of schedule 40, PVC well screen and casing with flush threaded joints. Each MW was constructed such that the screened interval extends across the observed water table (refer to Attachment B: Boring Logs for well completion details). The annular space around the well screen was filled with #0 silica sand to approximately one (1) foot above the well screen. A bentonite seal was then placed above the sand to prevent the infiltration of surface water. The remaining annular space was filled with clean native material (based on PID screening) to an elevation equal to the existing grade. The seven (7) wells were completed with flush-to-grade, bolt down, watertight, traffic-rated road boxes.

2.6 New Monitoring Well Gauging and Surveying

On April 13, 2010, top of well casing elevations were surveyed to determine groundwater elevation and/or groundwater gradient in the subsurface. All elevation data acquired was relative to USGS Bench Mark 38WSM, 1952 (342' above sea level), which is located adjacent to Trustco Bank at the southwest corner of the intersection of Brandywine Avenue and State Street. Depth to water *(gauging)* and the presence and/or thickness of light or dense non-aqueous phase liquid (LNAPL or DNAPL) was also determined for each data point using a sonic interface probe. The instrument utilized is capable of distinguishing the air/liquid interface to an accuracy of 0.01 feet. Table 5 included in Attachment C summarizes the top of casing elevations, the depth to groundwater and the corresponding groundwater elevation for the April 2010 monitoring event. Depth to groundwater data was coupled with the acquired survey data to produce the Groundwater Elevation and Gradient Map included as Attachment A, Figure 3.

2.7 New Monitoring Well Sampling

On April 13, 2010, groundwater samples were collected from the newly installed monitoring wells using dedicated, disposable, polyethylene bailers or a peristaltic pump and dedicated, disposable polyethylene tubing.

Prior to sampling, each well was developed to promote the collection of a representative groundwater sample. Samples were secured in laboratory-supplied glassware, placed on ice and submitted via chain-of-custody protocol to Adirondack Environmental Services, Inc. to be analyzed under direct contract with the NYSDEC for VOCs via EPA analytical method 8260.

2.8 Soil Vapor Point Installation

From March 31 to April 2, 2010, twelve (12) soil vapor points were installed proximal to monitoring wells exhibiting CVOC contamination in collected groundwater samples. The soil vapor points (SVs) have been designated as SV-01 to SV-12 (See Attachment A, Figures for relative SV locations). The SVs have been constructed of six-inch, stainless steel, braided screen implant probes and 3/8-inch Teflon tubing. Each SV was constructed such that the implant probe is situated approximately one to two-feet above the water table (refer to Attachment B: Boring Logs for soil vapor point completion details). The annular space around the implant probe was filled with 60-100 mesh glass bead to approximately two-feet above the implant probe. A granular bentonite seal was then placed above the glass bead to surface grade to prevent outdoor air infiltration. The twelve (12) soil vapor points were completed with flush-to-grade, bolt down, watertight, traffic-rated road boxes.

2.9 Soil Vapor Sampling

On May 26, 2010, soil vapor points SV-01, SV-02, SV-03, SV-04, SV-05, SV-06, SV-07, SV-08, SV-09, SV-10, SV-11, and SV-12 were developed and sampled. Prior to collection of soil vapor samples, soil vapor implant probes were purged one to three implant volumes at a flow rate not to exceed 0.2 liters per minute to ensure an accurate sample is obtained from the vadose zone. At the time of purging, helium was utilized as a tracer gas to evaluate the integrity of the implant and bentonite seal to ensure ambient air is not short-circuiting the sampling zone. The tracer gas was administered utilizing a helium-enriched shroud employed over the implant in accordance with New York State Department of Health's *Guidance for Evaluating Soil Vapor Intrusion, October 2006*.

Purged air was monitored in real time utilizing a helium detector (model: MGD 2002) to verify probe integrity and a PID (model: ppbRAE Plus PGM-7240) to facilitate comparison of soil vapor headspace responses to ambient air readings.

Vapor samples were collected using laboratory supplied and certified clean, stainless steel, six-liter canisters with two-hour flow controllers and dedicated Teflon tubing. An ambient air and duplicate were simultaneously obtained along with soil vapor samples collected. A total of fourteen (14) vapor samples were collected on May 26, 2010. All sampling was completed in accordance with DOH guidance documents. Vapor samples were analyzed by an ELAP certified lab for VOCs using EPA Method TO-15. Where possible, a minimum reporting limit of 1 microgram per cubic meter ($\mu g/m^3$) was achieved for analytes.

3.0 Geologic/Hydrogeologic Findings

3.1 Regional Geology

The investigation area is located within the Hudson Mohawk Lowland Physiographic Province. The overburden soils in the surrounding area have been characterized as Lacustrine Delta, which is composed of generally well sorted, stratified course to fine gravel and sand (Cadwell et al, 1987). The bedrock geology identified

in the vicinity of the property is the Austin Glen Formation, which consists of graywacke and shale that is of Middle to Upper Ordovician origin (Fisher et al, 1970).

3.2 Local Geology

Subsurface soils were investigated by utilizing the soil borings as previously discussed. The depth of overburden exploration reached a maximum of 24-feet below grade. Soils encountered were generally composed of fine to course brown sand underlain by an apparent confining or low permeability layer of dense, dry, gray, silty sand with little clay (see Attachment B for soil boring details). Bedrock was not encountered during the investigation.

3.3 Surface Water

The nearest surface water body, Iroquois Lake, is located approximately 3,200-feet east relative to the focus area (see Attachment A, Figure 1 for detail).

3.4 Local Hydrogeology

Groundwater was encountered at approximately twelve to sixteen-feet below grade during the drilling work. The elevation data depicted in Figure 3 indicates that the local groundwater was flowing generally in a south-southwesterly direction at the time of the gauging events, which is consistent with historical flow direction.

4.0 Laboratory Analytical Testing Results

4.1 Existing Groundwater Monitoring Well Sampling Results

As Table 2 in Attachment C indicates, constituents of concern were detected above the standards established in the NYSDEC - *Division of Water Resources, Classes, and Quality Standards for Groundwater*, Chapter 10 of Title 6, Article 2, Part 703.5 in all eleven (11) monitoring wells sampled on March 15, 2010. Petroleum–related VOCs were detected in monitoring well MW-AK. Groundwater samples collected from monitoring wells MW-Q, MW-R, MW-S, MW-T, MW-W, MW-X, MW-Z, MW-AB, MW-AH, MW-AJ, and MW-AK contained VOCs that are associated with chlorinated solvents; specifically tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2- & trans-Dichloroethene (DCE).

The total distribution of chlorinated solvent VOCs within the groundwater for the March 2010 groundwater sampling event is depicted in Attachment A, Figure 4. The analytical reports for the submitted groundwater samples have been included in Attachment D: Groundwater Laboratory Analytical Report, March 15, 2010.

4.2 Soil Sampling Results

As Table 4 in Attachment C indicates, no constituents of concern were detected above the laboratory's minimum detection limits in submitted soil samples from the respective soil borings; therefore, soil samples collected did not contained VOCs at concentrations above the recommended guidance values established in NYSDEC Regulation 6 NYCRR Subpart 375; Unrestricted Use Soil Cleanup Objectives (Part 375).

Concentrations of chlorinated VOCs have been presented in Attachment A, Figures 5. A copy of the laboratory's analytical report for the submitted soil samples has been included in Attachment E: Soil Laboratory Analytical Report, March 30 to April 2, 2010.

4.3 New Monitoring Well Groundwater Sampling Results

As Table 6 in Attachment C indicates, constituents of concern were detected at or above the standards established in the NYSDEC - *Division of Water Resources, Classes, and Quality Standards for Groundwater*, Chapter 10 of Title 6, Article 2, Part 703.5 in five (5) of the seven (7) monitoring wells sampled on April 13, 2010. Groundwater samples collected from monitoring wells MW-1002 and MW-1004 contained VOCs that are associated with chlorinated solvents; specifically PCE.

Methylene Chloride was identified in the groundwater samples collected from monitoring wells MW-1005, MW-1006, and MW-1007; however, the results were flagged and qualified by the laboratory, as this particular compound was also identified in corresponding method blank.

Results for groundwater samples collected on April 13, 2010 for monitoring wells MW-1001 and MW-1003 were reported as containing no constituents of concern detected above the laboratory minimum detection limit.

The total distribution of CVOCs within the groundwater for the April 2010 sampling event is depicted in Attachment A, Figure 4. The analytical report for the submitted groundwater samples has been included in Attachment F: Groundwater Laboratory Analytical Report, April 13, 2010.

4.4 Soil Vapor Sampling Results

Spectrum Analytical, Inc. of Agawam, Massachusetts provided the sampling media and performed the analysis on the samples. Soil vapor samples were analyzed for CVOCs and VOCs by EPA Method TO-15, which is capable of achieving a detection limit down to 1.0 µg/m^3 for most analytes. The original laboratory report for the air samples has been provided in Attachment G: Soil Vapor Laboratory Analytical Report, May 26, 2010.

As indicated on Table 8, several VOC and target CVOC compounds were detected in all fourteen (14) soil vapor samples above the laboratory minimum reporting limits. PCE (tetrachloroethene) was detected in all soil vapor samples at concentrations ranging from 23.1 µg/m^3 (SV-05) to 46,179.9 µg/m^3 (SV-01). PCE concentrations reported in the Ambient Air sample was 3.2 µg/m^3.

TCE (trichloroethene) was detected in twelve (12) out of fourteen (14) soil vapor samples (SV-01, SV-02, SV-03, SV-04, SV-05, SV-06, SV-07, SV-08, SV-09, SV-10, SV-12, and Dupe) at concentrations ranging from 3.3 µg/m^3 (SV-08) to 1,945.5 µg/m^3 (SV-10). TCE concentrations reported in the Ambient Air sample were non-detect as well as in soil vapor sample SV-11.

DCE (cis-1,2-dichloroethene) was detected in eight (8) out of fourteen (14) soil vapor samples (SV-01, SV-02, SV-03, SV-05, SV-09, SV-10, SV-12, and Dupe) at concentrations ranging from 1.1 µg/m3 (SV-09) to 3,033.4 µg/m3 (SV-10). Cis-1,2-Dichloroethene was the only component form of DCE reported during the May 26, 2010 soil vapor sampling event. DCE concentrations reported in the Ambient Air sample were non-detect as well as in soil vapor samples SV-04, SV-06, SV-07, and SV-11. See Table 8 – Summary of Soil Vapor Analytical Results for details regarding soil vapor sampling results.

The total distribution of chlorinated solvent VOCs within the soil vapor regime for the May 26, 2010 sampling event is depicted in Attachment A, Figure 6. The analytical report for the submitted soil vapor samples has been included in Attachment G: Soil Vapor Laboratory Analytical Report, May 26, 2010.

5.0 Conclusions

As directed and as approved by the NYSDEC, eleven (11) existing groundwater monitoring wells were gauged and sampled to verify occurrence of CVOCs in the groundwater regime, seven (7) soil borings, seven (7) temporary groundwater-monitoring wells, and twelve (12) soil vapor points were installed to varying depths to further investigate the subsurface and delineate the previously documented CVOC impacts. Soil screening and sampling took place during boring installation procedures. Select soil samples were submitted for laboratory analysis. The results of the March 30 to April 2, 2010 soil boring installation procedures and soil sampling indicate that chlorinated solvent and petroleum related VOCs are not present in soils proximal to newly installed soil borings.

Subsequent to their installation, newly installed groundwater monitoring wells were gauged and sampled. The results of the well monitoring event indicate that the water table resides at approximately 12 to 16-feet beneath grade and that the general flow is to the south-southwest. Results of groundwater sampling indicates elevated levels of CVOCs remain at the focus area in a similar pattern to that which was previously documented.

Soil and groundwater sample results from borings and monitoring wells installed immediately adjacent to and down gradient of the two previously identified, suspect source properties for the chlorinated solvent impacts at the focus area provide further indication that these two properties are the source for the observed impacts. As depicted on the Attached Figure 4, two distinct chlorinated solvent (PCE, TCE and DCE) plumes have been identified immediately down gradient of property previously identified as Marlou's Formal Wear (#14 Brandywine Avenue) and existing property occupied by Mid Towne Laundry (#1124 State Street), both of which historically performed dry cleaning services on their respective premises.

In an initial attempt to determine/assess levels of CVOCs in soil vapor PES installed twelve (12) soil vapor collection points adjacent to previously installed soil borings/groundwater monitoring wells, where localized pedology and contaminant characteristics within soil and groundwater were already documented. Following installation, soil gas samples were collected and analyzed for VOCs via EPA Method TO-15. The results of the soil gas sampling performed indicate significant levels of CVOCs, including PCE, TCE, and DCE, reside within the soil vapor beneath the focus area and surrounding properties.

New York State currently does not have any standards, criteria, or guidance values associated with concentrations of VOCs in soil vapor. Collection of soil vapor samples are utilized as a guide to determine where to collect indoor, subslab, and outdoor samples as part of a focused soil vapor intrusion assessment. Based on concentrations of CVOCs documented in soil vapor samples collected as part of this investigation and the known pedology, which consists predominantly of well sorted and, what is likely, highly permeable fine to coarse sand, there exists a high probability for soil vapor to intrude within buildings/structures residing above and/or adjacent to the two (2) documented CVOC plumes within and adjacent to the focus area.

6.0 Recommendations

Based on the results of the investigation work documented herein and historical data reviewed, PES recommends the following:

1. Performance of an area wide vapor intrusion study specifically including indoor and subslab vapor sampling of occupied structures located within and adjacent to the focus area. Consideration should be given to sampling structures on the fringes of the documented plumes where initial soil vapor suggests low levels of CVOCs exist, as soil vapor samples alone should not be relied on to rule out the possibility of soil vapor intrusion into occupied buildings. Various factors, including moisture content of soils, pressure gradients, and subsurface utilities/structures, can affect movement and accumulation of contaminants within soil vapor. Contaminant occurrence in soil vapors often will not mimic or exhibit characteristics of a typical 'groundwater-like' plume.

2. Installation of additional soil borings and groundwater monitoring wells located down gradient of newly installed MW-1002. Additional assessment is needed to complete delineation of the plume and to allow for comprehensive monitoring with respect to concentrations of CVOCs in groundwater and soil vapor.

3. At a minimum, PES recommends performing quarterly groundwater monitoring to track trends and contaminant fluctuations over time as well as natural attenuation.

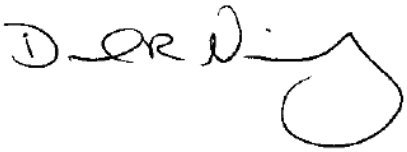
7.0 Disclaimer

Any statement or opinion contained in this Report prepared by Precision Environmental Services, Inc. (PES) shall not be construed to create any warranty or representation that the real or personal property on which the investigation was conducted is free of pollution or complies with any or all applicable regulatory or statutory requirements, or that the property is fit for any particular purpose. Unless otherwise indicated in this Report, PES did not independently determine the compliance of present or past owners of the site with federal, state or local laws and regulations. The conclusions presented in this Report were based upon the services described, within the time and budgetary constraints imposed by the client, and not on scientific tasks or procedures beyond the scope of those described services. PES shall not be responsible for conditions or consequences arising from any facts that were concealed, withheld or not fully disclosed by any person at the time the evaluation was performed.

Any person or entity considering the acquisition, use or other involvement or activity concerning the property that is the subject of this Report shall be solely responsible for determining the adequacy of the property for any and all such purposes. The person or entity should enter into any such acquisition or use relying solely on its own judgment and personal investigation of the property, and not upon reliance of any representation by PES regarding the property or the character, quality or value thereof.

Should you have any questions regarding the above report, please feel free to contact the undersigned at 518-885-4399.

Sincerely;
PRECISION ENVIRONMENTAL SERVICES, INC.



Stephen M. Phelps
Project Manager

Daniel R. Nierenberg
Geologist

Enclosures:

- Attachment A: Figures 1-6
- Attachment B: Boring Logs
- Attachment C: Summary Tables 1-8
- Attachment D: Groundwater Laboratory Analytical Report, March 15, 2010
- Attachment E: Soil Laboratory Analytical Report, March 30 to April 2, 2010
- Attachment F: Groundwater Laboratory Analytical Report, April 13, 2010
- Attachment G: Soil Vapor Laboratory Analytical Report, May 26, 2010

Attachment A:
Figures

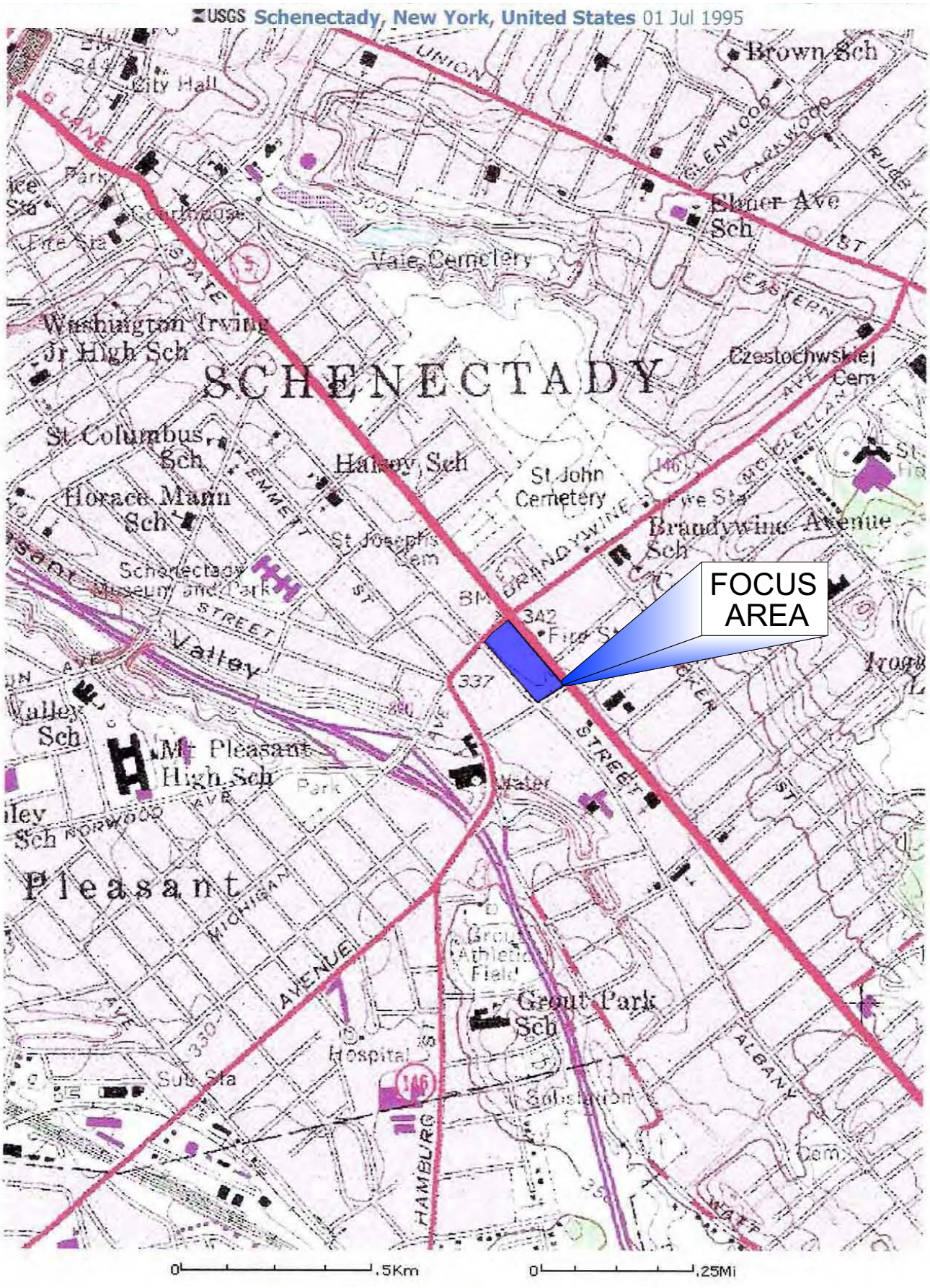


IMAGE COURTESY OF THE U.S. GEOLOGICAL SURVEY

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CERTIFIED WBE

BRANDYWINE AVENUE PLUME TRACK DOWN

FOCUS AREA LOCATION DETAIL

Location: Brandywine & Albany Ave.'s & State St., Schenectady, NY

Project No.: NYSDEC Site No.: 4-47-040 | **Scale:** As Shown

Date: February 19, 2010 | **Figure:** 1

PRECISION ENVIRONMENTAL SERVICES, INC.
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FOCUS AREA PLAN

BRANDYWINE AVE. PLUME TRACK DOWN

PROJECT #: NYSDEC SITE NO.: 4-47-040

LOCATION: SCHENECTADY, NY

DATE: 6-29-2010	**REVISED BY:** DRN
FIGURE: 2	**SCALE:** AS SHOWN

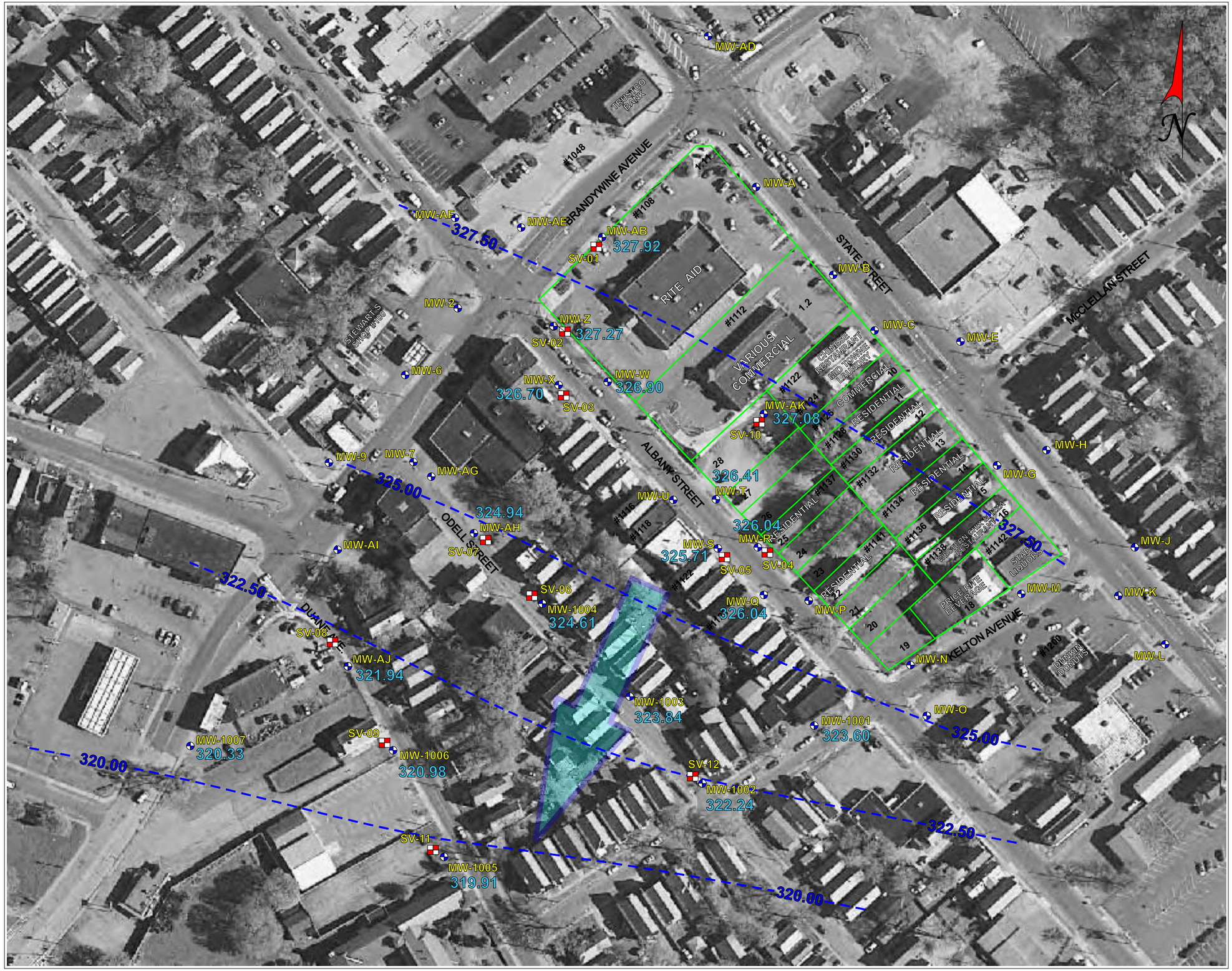
LEGEND

- MW-J — GROUNDWATER MONITORING WELL
- SV-1 — SOIL VAPOR PROBE
- FOCUS AREA BOUNDARY
- APPROXIMATE LOT BOUNDARY

0 100 200
Feet

NOTES:

- 2007 AERIAL IMAGERY PROVIDED COURTESY OF NEW YORK STATE GIS CLEARING HOUSE
- TAX MAP PROVIDED BY SCHENECTADY COUNTY REAL PROPERTY



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CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

GROUNDWATER ELEVATION AND GRADIENT MAP

BRANDYWINE AVE. PLUME TRACK DOWN

PROJECT #: NYSDEC SITE NO.: 4-47-040

LOCATION: SCHENECTADY, NY

DATE: 4-13-2010	**REVISED BY:** DRN
FIGURE: 2	**SCALE:** AS SHOWN

LEGEND

- MW-J — GROUNDWATER MONITORING WELL
- SV-1 — SOIL VAPOR PROBE
- 327.23 — GROUNDWATER ELEVATION
- INFERRED GROUNDWATER CONTOUR
- GROUNDWATER FLOW DIRECTION

0 100 200
Feet

NOTES:

- GROUNDWATER GAUGING RESULTS FROM 3-15-2010 AND 4-13-2010 HAVE BEEN COMBINED IN THIS GRAPHIC ILLUSTRATION
- 2007 AERIAL IMAGERY PROVIDED COURTESY OF NEW YORK STATE GIS CLEARING HOUSE
- TAX MAP PROVIDED BY SCHENECTADY COUNTY REAL PROPERTY

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GROUNDWATER CONTAMINANT DISTRIBUTION MAP

BRANDYWINE AVE. PLUME TRACK DOWN

PROJECT #: NYSDEC SITE NO.: 4-47-040

LOCATION: SCHENECTADY, NY

DATE: 4-13-2010	**REVISED BY:** DRN
FIGURE: 4	**SCALE:** AS SHOWN

LEGEND

- MW-J — GROUNDWATER MONITORING WELL
- SV-1 — SOIL VAPOR PROBE
- ND — NON DETECT
- CHLORINATED SOLVENT PLUME (TOTAL PCE, TCE & DCE) DASHED WHERE INFERRED
  - 5 PPB
  - 50 PPB
- 29 TOTAL PCE / ND TOTAL TCE / ND TOTAL DCE — CONCENTRATIONS REPORTED IN PPB

0 100 200
Feet

NOTES:

- GROUNDWATER SAMPLING RESULTS FROM 3-15-2010 AND 4-13-2010 HAVE BEEN COMBINED IN THIS GRAPHIC ILLUSTRATION
- MW-05, MW-06, AND MW-07 LABORATORY ANALYTICAL REPORTED METHYLENE CHLORIDE, A PROBABLE LABORATORY ARTIFACT. THESE CONCENTRATIONS ARE NOT INCLUDED AS PART OF THE DEPICTED PLUME.
- 2007 AERIAL IMAGERY PROVIDED COURTESY OF NEW YORK STATE GIS CLEARING HOUSE
- TAX MAP PROVIDED BY SCHENECTADY COUNTY REAL PROPERTY

PRECISION ENVIRONMENTAL SERVICES, INC.

831 RT. 67,LOT 28
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416

CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

SOIL CONTAMINANT DISTRIBUTION MAP

BRANDYWINE AVE. PLUME TRACK DOWN

PROJECT #: NYSDEC SITE NO.: 4-47-040

LOCATION: SCHENECTADY, NY

DATE: 3-30 TO 4-2-2010	**REVISED BY:** DRN
FIGURE: 5	**SCALE:** AS SHOWN

LEGEND

- MW-J — GROUNDWATER MONITORING WELL
- SV-1 — SOIL VAPOR PROBE
- ND — NON DETECT

0 100 200
Feet

NOTES:

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- TAX MAP PROVIDED BY SCHENECTADY COUNTY REAL PROPERTY

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CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

SOIL VAPOR CONTAMINANT DISTRIBUTION MAP

BRANDYWINE AVE. PLUME TRACK DOWN

PROJECT #: NYSDEC SITE NO.: 4-47-040

LOCATION: SCHENECTADY, NY

DATE: 5-26-2010	**REVISED BY:** DRN
FIGURE: 6	**SCALE:** AS SHOWN

LEGEND

- MW-J — GROUNDWATER MONITORING WELL
- SV-1 — SOIL VAPOR PROBE
- UPGRADIENT AMBIENT AIR SAMPLE
- ND — NON DETECT
- 29 — TOTAL PCE
- ND — TOTAL TCE
- ND — TOTAL DCE

} CONCENTRATIONS REPORTED IN PPB

0 100 200
Feet

NOTES:

- 2007 AERIAL IMAGERY PROVIDED COURTESY OF NEW YORK STATE GIS CLEARING HOUSE
- TAX MAP PROVIDED BY SCHENECTADY COUNTY REAL PROPERTY

Attachment B:
Boring Logs

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DRILLING LOG

Well/ Boring No. SB-01/MW-1001

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4

Site No: 4-47-040 Location: Schenectady, NY

Driller: Mike Dudley Logged by: Dan Nierenberg

Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push

Date Drilled: 3/30/2010 Date Developed: 4/13/2010

TOC Elevation: 338.53' Total Depth of Hole: 24'

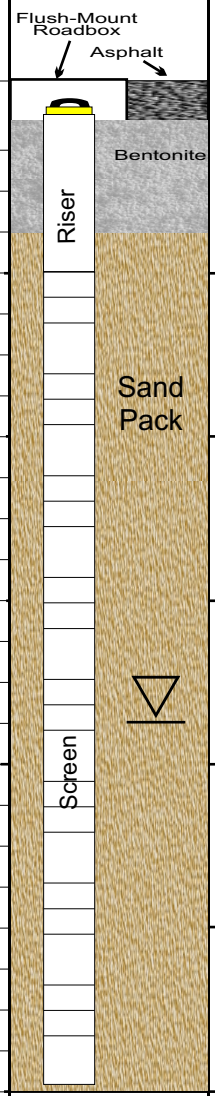
Boring Diameter: 2.25" Screen Diameter: 1" Length: 24' - 4'

Slot Size: 0.010 Riser Diameter: 1" Length: 4' - G

Type: SB/MW Sand Pack: 24' - 3' Bentonite Seal: 3' - G

Protective Casing: Road Box

See Site Map



Depth (ft.)	Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
0 (Grade) – 3	50% Recov.		ND ND	0-2': asphalt; changing to brown coarse/medium/fine SAND, poorly sorted, with increasing coarse SAND content with depth 2-4': brown coarse/medium/fine SAND, poorly sorted, with coarse/ medium SAND at depth
4 – 8	50% Recov.		12 17	4-6': brown medium/fine/coarse SAND, poorly sorted 6-8': brown medium/fine/coarse SAND, poorly sorted
8 – 12	50% Recov.		14 9	8-10': brown to dark brown coarse/medium SAND, poorly sorted, moist 10-12': dark brown/brown coarse SAND, some medium SAND mixed, poorly sorted, moist
12 – 16	50% Recov.		14 12	12-14': brown coarse/medium SAND, well sorted, moist 14-16': brown coarse/medium SAND, well sorted, moist; wet, saturated at 15.5 to 16'
16 – 20	75% Recov.		40 21	(Slough 15', drove core to 20') 16-18': brown medium/fine SAND, some coarse SAND mixed, poorly sorted, wet, saturated; changing to brown coarse/medium SAND, poorly sorted, wet, saturated 18-20': brown coarse/medium SAND, poorly sorted, wet, saturated
20 – 24	100% Recov.	*	42 7	(Slough @ 15', drove core to 24') 20-22': brown medium/coarse SAND, poorly sorted, wet, saturated 22-24': brown medium/coarse SAND, poorly sorted; changing to brown/grey fine SAND at 22.5 to 24'
24 – 29				**SB-01** COMPLETED AT 24' MONITORING WELL **MW-01** INSTALLED AMBIENT AIR READING = 0 ppb COLLECTED SOIL SAMPLE SB-01 (20-22') FOR ANALYSIS EPA 8260

ND = No VOCs Detected By PID analysis

* = Sample Submitted for Laboratory Analysis

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Ballston Spa, NY 12020
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DRILLING LOG

Well/ Boring No. SB-02/MW-1002

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4

Site No: 4-47-040 Location: Schenectady, NY

Driller: Mike Dudley Logged by: Dan Nierenberg

Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push

Date Drilled: 3/30/2010 Date Developed: 4/13/2010

TOC Elevation: 343.19' Total Depth of Hole: 24'

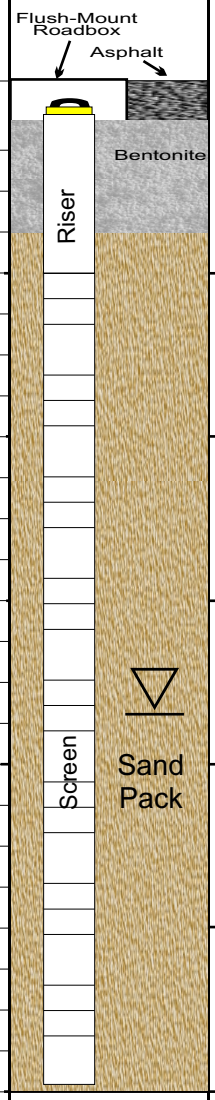
Boring Diameter: 2.25" Screen Diameter: 1" Length: 24' - 4'

Slot Size: 0.010 Riser Diameter: 1" Length: 4' - G

Type: SB/MW Sand Pack: 24' - 3' Bentonite Seal: 3' - G

Protective Casing: Road Box

See Site Map



Depth (ft.)	Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
0 (Grade)				
1	75% Recov.		36	0-2': brown coarse/medium/fine SAND, poorly sorted
2				
3			13	2-4': brown coarse/medium/fine SAND, poorly sorted
4				
5	50% Recov.		13	4-6': brown medium/fine/coarse SAND, poorly sorted
6				
7			44	6-8': brown medium/fine/coarse SAND, poorly sorted
8				
9	75% Recov.		17	8-10': brown coarse/medium SAND, with few fine GRAVEL mixed
10				
11			68	10-12': brown coarse SAND, with some medium SAND mixed, well sorted, moist
12				
13	75% Recov.		44	12-14': brown coarse/medium SAND, well sorted, moist
14				
15			29	14-16': brown coarse/medium SAND, well sorted, moist, wet, saturated at 15 to 16'
16				
17	75% Recov.	*		(Slough 15', drove core to 20')
18			207	16-18': brown medium/fine SAND, with some coarse SAND mixed, poorly sorted, wet, saturated
19				
20			69	18-20': brown coarse/medium SAND, poorly sorted, wet, saturated
21	100% Recov.			(Slough @ 15', drove core to 24')
22			147	20-22': brown medium/coarse SAND, poorly sorted, wet, saturated
23				
24			43	22-24': grey fine SAND with SILT, with some medium SAND, mixed wet, saturated
25				**SB-02** COMPLETED AT 24'
26				MONITORING WELL **MW-02** INSTALLED
27				AMBIENT AIR READING = 0 ppb
28				COLLECTED SOIL SAMPLE SB-02 (16-18') FOR ANALYSIS EPA 8260
29				ND = No VOCs Detected By PID analysis
				* = Sample Submitted for Laboratory Analysis

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DRILLING LOG

Well/ Boring No. SB-03/MW-1003

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4

Site No: 4-47-040 Location: Schenectady, NY

Driller: Mike Dudley Logged by: Dan Nierenberg

Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push

Date Drilled: 3/30/2010 Date Developed: 4/13/2010

TOC Elevation: 339.17' Total Depth of Hole: 24'

Boring Diameter: 2.25" Screen Diameter: 1" Length: 24' - 4'

Slot Size: 0.010 Riser Diameter: 1" Length: 4' - G

Type: SB/MW Sand Pack: 24' - 3' Bentonite Seal: 3' - G

Protective Casing: Road Box

See Site Map

Depth (ft.)	Well Construction	Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
0 (Grade)	Flush-Mount Roadbox; Grass Area	50% Recov.		124	0-2': asphalt; changing to borwn/tan medium/coarse/fine SAND, poorly sorted, moist
1	Bentonite			102	2-4': brown/tan medium/fine/coarse SAND, poorly sorted, moist
2					
3	Riser				
4		75% Recov.		77	4-6': brown/tan medium/coarse/fine SAND, poorly sorted
5				86	6-8': brown coarse SAND, well sorted, moist
6					
7					
8		50% Recov.		104	8-10': brown coarse/medium SAND, well sorted, moist, with few fine GRAVEL mixed
9				93	10-12': brown to light brown medium SAND, well sorted, moist
10	Sand Pack				
11					
12		50% Recov.		106	12-14': brown medium SAND, with some coarse SAND mixed, well sorted, wet, moist
13				159	14-16': brown coarse/medium/SAND, with some fine SAND mixed, poorly sorted
14					
15					
16	Screen	50% Recov.	*	104	(Slough 15', drove core to 20') 16-18': brown/dark brown coarse/medium/fine SAND, poorly sorted, wet, saturated at 16.5'
17				189	18-20': brown/dark brown coarse/medium/fine SAND, poorly sorted, wet, saturated; changing to tan/grey at 19-20'
18					
19					
20		100% Recov.		157	20-22': brown medium/coarse/fine SAND, poorly sorted, wet, saturated
21				85	22-24': dark brown to brown medium/coarse/fine SAND, poorly sorted, wet, saturated; changing to grey/brown fine SAND, with some medium SAND mixed, tight at 23.5 to 24'
22					
23					
24					**SB-03** COMPLETED AT 24'
25					MONITORING WELL **MW-03** INSTALLED
26					AMBIENT AIR READING = 0 ppb
27					COLLECTED SOIL SAMPLE SB-03 (18-20') FOR ANALYSIS EPA 8260
28					ND = No VOCs Detected By PID analysis
29					* = Sample Submitted for Laboratory Analysis

PRECISION
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DRILLING LOG

Well/ Boring No. SB-04/MW-1004

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4

Site No: 4-47-040 Location: Schenectady, NY

Driller: Mike Dudley Logged by: Dan Nierenberg

Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push

Date Drilled: 3/30/2010 Date Developed: 4/13/2010

TOC Elevation: 339.52' Total Depth of Hole: 24'

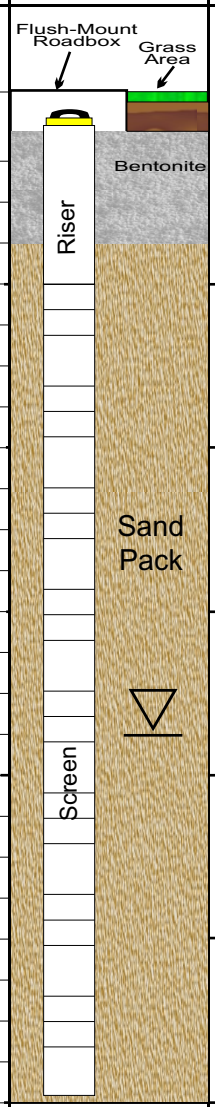
Boring Diameter: 2.25" Screen Diameter: 1" Length: 24' - 4'

Slot Size: 0.010 Riser Diameter: 1" Length: 4' - G

Type: SB/MW Sand Pack: 24' - 3' Bentonite Seal: 3' - G

Protective Casing: Road Box

See Site Map

Depth (ft.)	Well Construction	Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
0 (Grade)		75% Recov.		97	0-2': asphalt; changing to brown coarse/medium/fine SAND, poorly sorted, moist
1				76	2-4': brown to light brown to brown coarse/medium/fine SAND, poorly sorted, moist
2					
3					
4					
5		75% Recov.		120	4-6': brown/orange coarse/medium SAND, well sorted, moist
6					
7				94	6-8': brown/orange coarse/medium SAND, well sorted, moist
8					
9		75% Recov.		112	8-10': brown coarse/medium SAND, poorly sorted, with few fine GRAVEL mixed
10					
11				120	10-12': brown coarse/medium SAND, poorly sorted, moist
12					
13		75% Recov.		133	12-14': brown/dark brown coarse/medium SAND, poorly sorted, wet, with medium/fine GRAVEL mixed
14					
15				114	14-16': brown/dark brown coarse/medium SAND, poorly sorted, with few fine GRAVEL mixed, wet, saturated at 14.5-15'
16					
17		90 Recov.		224	(Slough 15', drove core to 20') 16-18': brown/dark brown coarse/medium/fine SAND, poorly sorted, with few fine GRAVEL mixed, wet, saturated
18					
19				287	18-20': brown/tan medium SAND, well sorted, wet, saturated
20					
21		100% Recov.	*	364	20-22': brown/dark brown coarse/medium/fine SAND, poorly sorted, wet, saturated
22					
23				170	22-24': brown medium SAND, with some fine SAND at depth, well sorted, wet, saturated
24					
25					**SB-04** COMPLETED AT 24'
26					MONITORING WELL **MW-04** INSTALLED
27					AMBIENT AIR READING = 47 ppb
28					COLLECTED SOIL SAMPLE SB-04 (20-22') FOR ANALYSIS EPA 8260
29					ND = No VOCs Detected By PID analysis * = Sample Submitted for Laboratory Analysis

PRECISION
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DRILLING LOG

Well/ Boring No. SB-05/MW-1005

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4

Site No: 4-47-040 Location: Schenectady, NY

Driller: Mike Dudley Logged by: Dan Nierenberg

Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push

Date Drilled: 4/2/2010 Date Developed: 4/13/2010

TOC Elevation: 335.93' Total Depth of Hole: 24'

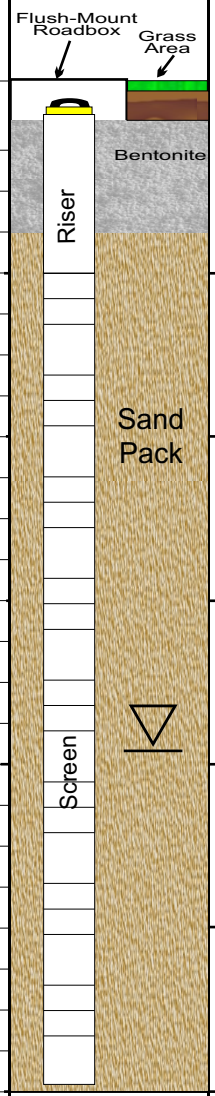
Boring Diameter: 2.25" Screen Diameter: 1" Length: 24' - 4'

Slot Size: 0.010 Riser Diameter: 1" Length: 4' - G

Type: SB/MW Sand Pack: 24' - 3' Bentonite Seal: 3' - G

Protective Casing: Road Box

See Site Map



Depth (ft.)	Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
0 (Grade) – 4	50% Recov.		241	0-2': dark brown coarse/medium/fine SAND at surface; changing to brown coarse/medium/fine SAND, poorly sorted
			355	2-4': brown coarse/medium/fine SAND, poorly sorted; changing to brown medium SAND, well sorted, with some coarse SAND
5 – 8	50% Recov.	*	675	4-6': brown coarse/medium/fine SAND, poorly sorted, moist, with few fine GRAVEL mixed
			319	6-8': brown coarse/medium/fine SAND, poorly sorted, moist, with few fine GRAVEL mixed, with medium SAND at 8'
9 – 12	50% Recov.		573	8-10': brown coarse/medium/fine SAND, poorly sorted, moist
			186	10-12': dark brown coarse/medium/fine SAND, poorly sorted, moist, with few fine GRAVEL mixed
13 – 16	50% Recov.		378	12-14': dark brown coarse SAND, with some medium/fine mixed, with little fine GRAVEL mixed, wet, moist
			394	14-16': dark brown coarse SAND, with some medium/fine mixed, with little fine GRAVEL mixed, wet, saturated at 15.5'
17 – 20	75% Recov.	*	361	(Slough 15', drove core to 20') 16-18': dark brown coarse/medium/fine SAND, poorly sorted, wet, saturated; changing to brown medium SAND, well sorted
			396	18-20': brown medium SAND, well sorted, wet, saturated, with increasing coarse SAND content with depth
21 – 24	100% Recov.		228	(Slough 15.5', drove core to 24') 20-22': brown coarse/medium SAND, poorly sorted, wet, saturated; changing to medium SAND, well sorted, wet, saturated
			294	22-24': brown/tan medium/fine SAND, well sorted, wet, saturated
25 – 29				**SB-05** COMPLETED AT 24' MONITORING WELL **MW-05** INSTALLED AMBIENT AIR READING = 0 ppb COLLECTED SOIL SAMPLES SB-05 (4-6') AND SB-05 (18-20') FOR ANALYSIS EPA 8260

ND = No VOCs Detected By PID analysis

* = Sample Submitted for Laboratory Analysis

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DRILLING LOG

Well/ Boring No. SB-06/MW-1006

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4

Site No: 4-47-040 Location: Schenectady, NY

Driller: Mike Dudley Logged by: Dan Nierenberg

Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push

Date Drilled: 4/2/2010 Date Developed: 4/13/2010

TOC Elevation: 336.94' Total Depth of Hole: 24'

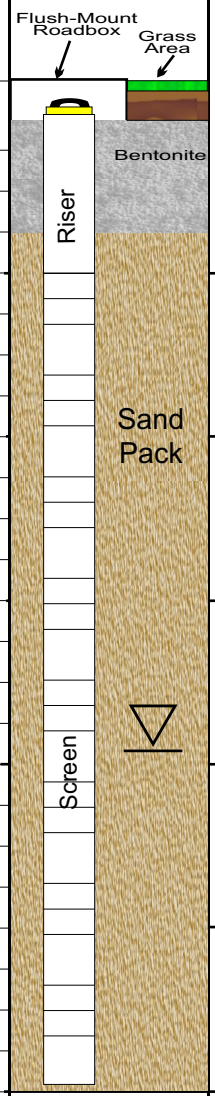
Boring Diameter: 2.25" Screen Diameter: 1" Length: 24' - 4'

Slot Size: 0.010 Riser Diameter: 1" Length: 4' - G

Type: SB/MW Sand Pack: 24' - 3' Bentonite Seal: 3' - G

Protective Casing: Road Box

See Site Map



Depth (ft.)	Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
0 (Grade) – 4	50% Recov.		458	0-2': brown/tan coarse/medium/fine SAND, poorly sorted, moist
			145	2-4': brown/tan coarse/medium/fine SAND, poorly sorted, moist, very few fine GRAVEL mixed
4 – 8	75% Recov.	*	489	4-6': brown medium/fine/coarse SAND, poorly sorted, with some asphalt/GRAVEL; changing to brown coarse/medium SAND, poorly sorted, moist
			530	6-8': brown coarse/medium SAND, poorly sorted, with little fine GRAVEL mixed
8 – 12	75% Recov.		489	8-10': brown coarse/medium SAND, well sorted, moist, some fine GRAVEL mixed
			328	10-12': brown coarse/medium SAND, well sorted, moist, some fine GRAVEL and very few coarse PEBBLES mixed
12 – 16	75% Recov.		355	12-14': brown medium/coarse SAND, well sorted, moist; changing to brown/tan coarse SAND, well sorted
			335	14-16': brown/tan coarse SAND, well sorted, moist; changing to brown medium/coarse SAND, well sorted, wet at 16'
16 – 20	75% Recov.	*	474	16-18': dark brown coarse/medium/fine SAND, poorly sorted, wet, saturated; changing to brown medium SAND, well sorted, wet, saturated
			393	18-20': brown to dark brown medium SAND, well sorted, wet, saturated, fine SAND content increasing with depth
20 – 24	100% Recov.		122	(Slough 15', drove core to 24') 20-22': brown coarse/medium/fine SAND, poorly sorted; changing to brown medium SAND, well sorted, wet, saturated at 22'
			110	22-24': brown medium SAND, well sorted, wet, saturated; changing to brown fine SAND, well sorted, wet, saturated
24 – 29				**SB-06** COMPLETED AT 24' MONITORING WELL **MW-06** INSTALLED AMBIENT AIR READING = 0 ppb COLLECTED SOIL SAMPLES SB-06 (6-8') AND SB-06 (18-20') FOR ANALYSIS EPA 8260 ND = No VOCs Detected By PID analysis * = Sample Submitted for Laboratory Analysis

PRECISION
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DRILLING LOG

Well/ Boring No. SB-07/MW-1007

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4

Site No: 4-47-040 Location: Schenectady, NY

Driller: Mike Dudley Logged by: Dan Nierenberg

Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push

Date Drilled: 4/2/2010 Date Developed: 4/13/2010

TOC Elevation: 336.00 Total Depth of Hole: 24'

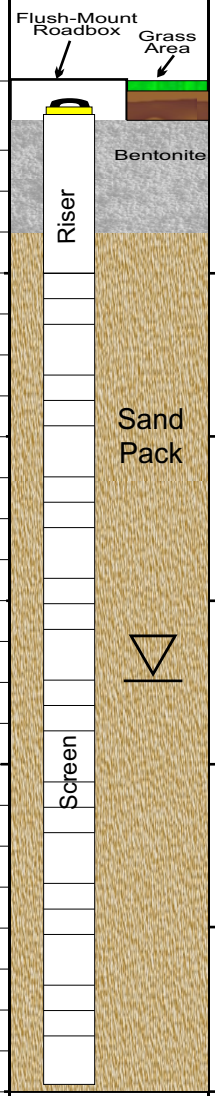
Boring Diameter: 2.25" Screen Diameter: 1" Length: 24' - 4'

Slot Size: 0.010 Riser Diameter: 1" Length: 4' - G

Type: SB/MW Sand Pack: 24' - 3' Bentonite Seal: 3' - G

Protective Casing: Road Box

See Site Map



Depth (ft.)	Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
0 (Grade)	50% Recov.		142	0-2': asphalt; changing to brown medium SAND (fill), well sorted, with large rock (CR?)
1				
2			67	2-4': brown medium/fine/coarse SAND, large rock included, poorly sorted, with medium/coarse GRAVEL lense to brown SAND at depth
3				
4				
5	75% Recov.		145	4-6': brown coarse/medium SAND, well sorted, moist, with very few fine/medium GRAVEL mixed
6				
7			216	6-8': brown coarse SAND, well sorted, with some medium SAND and fine GRAVEL mixed, moist
8				
9	75% Recov.		324	8-10': brown coarse/medium SAND, well sorted, moist, very few medium pebbles mixed
10				
11			293	10-12': brown coarse/medium SAND, well sorted, moist; changing to brown/tan medium/fine SAND, well sorted, moist, wet at 11 to 12'
12				
13	90% Recov.		352	12-14': brown/tan medium SAND, well sorted, moist
14				
15			270	14-16': brown/tan medium SAND, well sorted, moist, wet at 14 to 15', saturated at 15 to 16'
16				
17	100% Recov.			(Slough 14', drove core to 20')
18			314	16-18': brown/tan fine/medium SAND, well sorted, wet, saturated
19			549	18-20': brown/tan fine/medium SAND, well sorted, wet, saturated
20				
21	100% Recov.		227	(Slough 15', drove core to 24') 20-22': brown medium SAND with some coarse/fine SAND mixed, very few coarse PEBBLES mixed, wet, saturated
22				
23		*	598	22-24': brown/grey fine/medium SAND; changing to grey fine SAND, well sorted, wet, saturated, some medium SAND mixed
24				
25				**SB-07** COMPLETED AT 24'
26				MONITORING WELL **MW-07** INSTALLED
27				AMBIENT AIR READING = 0 ppb
28				COLLECTED SOIL SAMPLE SB-07 (22-24') FOR ANALYSIS EPA 8260
29				ND = No VOCs Detected By PID analysis
				* = Sample Submitted for Laboratory Analysis

PRECISION
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DRILLING LOG

Well/ Boring No.: SV-01

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4

Site No: 4-47-040 Location: Schenectady, NY

Driller: Mike Dudley Logged by: Dan Nierenberg

Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push

Date Drilled: 4/1/2010 Date Developed: 5/26/2010

TOC Elevation: N/A Total Depth of Hole: 11.5'

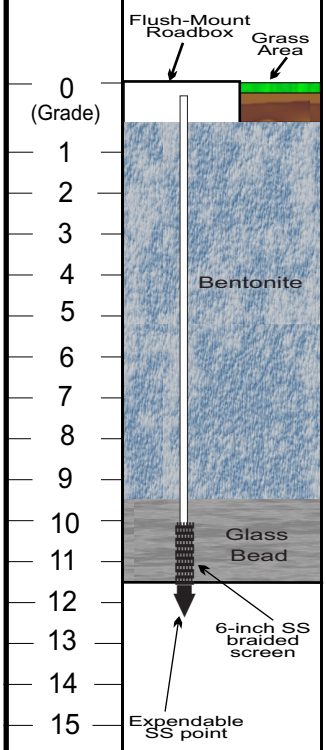
Boring Diameter: 2.25" Screen Diameter: 0.5" Length: 6"

Slot Size: 0.010 Riser Diameter: 3/8"OD, 3/16"ID Length: 11'

Type: Soil Vapor Probe Glass Bead: 11.5'-9.5' Bentonite Seal: 9.5' - G

Protective Casing: Road Box

See Site Map



Depth (ft.)	Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
	▽			Soil vapor probe SV-01 installed 11.5-feet below existing grade Glass bead pack from 11.5-feet to 9.5-feet below existing site grade Granular bentonite from 9.5-feet to existing site grade Groundwater measured at 12.75-feet below top of casing in MW-AB prior to installation of soil vapor probe Collected soil sample SV-01 on May 26, 2010 Groundwater measured at 12.89-feet below top of casing in MW-AB prior to soil vapor sampling SV-01 sampled for 2-hour period and analyzed for TO-15

N/A = No Sample Acquired

ND = No VOCs Detected By PID analysis

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DRILLING LOG

Well/ Boring No.: SV-02

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4

Site No: 4-47-040 Location: Schenectady, NY

Driller: Mike Dudley Logged by: Dan Nierenberg

Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push

Date Drilled: 4/1/2010 Date Developed: 5/26/2010

TOC Elevation: N/A Total Depth of Hole: 11.5'

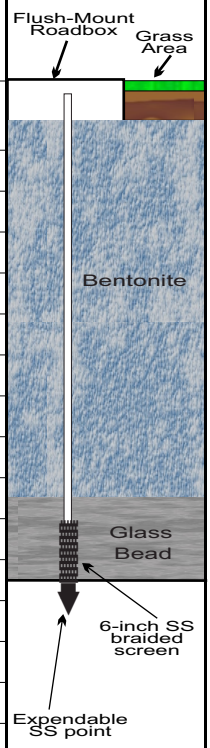
Boring Diameter: 2.25" Screen Diameter: 0.5" Length: 6"

Slot Size: 0.010 Riser Diameter: 3/8"OD, 3/16"ID Length: 11'

Type: Soil Vapor Probe Glass Bead: 11.5'-9.5' Bentonite Seal: 9.5' - G

Protective Casing: Road Box

See Site Map

Depth (ft.)		Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
0 (Grade)		▽			Soil vapor probe SV-02 installed 11.5-feet below existing grade Glass bead pack from 11.5-feet to 9.5-feet below existing site grade Granular bentonite from 9.5-feet to existing site grade Groundwater measured at 12.41-feet below top of casing in MW-Z prior to installation of soil vapor probe Collected soil sample SV-02 on May 26, 2010 Groundwater measured at 12.54-feet below top of casing in MW-Z prior to soil vapor sampling SV-02 sampled for 2-hour period and analyzed for TO-15
1					
2					
3					
4					
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29					

N/A = No Sample Acquired

ND = No VOCs Detected By PID analysis

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DRILLING LOG

Well/ Boring No.: SV-03

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4

Site No: 4-47-040 Location: Schenectady, NY

Driller: Mike Dudley Logged by: Dan Nierenberg

Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push

Date Drilled: 3/31/2010 Date Developed: 5/26/2010

TOC Elevation: N/A Total Depth of Hole: 11'

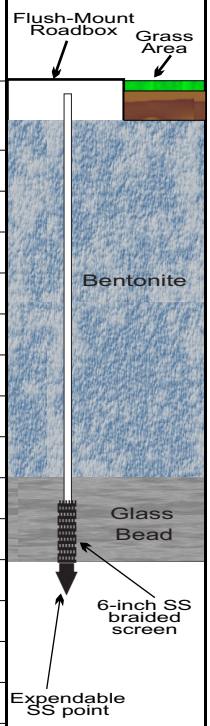
Boring Diameter: 2.25" Screen Diameter: 0.5" Length: 6"

Slot Size: 0.010 Riser Diameter: 3/8"OD, 3/16"ID Length: 10.5'

Type: Soil Vapor Probe Glass Bead: 11'-9' Bentonite Seal: 9'- G

Protective Casing: Road Box

See Site Map

Depth (ft.)		Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
0 (Grade) – 29		▽			Soil vapor probe SV-03 installed 10.5-feet below existing grade Glass bead pack from 11-feet to 9-feet below existing site grade Granular bentonite from 9-feet to existing site grade Groundwater measured at 12.38-feet below top of casing in MW-X prior to installation of soil vapor probe Collected soil sample SV-03 on May 26, 2010 Groundwater measured at 12.54-feet below top of casing in MW-X prior to soil vapor sampling SV-03 sampled for 2-hour period and analyzed for TO-15 He shroud enriched to

N/A = No Sample Acquired

ND = No VOCs Detected By PID analysis

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DRILLING LOG

Well/ Boring No.: SV-04

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4

Site No: 4-47-040 Location: Schenectady, NY

Driller: Mike Dudley Logged by: Dan Nierenberg

Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push

Date Drilled: 3/31/2010 Date Developed: 5/26/2010

TOC Elevation: N/A Total Depth of Hole: 11'

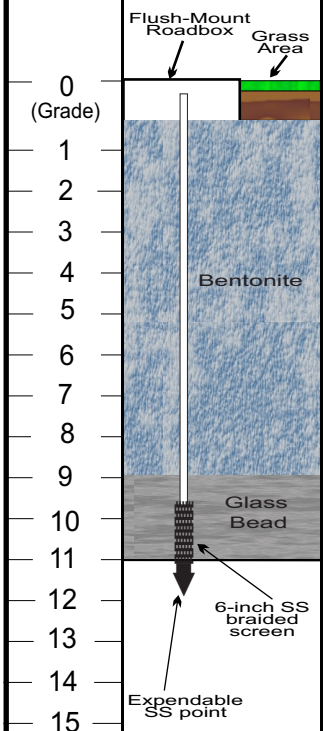
Boring Diameter: 2.25" Screen Diameter: 0.5" Length: 6"

Slot Size: 0.010 Riser Diameter: 3/8"OD, 3/16"ID Length: 10.5'

Type: Soil Vapor Probe Glass Bead: 11'-9' Bentonite Seal: 9' - G

Protective Casing: Road Box

See Site Map



Depth (ft.)	Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
	▽			Soil vapor probe SV-04 installed 11-feet below existing grade Glass bead pack from 11-feet to 9-feet below existing site grade Granular bentonite from 9-feet to existing site grade Groundwater measured at 12.10-feet below top of casing in MW-R prior to installation of soil vapor probe Collected soil sample SV-04 on May 26, 2010 Groundwater measured at 12.31-feet below top of casing in MW-R prior to soil vapor sampling SV-04 sampled for 2-hour period and analyzed for TO-15

N/A = No Sample Acquired

ND = No VOCs Detected By PID analysis

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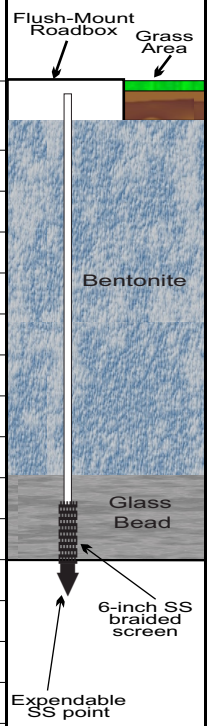
DRILLING LOG

Well/ Boring No.: SV-05

Project: Brandywine Plume Delineation
Client: NYSDEC - Region 4
Site No: 4-47-040
Location: Schenectady, NY
Driller: Mike Dudley
Logged by: Dan Nierenberg
Drilling Contractor: PES
Drilling Method: Geoprobe/Direct Push
Date Drilled: 3/31/2010
Date Developed: 5/26/2010
TOC Elevation: N/A
Total Depth of Hole: 11'
Boring Diameter: 2.25"
Screen Diameter: 0.5"
Length: 6"
Slot Size: 0.010
Riser Diameter: 3/8"OD, 3/16"ID
Length: 10.5'
Type: Soil Vapor Probe
Glass Bead: 11'-9'
Bentonite Seal: 9' - G
Protective Casing: Road Box

See Site Map

Depth (ft.)		Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
0 (Grade) – 29		▽			Soil vapor probe SV-05 installed 11-feet below existing grade Glass bead pack from 11-feet to 9-feet below existing site grade Granular bentonite from 9-feet to existing site grade Groundwater measured at 12.54-feet below top of casing in MW-S prior to installation of soil vapor probe Collected soil sample SV-05 on May 26, 2010 Groundwater measured at 12.74-feet below top of casing in MW-S prior to soil vapor sampling SV-05 sampled for 2-hour period and analyzed for TO-15

N/A = No Sample Acquired
ND = No VOCs Detected By PID analysis

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DRILLING LOG

Well/ Boring No.: SV-06

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4

Site No: 4-47-040 Location: Schenectady, NY

Driller: Mike Dudley Logged by: Dan Nierenberg

Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push

Date Drilled: 4/1/2010 Date Developed: 5/26/2010

TOC Elevation: N/A Total Depth of Hole: 13.5'

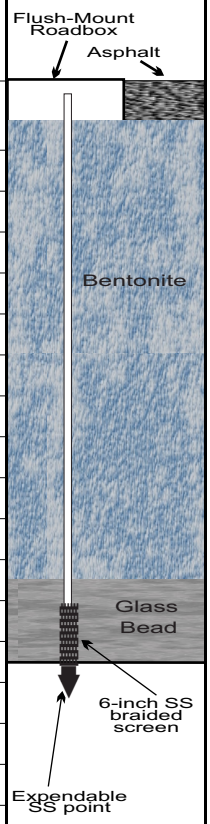
Boring Diameter: 2.25" Screen Diameter: 0.5" Length: 6"

Slot Size: 0.010 Riser Diameter: 3/8"OD, 3/16"ID Length: 13'

Type: Soil Vapor Probe Glass Bead: 13.5'-11.5' Bentonite Seal: 11.5' - G

Protective Casing: Road Box

See Site Map

Depth (ft.)		Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
0 (Grade) – 29		▽			Soil vapor probe SV-06 installed 13.5-feet below existing grade Glass bead pack from 13.5-feet to 11.5-feet below existing site grade Granular bentonite from 11.5-feet to existing site grade Groundwater measured at 14.88-feet below top of casing in MW-04 prior to installation of soil vapor probe Collected soil sample SV-06 on May 26, 2010 Groundwater measured at 115.13-feet below top of casing in MW-04 prior to soil vapor sampling SV-06 sampled for 2-hour period and analyzed for TO-15

N/A = No Sample Acquired

ND = No VOCs Detected By PID analysis

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DRILLING LOG

Well/ Boring No.: SV-07

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4

Site No: 4-47-040 Location: Schenectady, NY

Driller: Mike Dudley Logged by: Dan Nierenberg

Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push

Date Drilled: 4/1/2010 Date Developed: 5/26/2010

TOC Elevation: N/A Total Depth of Hole: 13'

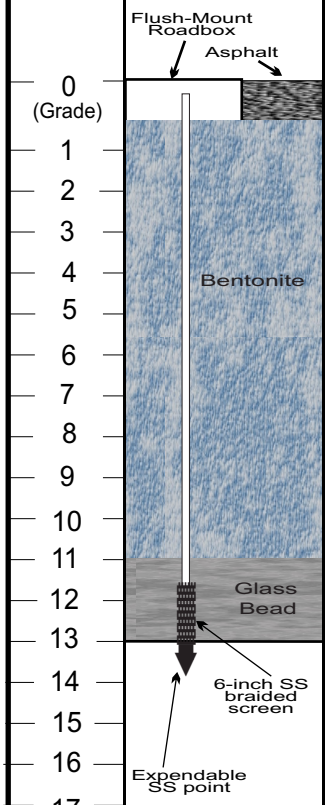
Boring Diameter: 2.25" Screen Diameter: 0.5" Length: 6"

Slot Size: 0.010 Riser Diameter: 3/8"OD, 3/16"ID Length: 12.5'

Type: Soil Vapor Probe Glass Bead: 13'-11' Bentonite Seal: 11' - G

Protective Casing: Road Box

See Site Map



Depth (ft.)	Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
	▽			Soil vapor probe SV-07 installed 13-feet below existing grade Glass bead pack from 13-feet to 11-feet below existing site grade Granular bentonite from 11-feet to existing site grade Groundwater measured at 14.17-feet below top of casing in MW-AH prior to installation of soil vapor probe Collected soil sample SV-07 on May 26, 2010 Groundwater measured at 14.35-feet below top of casing in MW-AH prior to soil vapor sampling SV-07 sampled for 2-hour period and analyzed for TO-15

N/A = No Sample Acquired

ND = No VOCs Detected By PID analysis

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DRILLING LOG

Well/ Boring No.: SV-08

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4

Site No: 4-47-040 Location: Schenectady, NY

Driller: Mike Dudley Logged by: Dan Nierenberg

Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push

Date Drilled: 4/1/2010 Date Developed: 5/26/2010

TOC Elevation: N/A Total Depth of Hole: 14'

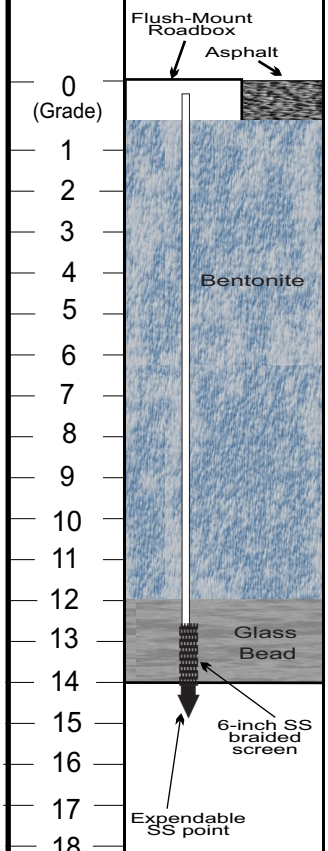
Boring Diameter: 2.25" Screen Diameter: 0.5" Length: 6"

Slot Size: 0.010 Riser Diameter: 3/8"OD, 3/16"ID Length: 13.5'

Type: Soil Vapor Probe Glass Bead: 14'-12' Bentonite Seal: 12' - G

Protective Casing: Road Box

See Site Map



Depth (ft.)	Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
	▽			Soil vapor probe SV-08 installed 14-feet below existing grade Glass bead pack from 14-feet to 12-feet below existing site grade Granular bentonite from 12-feet to existing site grade Groundwater measured at 15.21-feet below top of casing in MW-AJ prior to installation of soil vapor probe Collected soil sample SV-08 on May 26, 2010 Groundwater measured at 15.74-feet below top of casing in MW-AJ prior to soil vapor sampling SV-08 sampled for 2-hour period and analyzed for TO-15

N/A = No Sample Acquired

ND = No VOCs Detected By PID analysis

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DRILLING LOG

Well/ Boring No.: SV-09

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4

Site No: 4-47-040 Location: Schenectady, NY

Driller: Mike Dudley Logged by: Dan Nierenberg

Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push

Date Drilled: 4/2/2010 Date Developed: 5/26/2010

TOC Elevation: N/A Total Depth of Hole: 14.5'

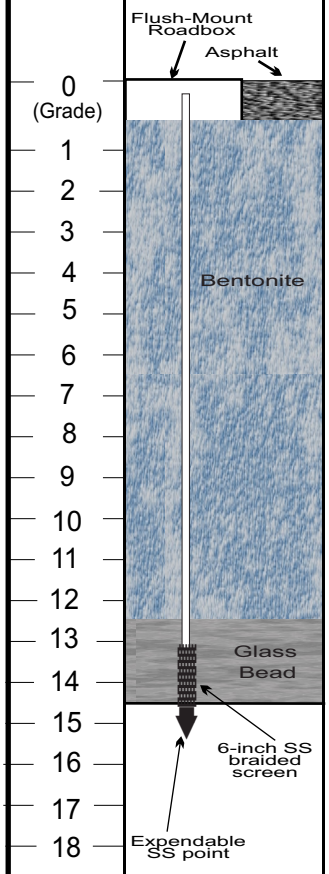
Boring Diameter: 2.25" Screen Diameter: 0.5" Length: 6"

Slot Size: 0.010 Riser Diameter: 3/8"OD, 3/16"ID Length: 14'

Type: Soil Vapor Probe Glass Bead: 14.5'-12.5' Bentonite Seal: 12.5' - G

Protective Casing: Road Box

See Site Map



Soil vapor probe SV-09 installed 14.5-feet below existing grade

Glass bead pack from 14.5-feet to 12.5-feet below existing site grade

Granular bentonite from 12.5-feet to existing site grade

Groundwater measured at 15.80-feet below top of casing in MW-06 prior to installation of soil vapor probe

Collected soil sample SV-09 on May 26, 2010

Groundwater measured at 16.09-feet below top of casing in MW-06 prior to soil vapor sampling

SV-09 sampled for 2-hour period and analyzed for TO-15

N/A = No Sample Acquired

ND = No VOCs Detected By PID analysis

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DRILLING LOG

Well/ Boring No.: SV-10

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4

Site No: 4-47-040 Location: Schenectady, NY

Driller: Mike Dudley Logged by: Dan Nierenberg

Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push

Date Drilled: 3/31/2010 Date Developed: 5/26/2010

TOC Elevation: N/A Total Depth of Hole: 12'

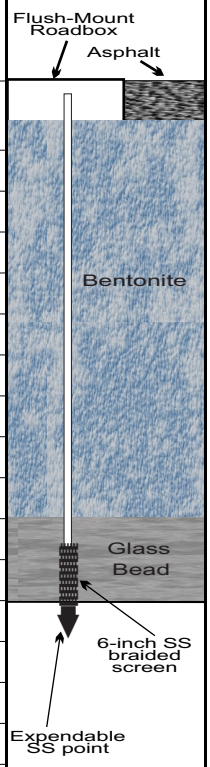
Boring Diameter: 2.25" Screen Diameter: 0.5" Length: 6"

Slot Size: 0.010 Riser Diameter: 3/8"OD, 3/16"ID Length: 11.5'

Type: Soil Vapor Probe Glass Bead: 12'-10' Bentonite Seal: 10' - G

Protective Casing: Road Box

See Site Map

Depth (ft.)		Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
0 (Grade) – 29		▽			Soil vapor probe SV-10 installed 12-feet below existing grade Glass bead pack from 12-feet to 10-feet below existing site grade Granular bentonite from 10-feet to existing site grade Groundwater measured at 14.80-feet below top of casing in MW-AK prior to installation of soil vapor probe Collected soil sample SV-10 on May 26, 2010 Groundwater measured at 15.03-feet below top of casing in MW-AK prior to soil vapor sampling SV-10 sampled for 2-hour period and analyzed for TO-15

N/A = No Sample Acquired

ND = No VOCs Detected By PID analysis

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DRILLING LOG

Well/ Boring No.: SV-11

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4

Site No: 4-47-040 Location: Schenectady, NY

Driller: Mike Dudley Logged by: Dan Nierenberg

Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push

Date Drilled: 4/2/2010 Date Developed: 5/26/2010

TOC Elevation: N/A Total Depth of Hole: 14.5'

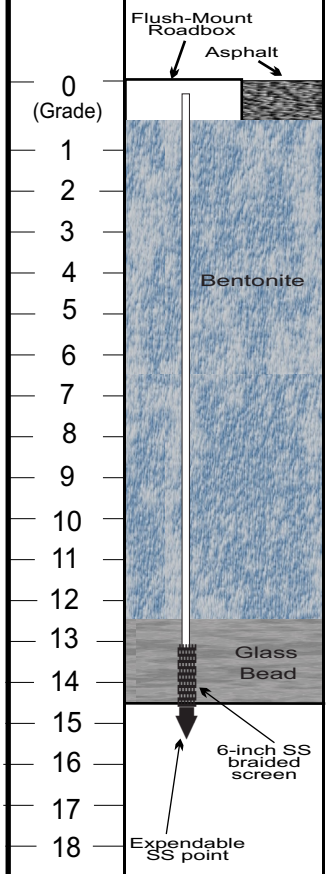
Boring Diameter: 2.25" Screen Diameter: 0.5" Length: 6"

Slot Size: 0.010 Riser Diameter: 3/8"OD, 3/16"ID Length: 14'

Type: Soil Vapor Probe Glass Bead: 14.5'-12.5' Bentonite Seal: 12.5' - G

Protective Casing: Road Box

See Site Map



Soil vapor probe SV-11 installed 14.5-feet below existing grade

Glass bead pack from 14.5-feet to 12.5-feet below existing site grade

Granular bentonite from 12.5-feet to existing site grade

Groundwater measured at 15.87-feet below top of casing in MW-05 prior to installation of soil vapor probe

Collected soil sample SV-11 on May 26, 2010

Groundwater measured at 16.20-feet below top of casing in MW-05 prior to soil vapor sampling

SV-11 sampled for 2-hour period and analyzed for TO-15

N/A = No Sample Acquired

ND = No VOCs Detected By PID analysis

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DRILLING LOG

Well/ Boring No.: SV-12

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4

Site No: 4-47-040 Location: Schenectady, NY

Driller: Mike Dudley Logged by: Dan Nierenberg

Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push

Date Drilled: 4/2/2010 Date Developed: 5/26/2010

TOC Elevation: N/A Total Depth of Hole: 15'

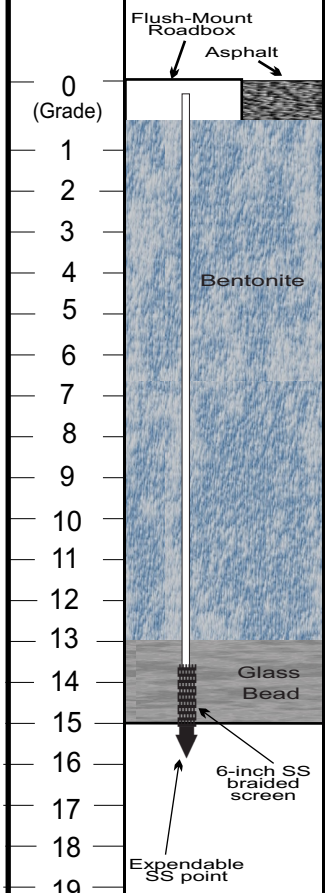
Boring Diameter: 2.25" Screen Diameter: 0.5" Length: 6"

Slot Size: 0.010 Riser Diameter: 3/8"OD, 3/16"ID Length: 14.5'

Type: Soil Vapor Probe Glass Bead: 15'-13' Bentonite Seal: 13' - G

Protective Casing: Road Box

See Site Map



Depth (ft.)	Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
	▽			Soil vapor probe SV-12 installed 15-feet below existing grade Glass bead pack from 15-feet to 13-feet below existing site grade Granular bentonite from 13-feet to existing site grade Groundwater measured at 16.05-feet below top of casing in MW-02 prior to installation of soil vapor probe Collected soil sample SV-12 on May 26, 2010 Groundwater measured at 16.31-feet below top of casing in MW-02 prior to soil vapor sampling SV-12 sampled for 2-hour period and analyzed for TO-15

N/A = No Sample Acquired

ND = No VOCs Detected By PID analysis

Attachment C:
Tables

TABLE 1
Summary of Groundwater Gauging and Elevation Data, Existing Wells

Brandywine Plume Delineation
Schenectady, Albany County, New York
NYSDEC Site No. 4-47-040
Gauge Date: March 15, 2010

Well Identification	Top of Casing Elevation	Depth to Water	Depth to Bottom	Water Table Elevation
MW-Q	338.49	12.45	*23.14*	326.04
MW-R	338.22	12.18	*22.28*	326.04
MW-S	338.38	12.67	*21.75*	325.71
MW-T	338.64	12.23	*22.65*	326.41
MW-W	338.88	11.98	*22.80*	326.90
MW-X	339.25	12.55	*21.45*	326.70
MW-Z	339.81	12.54	*22.65*	327.27
MW-AB	340.90	12.98	*19.25*	327.92
MW-AH	339.24	14.32	*21.75*	324.94
MW-AJ	337.18	15.33	*23.02*	321.94
MW-AK	342.06	14.98	*23.90*	327.08

Comments: All values are reported in feet.
Elevations based on USGS Bench Mark 342' above sea level, 38WSM, 1952

TABLE 2
Summary of Groundwater Analytical Results, Existing Wells

Brandywine Plume Delineation Schenectady, Albany County, New York NYSDEC Site No. 4-47-040 Collection Date: March 15, 2010		Sample Identification											*NYS DEC Groundwater Standards**
Parameter	**Method**	**MW-AK**	**MW-S**	**MW-T**	**MW-W**	**MW-X**	**MW-R**	**MW-Q**	**MW-Z**	**MW-AB**	**MW-AH**	**MW-AJ**	
Chloromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5*
Bromomethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5*
Vinyl Chloride	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*2*
Chloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5*
Methylene Chloride	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5*
Acetone	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5**
Carbon Disulfide	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*60*
1,1-Dichloroethene (DCE)	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5*
1,1-Dichloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5*
trans-1,2-Dichloroethene (DCE)	EPA 8260	**8**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5*
cis-1,2-Dichloroethene (DCE)	EPA 8260	**160**	**25**	**7**	ND	ND	ND	ND	ND	ND	**11**	ND	*5*
Chloroform	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*7*
1,2-Dichloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*0.6*
2-Butanone	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5**
1,1,1-Trichloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*1*
Carbon Tertachloride	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5*
Bromodichloromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5**
1,2-Dichloropropane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*1*
cis-1,3-Dichloropropene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*0.4*
Trichloroethene (TCE)	EPA 8260	**11**	**13**	**7**	ND	ND	ND	ND	ND	ND	ND	ND	*5*
Dibromochloromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5**
1,1,2-Trichloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*1*
Benzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*1*
trans-1,3-Dichloropropene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*0.4*
Bromoform	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5**
4-Methyl-2-pentanone	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5**
2-Hexanone	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5**
Tetrachloroethene (PCE)	EPA 8260	**45**	**53**	**42**	**10**	**24**	**29**	**29**	**54**	**10**	**11**	**10**	*5*
1,1,2,2-Tetrachloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5*
Toluene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5*
Chlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5*
Ethylbenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5*
Styrene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5*
m,p-Xylene	EPA 8260	**6**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5*
o-Xylene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5*
Methyl tert-Butyl Ether	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*10*
Dichlorodifluoromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5*
Methyl Acetate	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5**
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5*
Trichlorofluoromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5*
Cyclohexane	EPA 8260	**35**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5**
Methyl Cyclohexane	EPA 8260	**14**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5**
1,2-Dibromomethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5**
1,3-Dichlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*3*
Isopropylbenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5*
1,4-Dichlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*3*
1,2-Dichlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*3*
1,2-Dibromo-3-chloropropane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*0.04*
1,2,4-Trichlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5*
BTEX	**EPA 8260**	**6**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	
Total PCE	**EPA 8260**	**45**	**53**	**42**	**10**	**24**	**29**	**29**	**54**	**10**	**11**	**10**	
Total TCE	**EPA 8260**	**11**	**13**	**7**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	
Total DCE	**EPA 8260**	**168**	**25**	**7**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**11**	**ND**	
Total Compounds	**EPA 8260**	**279**	**91**	**56**	**10**	**24**	**29**	**29**	**54**	**10**	**22**	**10**	

All values are reported in ug/L - parts per billions (ppb)

Analytical Facility - Adirondack Environmental Services, Inc. - Schenectady, NY

ND indicates not detected above laboratory minimum detection limits

Values in **BOLD** indicate concentrations detected above laboratory minimum detection limits but below NYSDEC Guidance values

Values in **RED** equal or exceed NYSDEC Guidance Values

NA indicates not applicable/not available

*NYS DEC - Division of Water Resources, Classes and Quality Standards for Ground Water, Chapter 10 of Title 6, Article 2, Part 703

TABLE 3
Summary of Soil
Headspace Repsonses

Brandywine Plume Delineation
Schenectady, Albany County, New York
NYSDEC Site No. 4-47-040
Collected: March 30 to April 2, 2010

Soil Boring Identification	Depth Below Grade	Headspace Response
SB-01	20-22'	42
SB-02	16-18'	207
SB-03	18-20'	189
SB-04	20-22'	364
SB-05	18-20'	396
SB-06	6-8'	530
SB-07	22-24'	598

Comments: Headspace responses reported in parts per billion (ppb)
B.G. indicates below existing site grade
ND indicates non-detect

TABLE 4
Summary of Soil
Analytical Results

Brandywine Plume Delineation Schenectady, Albany County, New York NYSDEC Site No. 4-47-040 Collected: March 30, 2010 - April 2, 1010		Soil Sample Identification									NYSDEC Restricted Use Soil Cleanup Objective*[1]
		SB-01	SB-02	SB-03	SB-04	SB-05	SB-05	SB-06	SB-06	SB-07	
Parameter	**Method**	**(20-22')**	**(16-18')**	**(18-20')**	**(20-22')**	**(4-6')**	**(18-20')**	**(6-8')**	**(18-20')**	**(22-24')**	
Chloromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
Bromomethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
Vinyl Chloride	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*210*
Chloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
Methylene Chloride	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5,100*
Acetone	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*100,000*
Carbon Disulfide	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
1,1-Dichloroethene (DCE)	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*100,000*
1,1-Dichloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*19,000*
trans-1,2-Dichloroethene (DCE)	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*100,000*
cis-1,2-Dichloroethene (DCE)	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*59,000*
Chloroform	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*10,000*
1,2-Dichloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*2,300*
2-Butanone	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*100,000*
1,1,1-Trichloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*100,000*
Carbon Tertachloride	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*1,400*
Bromodichloromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
1,2-Dichloropropane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
cis-1,3-Dichloropropene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
Trichloroethene (TCE)	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*10,000*
Dibromochloromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
1,1,2-Trichloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
Benzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*2,900*
trans-1,3-Dichloropropene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
Bromoform	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
4-Methyl-2-pentanone	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
2-Hexanone	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
Tetrachloroethene (PCE)	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*5,500*
1,1,2,2-Tetrachloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
Toluene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*100,000*
Chlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*100,000*
Ethylbenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*30,000*
Styrene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
m.p-Xylene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*100,000*
o-Xylene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*100,000*
Methyl tert-Butyl Ether	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*62,000*
Dichlorodifluoromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
Methyl Acetate	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
Trichlorofluoromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
Cyclohexane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
Methyl Cyclohexane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
1,2-Dibromomethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
1,3-Dichlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
Isopropylbenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
1,4-Dichlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*9,800*
1,2-Dichlorobenze	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*100,000*
1,2-Dibromo-3-chloropropane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
1,2,4-Trichlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	*NA*
BTEX	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Compounds	**EPA 8260**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	

All values are reported in ug/kg - parts per billions (ppb)

Analytical Facility - Adirondack Environmental Services, Inc. - Schenectady, NY

ND indicates not detected above laboratory minimum detection limits

Values in **BOLD** indicate concentrations detected above laboratory minimum detection limits but below NYSDEC Guidance values

Values in **RED** equal or exceed NYSDEC Guidance Values

NA indicaes not applicable/not available

*[1] NYSDEC Regulation 6 NYCRR Subpart 375 Restricted Use Soil Cleanup Objectives for Protection of Public Health at Residential Sites

TABLE 5
Summary of Groundwater Gauging and Elevation Data, Newly Installed Wells

Brandywine Plume Delineation

Schenectady, Albany County, New York

NYSDEC Site No. 4-47-040

Gauge Date: April 13, 2010

Well Identification	Top of Casing Elevation	Depth to Water	Depth to Bottom	Water Table Elevation
MW-1001	338.53	14.93	*22.92*	323.60
MW-1002	338.36	16.12	*22.99*	322.24
MW-1003	339.17	15.33	*22.78*	323.84
MW-1004	339.52	14.91	*23.10*	324.61
MW-1005	335.93	16.02	*23.08*	319.91
MW-1006	336.94	15.96	*22.66*	320.98
MW-1007	336.00	15.67	*23.10*	320.33

Comments: All values are reported in feet.
Elevations based on USGS Bench Mark 342' above sea level, 38WSM, 1952

TABLE 6
Summary of Groundwater Analytical Results, Newly Installed Wells

Brandywine Plume Delineation **Schenectady, Albany County, New York** **NYSDEC Site No. 4-47-040** **Collection Date: April 13, 2010**		**Sample Identification**							*NYS DEC Groundwater Standards**
Parameter	**Method**	**MW-1001**	**MW-1002**	**MW-1003**	**MW-1004**	**MW-1005**	**MW-1006**	**MW-1007**	
Chloromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5*
Bromomethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5*
Vinyl Chloride	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*2*
Chloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5*
Methylene Chloride	EPA 8260	ND	ND	ND	ND	**5**	**5**	**5**	*5*
Acetone	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5**
Carbon Disulfide	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*60*
1,1-Dichloroethene (DCE)	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5*
1,1-Dichloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5*
trans-1,2-Dichloroethene (DCE)	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5*
cis-1,2-Dichloroethene (DCE)	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5*
Chloroform	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*7*
1,2-Dichloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*0.6*
2-Butanone	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5**
1,1,1-Trichloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*1*
Carbon Tertachloride	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5*
Bromodichloromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5**
1,2-Dichloropropane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*1*
cis-1,3-Dichloropropene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*0.4*
Trichloroethene (TCE)	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5*
Dibromochloromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5**
1,1,2-Trichloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*1*
Benzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*1*
trans-1,3-Dichloropropene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*0.4*
Bromoform	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5**
4-Methyl-2-pentanone	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5**
2-Hexanone	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5**
Tetrachloroethene (PCE)	EPA 8260	ND	**38**	ND	**9**	ND	ND	ND	*5*
1,1,2,2-Tetrachloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5*
Toluene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5*
Chlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5*
Ethylbenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5*
Styrene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5*
m.p-Xylene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5*
o-Xylene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5*
Methyl tert-Butyl Ether	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*10*
Dichlorodifluoromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5*
Methyl Acetate	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5**
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5*
Trichlorofluoromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5*
Cyclohexane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5**
Methyl Cyclohexane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5**
1,2-Dibromomethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5**
1,3-Dichlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*3*
Isopropylbenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5*
1,4-Dichlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*3*
1,2-Dichlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*3*
1,2-Dibromo-3-chloropropane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*0.04*
1,2,4-Trichlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	*5*
BTEX	**EPA 8260**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	
Total PCE	**EPA 8260**	**ND**	**38**	**ND**	**9**	**ND**	**ND**	**ND**	
Total TCE	**EPA 8260**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	
Total DCE	**EPA 8260**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	
Total Compounds	**EPA 8260**	**ND**	**38**	**ND**	**9**	**5**	**5**	**5**	

All values are reported in ug/L - parts per billions (ppb)

Analytical Facility - Adirondack Environmental Services, Inc. - Schenectady, NY

ND indicates not detected above laboratory minimum detection limits

Values in **BOLD** indicate concentrations detected above laboratory minimum detection limits but below NYSDEC Guidance values

Values in **RED** equal or exceed NYSDEC Guidance Values

NA indicates not applicable/not available

*NYS DEC - Division of Water Resources, Classes and Quality Standards for Ground Water, Chapter 10 of Title 6, Article 2, Part 703

Table 7

Summary of Soil Vapor Sampling Data

Brandywine Plume Delineation
Schenectady, Albany County, New York
NYSDEC Site No. 4-47-040
Collected: May 26, 2010

Temporary Soil Vapor Probe ID	SUMMA Canister ID	Regulator ID	Time On	Time Off	He Shroud %	He Tedlar Purge %	Headspace Tedlar Purge (ppb)	Ambient Air (ppb)	Start SUMMA Pressure	End SUMMA Pressure	Ambient Temperature (°F)	Ambient Pressure (" Hg)
SV-01	0499	2857	9:42	11:40	86.4	0	4,064	391	-27" Hg	0" Hg	80	29.96
SV-02	4642	2885	10:03	12:00	90.6	0.035	2,003	14	-28" Hg	0" Hg	82	29.94
Duplicate SV-02	1340	1314	10:03	12:00	90.6	0.035	2,003	14	-28.5" Hg	0" Hg	82	29.94
SV-03	0714	36	10:23	12:30	91.5	0	500	17	-29" Hg	0" Hg	84	29.92
SV-04	4633	76	11:00	13:00	91	0	458	46	-30" Hg	0" Hg	88	29.88
SV-05	5565	58	11:14	13:14	90	0	151	0	-30" Hg	2" Hg	90	29.86
SV-06	0263	2989	11:54	13:52	90	0	207	14	-34" Hg	0" Hg	94	29.82
SV-07	0205	2863	11:31	13:30	90	0	284	14	-30" Hg	2.5" Hg	92	29.84
SV-08	4562	826	13:20	15:13	90	0	224	59	-30" HG	0" Hg	102	29.77
SV-09	1343	14	12:55	14:53	90	0	224	53	-29" Hg	0" Hg	100	29.78
SV-10	4620	2840	10:40	12:40	90.5	0.0025	493	14	-30" Hg	0" Hg	86	29.90
SV-11	0240	56	12:37	14:37	90	0	159	39	-30" Hg	-10" Hg	98	29.79
SV-12	1399	56	12:16	14:00	90	0	246	86	-30" Hg	-3" Hg	96	29.80
Upgradient Ambient	4625	37	13:28	15:20	N/A	N/A	N/A	N/A	-30" Hg	-3" Hg	104	29.77

Helium Detector : He Leak Detector - MGD-2002

Photo-ionization detector : ppbRae Plus PGM-7240

N/A indicates not applicable

TABLE 8
Summary of Soil Vapor
Analytical Results

Brandywine Plume Delineation Schenectady, Albany County, New York NYSDEC Site No. 4-47-040 Collected: May 26, 2010		Soil Vapor Sample Identification													
Parameter	**Method**	**SV-01**	**SV-02**	**DUPE SV-02**	**SV-03**	**SV-04**	**SV-05**	**SV-06**	**SV-07**	**SV-08**	**SV-09**	**SV-10**	**SV-11**	**SV-12**	**Ambient Air**
Dichlorodifluoromethane (Freon 12)	TO-15	ND	ND	ND	**2.5**	ND	**1.9**	**2.7**	**2.6 J**	**3.3**	**29.7**	ND	**4.6**	**3.0**	**1.7**
Chloromethane	TO-15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.1**
1,2-Dichlorotetrafluoroethane (Freon 114)	TO-15	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.7 J**	ND	ND	ND	ND
Acetone	TO-15	**722.4**	ND	ND	**16.4**	**31.8**	**11.1**	**17.7**	**107.7**	**38.5**	**32.8**	**596.5**	**68.4**	**28.3**	**8.7**
Trichlorofluoromethane (Freon 11)	TO-15	**265.3 J**	**41.6**	**46.1 J**	**2.19 J**	ND	**1.8**	**2.3 J**	ND	ND	**2.2 J**	ND	**2.3 J**	**1.7 J**	**1.5**
Ethanol	TO-15	**209.3**	ND	ND	**14.8**	**16.3**	**8.8**	**7.4**	**48.5**	**23.4**	**16.3**	**414.8**	**32.8**	**13.5**	**12.3**
Methylene Chloride	TO-15	ND	ND	ND	ND	ND	**0.2**	ND	ND	ND	ND	ND	**4.0**	ND	**0.4**
1,1,2-Trichlorotrifluoroethane (Freon 113)	TO-15	ND	ND	ND	ND	ND	**0.5 J**	ND	ND	ND	ND	ND	ND	ND	**0.5 J**
Carbon disulfide	TO-15	**297.6**	ND	ND	**1.3**	ND	**0.3 J**	ND	ND	**0.7 J**	**0.8 J**	**119.5**	**1.0 J**	ND	ND
trans-1,2-Dichloroethene (DCE)	TO-15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropyl alcohol	TO-15	**299.4**	ND	ND	**3.9**	ND	**0.7 J**	**0.8 J**	**4.4**	**1.8**	**1.5**	**306.8**	**3.7**	**1.3**	**0.8 J**
2-Butanone (MEK)	TO-15	ND	ND	ND	**3.1**	ND	**1.1**	**5.0**	**32.1**	**15.3**	**11.6**	ND	**21.4**	**10.0**	**3.0**
cis-1,2-Dichloroethene (DCE)	TO-15	**598.8**	**126.9**	**221.3**	**22.6**	ND	**12.5**	ND	ND	ND	**1.1 J**	**3,033.4**	ND	**3.1**	ND
Hexane	TO-15	ND	ND	ND	**12.3**	ND	**1.7**	ND	**7.2**	**5.9**	**1.4 J**	**578.2**	**10.5**	**1.4 J**	**2.4**
Ethyl acetate	TO-15	ND	ND	ND	**4.1**	ND	ND	ND	**2.7 J**	**2.4**	**1.2 J**	ND	ND	**1.0 J**	**0.4**
Chloroform	TO-15	ND	ND	ND	**1.41 J**	ND	**1.5**	**6.0**	ND	**50.1**	**21.1**	ND	ND	**2.2 J**	ND
Tetrahydrofuran	TO-15	ND	ND	ND	**0.7**	ND	**0.8**	ND	**9.0**	**2.8**	**1.8**	ND	**4.5**	**2.0**	ND
1,1,1-Trichloroethane	TO-15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.2 J**	ND	ND
Benzene	TO-15	ND	ND	ND	**2.1**	**3.83 J**	**0.4**	**5.1**	**53.3**	**28.0**	**20.6**	ND	**45.0**	**12.9**	**0.8**
Carbon tetrachloride	TO-15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.4 J**
Cyclohexane	TO-15	ND	ND	ND	ND	ND	ND	ND	**1.7 J**	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	TO-15	ND	ND	ND	ND	ND	**0.7**	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	TO-15	ND	ND	ND	ND	ND	ND	**1.4 J**	ND	**1.5 J**	**5.0**	ND	ND	ND	ND
Trichloroethene (TCE)	TO-15	**628.8**	**203.2**	**302.0**	**161.2**	**62.3**	**15.6**	**14.4**	**36.2**	**3.3**	**7.9**	**1,945.5**	ND	**38.9**	ND
n-Heptane	TO-15	ND	ND	ND	**1.23 J**	ND	ND	ND	**12.4**	**4.0**	**2.8**	ND	**7.3**	**3.0**	ND
4-Methyl-2-pentanone (MIBK)	TO-15	**386.9**	ND	ND	ND	ND	ND	**1.9 J**	**18.9**	**12.6**	**11.0**	ND	**16.7**	**7.5**	ND
Toluene	TO-15	**288.6**	ND	ND	**3.4**	**24.5**	ND	**28.0**	**230.3**	**105.7**	**94.1**	**52.3 J**	**193.8**	**80.9**	**3.5**
Tetrachloroethene (PCE)	TO-15	**46,179.9**	**12,070.5**	**14,376.1 E**	**501.8**	**3,885.6 E**	**23.1**	**659.1**	**1,227.4**	**550.0**	**651.7**	**22,784.8**	**773.1 E**	**613.7**	**3.2**
Ethylbenzene	TO-15	ND	ND	ND	ND	**5.0 J**	ND	**7.2**	**60.7**	**30.1**	**27.4**	ND	**52.9**	**24.0**	**0.9**
m,p-Xylene	TO-15	ND	ND	ND	**3.1**	**20.8**	ND	**33.8**	**229.8**	**116.2**	**108.4**	ND	**212.9**	**94.9**	**3.3**
Styrene	TO-15	ND	ND	ND	ND	ND	ND	ND	**2.8 J**	ND	**1.4 J**	ND	**2.7**	**1.3 J**	ND
o-Xylene	TO-15	ND	ND	ND	ND	ND	ND	**8.2**	**63.3**	**30.3**	**27.7**	ND	**58.5**	**27.0**	**1.0**
Isopropylbenzene	TO-15	ND	ND	ND	ND	ND	ND	**1.3 J**	**10.9**	**9.1**	**8.8**	ND	**10.2**	**5.0**	ND
1,3,5-Trimethylbenzene	TO-15	ND	ND	ND	ND	ND	ND	**5.1**	**31.7**	**15.0**	**14.4**	ND	**31.9**	**14.6**	ND
4-Ethyltoluene	TO-15	ND	ND	ND	ND	ND	ND	**5.3**	**32.9**	**18.8**	**17.9**	ND	**34.5**	**16.4**	ND
1,2,4-Trimethylbenzene	TO-15	ND	ND	ND	ND	ND	ND	**32.9**	**149.9**	ND	**77.7**	ND	**158.3**	**77.7**	**1.1**
4-Isopropyltoluene	TO-15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**14.8**	ND	ND
Total PCE	**TO-15**	**46,179.9**	**12,070.5**	**14,376.1**	**501.8**	**3,885.6**	**23.1**	**659.1**	**1,227.4**	**550.0**	**651.7**	**22,784.8**	**773.1**	**613.7**	**3.2**
Total TCE	**TO-15**	**628.8**	**203.2**	**302.0**	**161.2**	**62.3**	**15.6**	**14.4**	**36.2**	**3.3**	**7.9**	**1,945.5**	**ND**	**38.9**	**ND**
Total DCE	**TO-15**	**598.8**	**126.9**	**221.3**	**22.6**	**ND**	**12.5**	**ND**	**ND**	**ND**	**1.1**	**3,033.4**	**ND**	**3.1**	**ND**

All values are reported in ug/m^3 - micrograms per cubic meter

Analytical Facility - Spectrum Analytical, Inc. - Agawam, MA

ND indicates value did not exceed laboratory minimum detection limit

Values in **BOLD** indicate concentrations detected above laboratory minimum detection limit

J = Laboratory Qualifier: detected above the method detection limit but below the reporting limit; therefore, results is an estimated concentration (CLP J-flag)

E = Laboratory Qualifier: concentration indicated for this analyte is an estimated value. This value is considered an estimate (CLP E-flag)

NA = Not Applicable/Not Available

Attachment D:
Groundwater Laboratory Analytical Report,
March 15, 2010

Adirondack Environmental Services Inc
Experience is the solution
314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

March 29, 2010

Shelia Paige
NYS DEC Region 4
1130 North Westcott Road
Schenectady, NY 12306

TEL: (518) 357-2045
FAX: (518) 357-2398

Work Order No: 100317030
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

RE: Brandywine Plume
Schenectady NY

Dear Shelia Paige:

Adirondack Environmental Services, Inc received 11 samples on 3/17/2010 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Tara Daniels
Laboratory Manager

ELAP#: 10709
AIHA#: 100307

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quanititation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	X - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Mar-10*

CLIENT: NYS DEC Region 4
Work Order: 100317030
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin #: 9706794 / H0926 / 117751

Client Sample ID: MW-AK
Collection Date: 3/15/2010
Lab Sample ID: 100317030-001
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/L	1	3/24/2010 6:04:00 PM
Bromomethane	< 10	10		µg/L	1	3/24/2010 6:04:00 PM
Vinyl chloride	< 10	10		µg/L	1	3/24/2010 6:04:00 PM
Chloroethane	< 10	10		µg/L	1	3/24/2010 6:04:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
Acetone	< 10	10		µg/L	1	3/24/2010 6:04:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
trans-1,2-Dichloroethene	8.1	5.0		µg/L	1	3/24/2010 6:04:00 PM
cis-1,2-Dichloroethene	160	5.0		µg/L	1	3/24/2010 6:04:00 PM
Chloroform	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
2-Butanone	< 10	10		µg/L	1	3/24/2010 6:04:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
Trichloroethene	11	5.0		µg/L	1	3/24/2010 6:04:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
Benzene	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
Bromoform	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	3/24/2010 6:04:00 PM
2-Hexanone	< 10	10		µg/L	1	3/24/2010 6:04:00 PM
Tetrachloroethene	45	5.0		µg/L	1	3/24/2010 6:04:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
Toluene	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
Styrene	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
m,p-Xylene	6.1	5.0		µg/L	1	3/24/2010 6:04:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	3/24/2010 6:04:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Mar-10*

CLIENT:	NYS DEC Region 4	**Client Sample ID:**	MW-AK
Work Order:	100317030	**Collection Date:**	3/15/2010
Reference:	Brandywine Plume / Schenectady NY	**Lab Sample ID:**	100317030-001
PO#:	C200302	**Matrix:**	GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
Cyclohexane	35	10		µg/L	1	3/24/2010 6:04:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
Methyl Cyclohexane	14	5.0		µg/L	1	3/24/2010 6:04:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	3/24/2010 6:04:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 6:04:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Mar-10*

CLIENT: NYS DEC Region 4
Work Order: 100317030
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin #: 9706794 / H0926 / 117751

Client Sample ID: MW-T
Collection Date: 3/15/2010
Lab Sample ID: 100317030-002
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/L	1	3/24/2010 6:28:00 PM
Bromomethane	< 10	10		µg/L	1	3/24/2010 6:28:00 PM
Vinyl chloride	< 10	10		µg/L	1	3/24/2010 6:28:00 PM
Chloroethane	< 10	10		µg/L	1	3/24/2010 6:28:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
Acetone	< 10	10		µg/L	1	3/24/2010 6:28:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
cis-1,2-Dichloroethene	7.4	5.0		µg/L	1	3/24/2010 6:28:00 PM
Chloroform	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
2-Butanone	< 10	10		µg/L	1	3/24/2010 6:28:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
Trichloroethene	6.6	5.0		µg/L	1	3/24/2010 6:28:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
Benzene	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
Bromoform	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	3/24/2010 6:28:00 PM
2-Hexanone	< 10	10		µg/L	1	3/24/2010 6:28:00 PM
Tetrachloroethene	42	5.0		µg/L	1	3/24/2010 6:28:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
Toluene	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
Styrene	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	3/24/2010 6:28:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Mar-10*

CLIENT:	NYS DEC Region 4	**Client Sample ID:**	MW-T
Work Order:	100317030	**Collection Date:**	3/15/2010
Reference:	Brandywine Plume / Schenectady NY	**Lab Sample ID:**	100317030-002
PO#:	C200302	**Matrix:**	GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
Cyclohexane	< 10	10		µg/L	1	3/24/2010 6:28:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	3/24/2010 6:28:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 6:28:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Mar-10*

CLIENT: NYS DEC Region 4
Work Order: 100317030
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-R
Collection Date: 3/15/2010
Lab Sample ID: 100317030-003
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/L	1	3/24/2010 6:53:00 PM
Bromomethane	< 10	10		µg/L	1	3/24/2010 6:53:00 PM
Vinyl chloride	< 10	10		µg/L	1	3/24/2010 6:53:00 PM
Chloroethane	< 10	10		µg/L	1	3/24/2010 6:53:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
Acetone	< 10	10		µg/L	1	3/24/2010 6:53:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
Chloroform	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
2-Butanone	< 10	10		µg/L	1	3/24/2010 6:53:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
Benzene	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
Bromoform	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	3/24/2010 6:53:00 PM
2-Hexanone	< 10	10		µg/L	1	3/24/2010 6:53:00 PM
Tetrachloroethene	29	5.0		µg/L	1	3/24/2010 6:53:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
Toluene	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
Styrene	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	3/24/2010 6:53:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100317030
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-R
Collection Date: 3/15/2010
Lab Sample ID: 100317030-003
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: MG
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
Cyclohexane	< 10	10		µg/L	1	3/24/2010 6:53:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	3/24/2010 6:53:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 6:53:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Mar-10*

CLIENT: NYS DEC Region 4
Work Order: 100317030
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-Q
Collection Date: 3/15/2010
Lab Sample ID: 100317030-004
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/L	1	3/24/2010 7:17:00 PM
Bromomethane	< 10	10		µg/L	1	3/24/2010 7:17:00 PM
Vinyl chloride	< 10	10		µg/L	1	3/24/2010 7:17:00 PM
Chloroethane	< 10	10		µg/L	1	3/24/2010 7:17:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
Acetone	< 10	10		µg/L	1	3/24/2010 7:17:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
Chloroform	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
2-Butanone	< 10	10		µg/L	1	3/24/2010 7:17:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
Benzene	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
Bromoform	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	3/24/2010 7:17:00 PM
2-Hexanone	< 10	10		µg/L	1	3/24/2010 7:17:00 PM
Tetrachloroethene	29	5.0		µg/L	1	3/24/2010 7:17:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
Toluene	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
Styrene	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	3/24/2010 7:17:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100317030
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-Q
Collection Date: 3/15/2010
Lab Sample ID: 100317030-004
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
Cyclohexane	< 10	10		µg/L	1	3/24/2010 7:17:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	3/24/2010 7:17:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 7:17:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
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R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Mar-10*

CLIENT: NYS DEC Region 4
Work Order: 100317030
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin #: 9706794 / H0926 / 117751

Client Sample ID: MW-S
Collection Date: 3/15/2010
Lab Sample ID: 100317030-005
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/L	1	3/24/2010 7:41:00 PM
Bromomethane	< 10	10		µg/L	1	3/24/2010 7:41:00 PM
Vinyl chloride	< 10	10		µg/L	1	3/24/2010 7:41:00 PM
Chloroethane	< 10	10		µg/L	1	3/24/2010 7:41:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
Acetone	< 10	10		µg/L	1	3/24/2010 7:41:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
cis-1,2-Dichloroethene	25	5.0		µg/L	1	3/24/2010 7:41:00 PM
Chloroform	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
2-Butanone	< 10	10		µg/L	1	3/24/2010 7:41:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
Trichloroethene	13	5.0		µg/L	1	3/24/2010 7:41:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
Benzene	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
Bromoform	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	3/24/2010 7:41:00 PM
2-Hexanone	< 10	10		µg/L	1	3/24/2010 7:41:00 PM
Tetrachloroethene	53	5.0		µg/L	1	3/24/2010 7:41:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
Toluene	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
Styrene	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	3/24/2010 7:41:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM

Qualifiers:

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J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Mar-10*

CLIENT: NYS DEC Region 4
Work Order: 100317030
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-S
Collection Date: 3/15/2010
Lab Sample ID: 100317030-005
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
Cyclohexane	< 10	10		µg/L	1	3/24/2010 7:41:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	3/24/2010 7:41:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 7:41:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
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T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Mar-10*

CLIENT: NYS DEC Region 4
Work Order: 100317030
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-W
Collection Date: 3/15/2010
Lab Sample ID: 100317030-006
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: MG
Chloromethane	< 10	10		µg/L	1	3/24/2010 8:05:00 PM
Bromomethane	< 10	10		µg/L	1	3/24/2010 8:05:00 PM
Vinyl chloride	< 10	10		µg/L	1	3/24/2010 8:05:00 PM
Chloroethane	< 10	10		µg/L	1	3/24/2010 8:05:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
Acetone	< 10	10		µg/L	1	3/24/2010 8:05:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
Chloroform	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
2-Butanone	< 10	10		µg/L	1	3/24/2010 8:05:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
Benzene	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
Bromoform	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	3/24/2010 8:05:00 PM
2-Hexanone	< 10	10		µg/L	1	3/24/2010 8:05:00 PM
Tetrachloroethene	9.6	5.0		µg/L	1	3/24/2010 8:05:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
Toluene	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
Styrene	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	3/24/2010 8:05:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100317030
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-W
Collection Date: 3/15/2010
Lab Sample ID: 100317030-006
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
Cyclohexane	< 10	10		µg/L	1	3/24/2010 8:05:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	3/24/2010 8:05:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 8:05:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Mar-10*

CLIENT: NYS DEC Region 4
Work Order: 100317030
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin #: 9706794 / H0926 / 117751

Client Sample ID: MW-X
Collection Date: 3/15/2010
Lab Sample ID: 100317030-007
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/L	1	3/24/2010 8:30:00 PM
Bromomethane	< 10	10		µg/L	1	3/24/2010 8:30:00 PM
Vinyl chloride	< 10	10		µg/L	1	3/24/2010 8:30:00 PM
Chloroethane	< 10	10		µg/L	1	3/24/2010 8:30:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
Acetone	< 10	10		µg/L	1	3/24/2010 8:30:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
Chloroform	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
2-Butanone	< 10	10		µg/L	1	3/24/2010 8:30:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
Benzene	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
Bromoform	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	3/24/2010 8:30:00 PM
2-Hexanone	< 10	10		µg/L	1	3/24/2010 8:30:00 PM
Tetrachloroethene	24	5.0		µg/L	1	3/24/2010 8:30:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
Toluene	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
Styrene	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	3/24/2010 8:30:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100317030
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-X
Collection Date: 3/15/2010
Lab Sample ID: 100317030-007
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: MG
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
Cyclohexane	< 10	10		µg/L	1	3/24/2010 8:30:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	3/24/2010 8:30:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	3/24/2010 8:30:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100317030
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-Z
Collection Date: 3/15/2010
Lab Sample ID: 100317030-008
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/L	1	3/26/2010 1:45:00 PM
Bromomethane	< 10	10		µg/L	1	3/26/2010 1:45:00 PM
Vinyl chloride	< 10	10		µg/L	1	3/26/2010 1:45:00 PM
Chloroethane	< 10	10		µg/L	1	3/26/2010 1:45:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
Acetone	< 10	10		µg/L	1	3/26/2010 1:45:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
1,1-Dichloroethene	< 5.0	5.0	S	µg/L	1	3/26/2010 1:45:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
Chloroform	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
2-Butanone	< 10	10		µg/L	1	3/26/2010 1:45:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0	S	µg/L	1	3/26/2010 1:45:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
Benzene	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
Bromoform	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	3/26/2010 1:45:00 PM
2-Hexanone	< 10	10		µg/L	1	3/26/2010 1:45:00 PM
Tetrachloroethene	54	5.0		µg/L	1	3/26/2010 1:45:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
Toluene	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
Styrene	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	3/26/2010 1:45:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM

Qualifiers:

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J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100317030
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-Z
Collection Date: 3/15/2010
Lab Sample ID: 100317030-008
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: MG
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
Cyclohexane	< 10	10		µg/L	1	3/26/2010 1:45:00 PM
Trichlorofluoromethane	< 5.0	5.0	S	µg/L	1	3/26/2010 1:45:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	3/26/2010 1:45:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	3/26/2010 1:45:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
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E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Mar-10*

CLIENT: NYS DEC Region 4
Work Order: 100317030
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-AB
Collection Date: 3/15/2010
Lab Sample ID: 100317030-009
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/L	1	3/26/2010 2:10:00 PM
Bromomethane	< 10	10		µg/L	1	3/26/2010 2:10:00 PM
Vinyl chloride	< 10	10		µg/L	1	3/26/2010 2:10:00 PM
Chloroethane	< 10	10		µg/L	1	3/26/2010 2:10:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
Acetone	< 10	10		µg/L	1	3/26/2010 2:10:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
1,1-Dichloroethene	< 5.0	5.0	S	µg/L	1	3/26/2010 2:10:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
Chloroform	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
2-Butanone	< 10	10		µg/L	1	3/26/2010 2:10:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0	S	µg/L	1	3/26/2010 2:10:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
Benzene	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
Bromoform	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	3/26/2010 2:10:00 PM
2-Hexanone	< 10	10		µg/L	1	3/26/2010 2:10:00 PM
Tetrachloroethene	10	5.0		µg/L	1	3/26/2010 2:10:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
Toluene	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
Styrene	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	3/26/2010 2:10:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM

Qualifiers:

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B - Analyte detected in the associated Method Blank
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100317030
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin #: 9706794 / H0926 / 117751

Client Sample ID: MW-AB
Collection Date: 3/15/2010
Lab Sample ID: 100317030-009
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: MG
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
Cyclohexane	< 10	10		µg/L	1	3/26/2010 2:10:00 PM
Trichlorofluoromethane	< 5.0	5.0	S	µg/L	1	3/26/2010 2:10:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	3/26/2010 2:10:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	3/26/2010 2:10:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Mar-10*

CLIENT:	NYS DEC Region 4	**Client Sample ID:**	MW-AH
Work Order:	100317030	**Collection Date:**	3/15/2010
Reference:	Brandywine Plume / Schenectady NY	**Lab Sample ID:**	100317030-010
PO#:	C200302	**Matrix:**	GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/L	1	3/26/2010 2:34:00 PM
Bromomethane	< 10	10		µg/L	1	3/26/2010 2:34:00 PM
Vinyl chloride	< 10	10		µg/L	1	3/26/2010 2:34:00 PM
Chloroethane	< 10	10		µg/L	1	3/26/2010 2:34:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
Acetone	< 10	10		µg/L	1	3/26/2010 2:34:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
1,1-Dichloroethene	< 5.0	5.0	S	µg/L	1	3/26/2010 2:34:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
cis-1,2-Dichloroethene	11	5.0		µg/L	1	3/26/2010 2:34:00 PM
Chloroform	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
2-Butanone	< 10	10		µg/L	1	3/26/2010 2:34:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0	S	µg/L	1	3/26/2010 2:34:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
Benzene	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
Bromoform	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	3/26/2010 2:34:00 PM
2-Hexanone	< 10	10		µg/L	1	3/26/2010 2:34:00 PM
Tetrachloroethene	11	5.0		µg/L	1	3/26/2010 2:34:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
Toluene	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
Styrene	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	3/26/2010 2:34:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100317030
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-AH
Collection Date: 3/15/2010
Lab Sample ID: 100317030-010
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
Cyclohexane	< 10	10		µg/L	1	3/26/2010 2:34:00 PM
Trichlorofluoromethane	< 5.0	5.0	S	µg/L	1	3/26/2010 2:34:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	3/26/2010 2:34:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	3/26/2010 2:34:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *29-Mar-10*

CLIENT: NYS DEC Region 4
Work Order: 100317030
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-AJ
Collection Date: 3/15/2010
Lab Sample ID: 100317030-011
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/L	1	3/26/2010 2:58:00 PM
Bromomethane	< 10	10		µg/L	1	3/26/2010 2:58:00 PM
Vinyl chloride	< 10	10		µg/L	1	3/26/2010 2:58:00 PM
Chloroethane	< 10	10		µg/L	1	3/26/2010 2:58:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
Acetone	< 10	10		µg/L	1	3/26/2010 2:58:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
1,1-Dichloroethene	< 5.0	5.0	S	µg/L	1	3/26/2010 2:58:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
Chloroform	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
2-Butanone	< 10	10		µg/L	1	3/26/2010 2:58:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0	S	µg/L	1	3/26/2010 2:58:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
Benzene	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
Bromoform	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	3/26/2010 2:58:00 PM
2-Hexanone	< 10	10		µg/L	1	3/26/2010 2:58:00 PM
Tetrachloroethene	9.2	5.0		µg/L	1	3/26/2010 2:58:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
Toluene	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
Styrene	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	3/26/2010 2:58:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100317030
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-AJ
Collection Date: 3/15/2010
Lab Sample ID: 100317030-011
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
Cyclohexane	< 10	10		µg/L	1	3/26/2010 2:58:00 PM
Trichlorofluoromethane	< 5.0	5.0	S	µg/L	1	3/26/2010 2:58:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	3/26/2010 2:58:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	3/26/2010 2:58:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

Adirondack Environmental Services, Inc.
Experience is the solution
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

CHAIN OF CUSTODY RECORD

AES Work Order # 10031703O

A full service analytical research laboratory offering solutions to environmental concerns

Client Name:	Address:	
NYSDEC - 4	1130 N. Westcott Rd, Schenectady, NY	
Send Report To:	Project Name (Location)	Samplers: (Names)
Sheilla Paige	Brandywine Plume	Dan Niezenberg
Client Phone No:	Client Fax No:	PO Number:
518 885 4399	518 885 4416	Samplers: (Signature)

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.	Sample Type: Matrix	Comp	Grab	Number of Cont's	Analysis Required
001	MW-AK	3/5/10	A/P	GW		X	2	~~8260 Full List~~ 8260 DEN 3/17/10
002	MW-T		A/P					
003	MW-R		A/P					
004	MW-Q		A/P					
005	MW-S		A/P					
006	MW-N		A/P					
007	MW-X		A/P					
008	MW-Z		A/P					
009	MW-AB		A/P					
010	MW-AH		A/P					
011	MW-AJ		A/P					
			A/P					
			A/P					
Nothing Follows			A/P					

Shipment Arrived Via:
FedEx UPS (Client) AES Other:_____

Turnaround Time Request:
☐ 1 Day ☐ 3 Day ☒ Normal
☐ 2 Day ☐ 5 Day

CC Report To / Special Instructions/Remarks:
please cc: Steve Phelps @ PES
spill # 9706794
PIN # H0926

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received for Laboratory by:	Date/Time 3/17/10 1:18

Temperature	Properly Preserved	Received Within Holding Times
Ambient or (Chilled)	(Y) N	(Y) N
Notes: 2°	Notes:	Notes:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services, Inc.®
Experience is the solution
314 North Pearl Street • Albany, New York 12207 • (518) 434-4546 • Fax (518) 434-0891

TERMS, CONDITIONS & LIMITATIONS

All service rendered by the **Adirondack Environmental Services, Inc.** are undertaken and all rates are based upon the following terms:

(a) Neither **Adirondack Environmental Services, Inc.**, nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.'s** performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.

(b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed or irrevocably waived.

(c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.

(d) In no event shall **Adirondack Environmental Services, Inc.**, its employees, agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.

(e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**

(f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.

(g) Payments by credit card are subject to a 3% additional charge.

Attachment E:
Soil Laboratory Analytical Report,
March 30 to April 2, 2010

PRECISION
ENVIRONMENTAL SERVICES, INC.

Adirondack Environmental Services Inc.

Experience is the solution

314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

April 21, 2010

Sheilla Paige
NYS DEC Region 4
srpaige@gw.dec.state.ny.us
Schenectady, NY 12306

TEL: (518) 357-2374
FAX: (518) 357-2398

Work Order No: 100407014
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

RE: Brandywine Plume
Schenectady NY

Dear Sheilla Paige:

Adirondack Environmental Services, Inc received 9 samples on 4/7/2010 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Tara Daniels
Laboratory Manager

ELAP#: 10709
AIHA#: 100307

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quanititation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	X - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Apr-10*

CLIENT: NYS DEC Region 4
Work Order: 100407014
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: SB-1 (20-22')
Collection Date: 3/30/2010
Lab Sample ID: 100407014-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/Kg	1	4/12/2010 12:32:00 PM
Bromomethane	< 10	10		µg/Kg	1	4/12/2010 12:32:00 PM
Vinyl chloride	< 10	10		µg/Kg	1	4/12/2010 12:32:00 PM
Chloroethane	< 10	10		µg/Kg	1	4/12/2010 12:32:00 PM
Methylene chloride	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
Acetone	< 10	10		µg/Kg	1	4/12/2010 12:32:00 PM
Carbon disulfide	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
1,1-Dichloroethene	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
1,1-Dichloroethane	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
Chloroform	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
1,2-Dichloroethane	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
2-Butanone	< 10	10		µg/Kg	1	4/12/2010 12:32:00 PM
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
Carbon tetrachloride	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
Bromodichloromethane	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
1,2-Dichloropropane	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
Trichloroethene	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
Dibromochloromethane	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
Benzene	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
Bromoform	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	4/12/2010 12:32:00 PM
2-Hexanone	< 10	10		µg/Kg	1	4/12/2010 12:32:00 PM
Tetrachloroethene	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
Toluene	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
Chlorobenzene	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
Ethylbenzene	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
Styrene	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
m,p-Xylene	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
o-Xylene	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
Methyl tert-butyl ether	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
Dichlorodifluoromethane	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
Methyl Acetate	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100407014
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin #: 9706794 / H0926 / 117751

Client Sample ID: SB-1 (20-22')
Collection Date: 3/30/2010
Lab Sample ID: 100407014-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
Trichlorofluoromethane	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
Cyclohexane	< 10	10		µg/Kg	1	4/12/2010 12:32:00 PM
Methyl Cyclohexane	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
1,2-Dibromoethane	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
Isopropylbenzene	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 12:32:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Apr-10*

CLIENT: NYS DEC Region 4
Work Order: 100407014
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: SB-2 (16-18')
Collection Date: 3/30/2010
Lab Sample ID: 100407014-002
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/Kg	1	4/12/2010 1:02:00 PM
Bromomethane	< 10	10		µg/Kg	1	4/12/2010 1:02:00 PM
Vinyl chloride	< 10	10		µg/Kg	1	4/12/2010 1:02:00 PM
Chloroethane	< 10	10		µg/Kg	1	4/12/2010 1:02:00 PM
Methylene chloride	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
Acetone	< 10	10		µg/Kg	1	4/12/2010 1:02:00 PM
Carbon disulfide	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
1,1-Dichloroethene	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
1,1-Dichloroethane	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
Chloroform	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
1,2-Dichloroethane	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
2-Butanone	< 10	10		µg/Kg	1	4/12/2010 1:02:00 PM
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
Carbon tetrachloride	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
Bromodichloromethane	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
1,2-Dichloropropane	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
Trichloroethene	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
Dibromochloromethane	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
Benzene	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
Bromoform	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	4/12/2010 1:02:00 PM
2-Hexanone	< 10	10		µg/Kg	1	4/12/2010 1:02:00 PM
Tetrachloroethene	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
Toluene	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
Chlorobenzene	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
Ethylbenzene	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
Styrene	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
m,p-Xylene	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
o-Xylene	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
Methyl tert-butyl ether	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
Dichlorodifluoromethane	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
Methyl Acetate	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Apr-10*

CLIENT:	NYS DEC Region 4	**Client Sample ID:**	SB-2 (16-18')
Work Order:	100407014	**Collection Date:**	3/30/2010
Reference:	Brandywine Plume / Schenectady NY	**Lab Sample ID:**	100407014-002
PO#:	C200302	**Matrix:**	SOIL

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
Trichlorofluoromethane	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
Cyclohexane	< 10	10		µg/Kg	1	4/12/2010 1:02:00 PM
Methyl Cyclohexane	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
1,2-Dibromoethane	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
Isopropylbenzene	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 1:02:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Apr-10*

CLIENT: NYS DEC Region 4
Work Order: 100407014
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin #: 9706794 / H0926 / 117751

Client Sample ID: SB-3 (18-20')
Collection Date: 3/30/2010
Lab Sample ID: 100407014-003
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/Kg	1	4/9/2010 3:59:00 PM
Bromomethane	< 10	10		µg/Kg	1	4/9/2010 3:59:00 PM
Vinyl chloride	< 10	10		µg/Kg	1	4/9/2010 3:59:00 PM
Chloroethane	< 10	10		µg/Kg	1	4/9/2010 3:59:00 PM
Methylene chloride	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
Acetone	< 10	10		µg/Kg	1	4/9/2010 3:59:00 PM
Carbon disulfide	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
1,1-Dichloroethene	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
1,1-Dichloroethane	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
Chloroform	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
1,2-Dichloroethane	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
2-Butanone	< 10	10		µg/Kg	1	4/9/2010 3:59:00 PM
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
Carbon tetrachloride	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
Bromodichloromethane	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
1,2-Dichloropropane	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
Trichloroethene	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
Dibromochloromethane	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
Benzene	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
Bromoform	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	4/9/2010 3:59:00 PM
2-Hexanone	< 10	10		µg/Kg	1	4/9/2010 3:59:00 PM
Tetrachloroethene	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
Toluene	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
Chlorobenzene	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
Ethylbenzene	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
Styrene	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
m,p-Xylene	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
o-Xylene	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
Methyl tert-butyl ether	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
Dichlorodifluoromethane	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
Methyl Acetate	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100407014
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin #: 9706794 / H0926 / 117751

Client Sample ID: SB-3 (18-20')
Collection Date: 3/30/2010
Lab Sample ID: 100407014-003
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
Trichlorofluoromethane	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
Cyclohexane	< 10	10		µg/Kg	1	4/9/2010 3:59:00 PM
Methyl Cyclohexane	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
1,2-Dibromoethane	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
Isopropylbenzene	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	4/9/2010 3:59:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100407014
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: SB-4 (20-22')
Collection Date: 3/30/2010
Lab Sample ID: 100407014-004
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: MG
Chloromethane	< 10	10		µg/Kg	1	4/9/2010 4:28:00 PM
Bromomethane	< 10	10		µg/Kg	1	4/9/2010 4:28:00 PM
Vinyl chloride	< 10	10		µg/Kg	1	4/9/2010 4:28:00 PM
Chloroethane	< 10	10		µg/Kg	1	4/9/2010 4:28:00 PM
Methylene chloride	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
Acetone	< 10	10		µg/Kg	1	4/9/2010 4:28:00 PM
Carbon disulfide	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
1,1-Dichloroethene	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
1,1-Dichloroethane	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
Chloroform	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
1,2-Dichloroethane	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
2-Butanone	< 10	10		µg/Kg	1	4/9/2010 4:28:00 PM
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
Carbon tetrachloride	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
Bromodichloromethane	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
1,2-Dichloropropane	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
Trichloroethene	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
Dibromochloromethane	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
Benzene	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
Bromoform	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	4/9/2010 4:28:00 PM
2-Hexanone	< 10	10		µg/Kg	1	4/9/2010 4:28:00 PM
Tetrachloroethene	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
Toluene	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
Chlorobenzene	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
Ethylbenzene	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
Styrene	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
m,p-Xylene	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
o-Xylene	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
Methyl tert-butyl ether	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
Dichlorodifluoromethane	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
Methyl Acetate	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM

Qualifiers:
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X - Value exceeds Maximum Contaminant Level
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R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Apr-10*

CLIENT: NYS DEC Region 4
Work Order: 100407014
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: SB-4 (20-22')
Collection Date: 3/30/2010
Lab Sample ID: 100407014-004
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: MG
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
Trichlorofluoromethane	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
Cyclohexane	< 10	10		µg/Kg	1	4/9/2010 4:28:00 PM
Methyl Cyclohexane	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
1,2-Dibromoethane	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
Isopropylbenzene	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	4/9/2010 4:28:00 PM

Qualifiers:

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B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
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R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Apr-10*

CLIENT: NYS DEC Region 4
Work Order: 100407014
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin #: 9706794 / H0926 / 117751

Client Sample ID: SB-5 (18-20')
Collection Date: 4/2/2010
Lab Sample ID: 100407014-005
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/Kg	1	4/9/2010 4:57:00 PM
Bromomethane	< 10	10		µg/Kg	1	4/9/2010 4:57:00 PM
Vinyl chloride	< 10	10		µg/Kg	1	4/9/2010 4:57:00 PM
Chloroethane	< 10	10		µg/Kg	1	4/9/2010 4:57:00 PM
Methylene chloride	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
Acetone	< 10	10		µg/Kg	1	4/9/2010 4:57:00 PM
Carbon disulfide	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
1,1-Dichloroethene	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
1,1-Dichloroethane	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
Chloroform	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
1,2-Dichloroethane	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
2-Butanone	< 10	10		µg/Kg	1	4/9/2010 4:57:00 PM
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
Carbon tetrachloride	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
Bromodichloromethane	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
1,2-Dichloropropane	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
Trichloroethene	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
Dibromochloromethane	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
Benzene	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
Bromoform	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	4/9/2010 4:57:00 PM
2-Hexanone	< 10	10		µg/Kg	1	4/9/2010 4:57:00 PM
Tetrachloroethene	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
Toluene	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
Chlorobenzene	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
Ethylbenzene	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
Styrene	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
m,p-Xylene	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
o-Xylene	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
Methyl tert-butyl ether	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
Dichlorodifluoromethane	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
Methyl Acetate	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM

Qualifiers:

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J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100407014
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: SB-5 (18-20')
Collection Date: 4/2/2010
Lab Sample ID: 100407014-005
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: MG
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
Trichlorofluoromethane	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
Cyclohexane	< 10	10		µg/Kg	1	4/9/2010 4:57:00 PM
Methyl Cyclohexane	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
1,2-Dibromoethane	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
Isopropylbenzene	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	4/9/2010 4:57:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100407014
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin #: 9706794 / H0926 / 117751

Client Sample ID: SB-5 (4-6')
Collection Date: 4/2/2010
Lab Sample ID: 100407014-006
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/Kg	1	4/12/2010 1:31:00 PM
Bromomethane	< 10	10		µg/Kg	1	4/12/2010 1:31:00 PM
Vinyl chloride	< 10	10		µg/Kg	1	4/12/2010 1:31:00 PM
Chloroethane	< 10	10		µg/Kg	1	4/12/2010 1:31:00 PM
Methylene chloride	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
Acetone	< 10	10		µg/Kg	1	4/12/2010 1:31:00 PM
Carbon disulfide	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
1,1-Dichloroethene	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
1,1-Dichloroethane	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
Chloroform	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
1,2-Dichloroethane	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
2-Butanone	< 10	10		µg/Kg	1	4/12/2010 1:31:00 PM
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
Carbon tetrachloride	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
Bromodichloromethane	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
1,2-Dichloropropane	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
Trichloroethene	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
Dibromochloromethane	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
Benzene	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
Bromoform	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	4/12/2010 1:31:00 PM
2-Hexanone	< 10	10		µg/Kg	1	4/12/2010 1:31:00 PM
Tetrachloroethene	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
Toluene	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
Chlorobenzene	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
Ethylbenzene	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
Styrene	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
m,p-Xylene	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
o-Xylene	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
Methyl tert-butyl ether	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
Dichlorodifluoromethane	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
Methyl Acetate	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100407014
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: SB-5 (4-6')
Collection Date: 4/2/2010
Lab Sample ID: 100407014-006
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: MG
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
Trichlorofluoromethane	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
Cyclohexane	< 10	10		µg/Kg	1	4/12/2010 1:31:00 PM
Methyl Cyclohexane	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
1,2-Dibromoethane	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
Isopropylbenzene	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 1:31:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Apr-10*

CLIENT: NYS DEC Region 4
Work Order: 100407014
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: SB-6 (6-8')
Collection Date: 4/2/2010
Lab Sample ID: 100407014-007
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/Kg	1	4/12/2010 2:00:00 PM
Bromomethane	< 10	10		µg/Kg	1	4/12/2010 2:00:00 PM
Vinyl chloride	< 10	10		µg/Kg	1	4/12/2010 2:00:00 PM
Chloroethane	< 10	10		µg/Kg	1	4/12/2010 2:00:00 PM
Methylene chloride	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
Acetone	< 10	10		µg/Kg	1	4/12/2010 2:00:00 PM
Carbon disulfide	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
1,1-Dichloroethene	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
1,1-Dichloroethane	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
Chloroform	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
1,2-Dichloroethane	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
2-Butanone	< 10	10		µg/Kg	1	4/12/2010 2:00:00 PM
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
Carbon tetrachloride	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
Bromodichloromethane	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
1,2-Dichloropropane	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
Trichloroethene	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
Dibromochloromethane	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
Benzene	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
Bromoform	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	4/12/2010 2:00:00 PM
2-Hexanone	< 10	10		µg/Kg	1	4/12/2010 2:00:00 PM
Tetrachloroethene	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
Toluene	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
Chlorobenzene	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
Ethylbenzene	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
Styrene	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
m,p-Xylene	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
o-Xylene	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
Methyl tert-butyl ether	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
Dichlorodifluoromethane	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
Methyl Acetate	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100407014
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: SB-6 (6-8')
Collection Date: 4/2/2010
Lab Sample ID: 100407014-007
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
Trichlorofluoromethane	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
Cyclohexane	< 10	10		µg/Kg	1	4/12/2010 2:00:00 PM
Methyl Cyclohexane	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
1,2-Dibromoethane	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
Isopropylbenzene	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 2:00:00 PM

Qualifiers:

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J - Analyte detected below quanititation limits
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E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Apr-10*

CLIENT: NYS DEC Region 4
Work Order: 100407014
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin #: 9706794 / H0926 / 117751

Client Sample ID: SB-6 (18-20')
Collection Date: 4/2/2010
Lab Sample ID: 100407014-008
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/Kg	1	4/12/2010 2:29:00 PM
Bromomethane	< 10	10		µg/Kg	1	4/12/2010 2:29:00 PM
Vinyl chloride	< 10	10		µg/Kg	1	4/12/2010 2:29:00 PM
Chloroethane	< 10	10		µg/Kg	1	4/12/2010 2:29:00 PM
Methylene chloride	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
Acetone	< 10	10		µg/Kg	1	4/12/2010 2:29:00 PM
Carbon disulfide	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
1,1-Dichloroethene	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
1,1-Dichloroethane	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
Chloroform	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
1,2-Dichloroethane	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
2-Butanone	< 10	10		µg/Kg	1	4/12/2010 2:29:00 PM
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
Carbon tetrachloride	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
Bromodichloromethane	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
1,2-Dichloropropane	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
Trichloroethene	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
Dibromochloromethane	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
Benzene	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
Bromoform	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	4/12/2010 2:29:00 PM
2-Hexanone	< 10	10		µg/Kg	1	4/12/2010 2:29:00 PM
Tetrachloroethene	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
Toluene	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
Chlorobenzene	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
Ethylbenzene	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
Styrene	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
m,p-Xylene	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
o-Xylene	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
Methyl tert-butyl ether	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
Dichlorodifluoromethane	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
Methyl Acetate	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM

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E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Apr-10*

CLIENT: NYS DEC Region 4
Work Order: 100407014
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin #: 9706794 / H0926 / 117751

Client Sample ID: SB-6 (18-20')
Collection Date: 4/2/2010
Lab Sample ID: 100407014-008
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
Trichlorofluoromethane	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
Cyclohexane	< 10	10		µg/Kg	1	4/12/2010 2:29:00 PM
Methyl Cyclohexane	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
1,2-Dibromoethane	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
Isopropylbenzene	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 2:29:00 PM

Qualifiers:

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T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Apr-10*

CLIENT: NYS DEC Region 4
Work Order: 100407014
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: SB-7 (22-24')
Collection Date: 4/2/2010
Lab Sample ID: 100407014-009
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
Chloromethane	< 10	10		µg/Kg	1	4/12/2010 2:58:00 PM
Bromomethane	< 10	10		µg/Kg	1	4/12/2010 2:58:00 PM
Vinyl chloride	< 10	10		µg/Kg	1	4/12/2010 2:58:00 PM
Chloroethane	< 10	10		µg/Kg	1	4/12/2010 2:58:00 PM
Methylene chloride	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
Acetone	< 10	10		µg/Kg	1	4/12/2010 2:58:00 PM
Carbon disulfide	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
1,1-Dichloroethene	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
1,1-Dichloroethane	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
Chloroform	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
1,2-Dichloroethane	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
2-Butanone	< 10	10		µg/Kg	1	4/12/2010 2:58:00 PM
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
Carbon tetrachloride	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
Bromodichloromethane	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
1,2-Dichloropropane	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
Trichloroethene	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
Dibromochloromethane	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
Benzene	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
Bromoform	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	4/12/2010 2:58:00 PM
2-Hexanone	< 10	10		µg/Kg	1	4/12/2010 2:58:00 PM
Tetrachloroethene	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
Toluene	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
Chlorobenzene	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
Ethylbenzene	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
Styrene	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
m,p-Xylene	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
o-Xylene	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
Methyl tert-butyl ether	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
Dichlorodifluoromethane	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
Methyl Acetate	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100407014
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin #: 9706794 / H0926 / 117751

Client Sample ID: SB-7 (22-24')
Collection Date: 4/2/2010
Lab Sample ID: 100407014-009
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **MG**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
Trichlorofluoromethane	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
Cyclohexane	< 10	10		µg/Kg	1	4/12/2010 2:58:00 PM
Methyl Cyclohexane	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
1,2-Dibromoethane	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
Isopropylbenzene	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	4/12/2010 2:58:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services Inc.

Experience is the solution

314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

CHAIN OF CUSTODY RECORD

AES Work Order # 1004070 14

A full service analytical research laboratory offering solutions to environmental concerns

Client Name: NYSDEC-4	Address: 1130 N. Westcott Rd, Schenectady, NY	
Send Report To: Sheilla Paige	Project Name (Location) BRANDYWINE Plume	Samplers: (Names) Dan Nierenberg
Client Phone No: 5188854399	Client Fax No: 5188854416	PO Number: Spill # 9706794 PIN # H0926
		Samplers: (Signature) D E K

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.	Sample Type: Matrix	Comp	Grab	Number of Cont's	Analysis Required
001	SB-1 (20-22')	3/30/10	A P	S		X	1	8260
002	SB-2 (16-18')		A P					
003	SB-3 (18-20')		A P					
004	SB-4 (20-22')		A P					
005	SB-5 (18-20')	4/2/10	A P					
006	SB-5 (4-6')		A P					
007	★ SB-6 (6-8')		A P					★
008	★ SB-6 (18-20')		A P					★
009	SB-7 (22-24')		A P					

Nothing Follows

Spoke to Dan wants to run samples SB-6 6-8' & 18-20' JMM 4/8/10

Shipment Arrived Via: FedEx UPS Client AES Other:_____

Turnaround Time Request: ☐ 1 Day ☐ 3 Day ☒ Normal ☐ 2 Day ☐ 5 Day

CC Report To / Special Instructions/Remarks:
please cc: Dan Nierenberg @ PBS
★ please hold sample until authorize analysis

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
D E K		
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received for Laboratory by: J. Miranda	Date/Time 4/7/10 9:29 AM

Temperature	Properly Preserved	Received Within Holding Times
Ambient or (Chilled)	(Y) N	(Y) N
Notes: 2	Notes:	Notes:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services, Inc.®
Experience is the solution
314 North Pearl Street • Albany, New York 12207 • (518) 434-4546 • Fax (518) 434-0891

TERMS, CONDITIONS & LIMITATIONS

All service rendered by the **Adirondack Environmental Services, Inc.** are undertaken and all rates are based upon the following terms:

(a) Neither **Adirondack Environmental Services, Inc.**, nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.**'s performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.

(b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed or irrevocably waived.

(c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.

(d) In no event shall **Adirondack Environmental Services, Inc.**, its employees, agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.

(e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**

(f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.

(g) Payments by credit card are subject to a 3% additional charge.

Attachment F:
Groundwater Laboratory Analytical Report,
April 13, 2010

PRECISION
ENVIRONMENTAL SERVICES, INC.

Adirondack Environmental Services Inc
Experience is the solution
314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

April 22, 2010

Sheilla Paige
NYS DEC Region 4
srpaige@gw.dec.state.ny.us
Schenectady, NY 12306

TEL: (518) 357-2374
FAX: (518) 357-2398

Work Order No: 100416025
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

RE: Brandywine Plume
Schenectady NY

Dear Sheilla Paige:

Adirondack Environmental Services, Inc received 7 samples on 4/16/2010 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Tara Daniels
Laboratory Manager

ELAP#: 10709
AIHA#: 100307

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quanititation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	X - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Apr-10*

CLIENT: NYS DEC Region 4
Work Order: 100416025
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-01
Collection Date: 4/13/2010
Lab Sample ID: 100416025-001
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	4/21/2010 5:42:00 PM
Bromomethane	< 10	10		µg/L	1	4/21/2010 5:42:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/21/2010 5:42:00 PM
Chloroethane	< 10	10		µg/L	1	4/21/2010 5:42:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
Acetone	< 10	10		µg/L	1	4/21/2010 5:42:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
2-Butanone	< 10	10		µg/L	1	4/21/2010 5:42:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/21/2010 5:42:00 PM
2-Hexanone	< 10	10		µg/L	1	4/21/2010 5:42:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/21/2010 5:42:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100416025
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-01
Collection Date: 4/13/2010
Lab Sample ID: 100416025-001
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: ML
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
Cyclohexane	< 10	10		µg/L	1	4/21/2010 5:42:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 5:42:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/21/2010 5:42:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0	S	µg/L	1	4/21/2010 5:42:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Apr-10*

CLIENT: NYS DEC Region 4
Work Order: 100416025
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin #: 9706794 / H0926 / 117751

Client Sample ID: MW-02
Collection Date: 4/13/2010
Lab Sample ID: 100416025-002
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	4/21/2010 6:11:00 PM
Bromomethane	< 10	10		µg/L	1	4/21/2010 6:11:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/21/2010 6:11:00 PM
Chloroethane	< 10	10		µg/L	1	4/21/2010 6:11:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
Acetone	< 10	10		µg/L	1	4/21/2010 6:11:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
2-Butanone	< 10	10		µg/L	1	4/21/2010 6:11:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/21/2010 6:11:00 PM
2-Hexanone	< 10	10		µg/L	1	4/21/2010 6:11:00 PM
Tetrachloroethene	38	5.0		µg/L	1	4/21/2010 6:11:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/21/2010 6:11:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100416025
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-02
Collection Date: 4/13/2010
Lab Sample ID: 100416025-002
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: ML
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
Cyclohexane	< 10	10		µg/L	1	4/21/2010 6:11:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 6:11:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/21/2010 6:11:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0	S	µg/L	1	4/21/2010 6:11:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
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T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100416025
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-03
Collection Date: 4/13/2010
Lab Sample ID: 100416025-003
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	4/21/2010 6:40:00 PM
Bromomethane	< 10	10		µg/L	1	4/21/2010 6:40:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/21/2010 6:40:00 PM
Chloroethane	< 10	10		µg/L	1	4/21/2010 6:40:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
Acetone	< 10	10		µg/L	1	4/21/2010 6:40:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
2-Butanone	< 10	10		µg/L	1	4/21/2010 6:40:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/21/2010 6:40:00 PM
2-Hexanone	< 10	10		µg/L	1	4/21/2010 6:40:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/21/2010 6:40:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

CLIENT:	NYS DEC Region 4	**Client Sample ID:**	MW-03
Work Order:	100416025	**Collection Date:**	4/13/2010
Reference:	Brandywine Plume / Schenectady NY	**Lab Sample ID:**	100416025-003
PO#:	C200302	**Matrix:**	GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
Cyclohexane	< 10	10		µg/L	1	4/21/2010 6:40:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 6:40:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/21/2010 6:40:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0	S	µg/L	1	4/21/2010 6:40:00 PM

Adirondack Environmental Services, Inc

Date: *22-Apr-10*

CLIENT: NYS DEC Region 4
Work Order: 100416025
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin #: 9706794 / H0926 / 117751

Client Sample ID: MW-04
Collection Date: 4/13/2010
Lab Sample ID: 100416025-004
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	4/21/2010 7:09:00 PM
Bromomethane	< 10	10		µg/L	1	4/21/2010 7:09:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/21/2010 7:09:00 PM
Chloroethane	< 10	10		µg/L	1	4/21/2010 7:09:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
Acetone	< 10	10		µg/L	1	4/21/2010 7:09:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
2-Butanone	< 10	10		µg/L	1	4/21/2010 7:09:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/21/2010 7:09:00 PM
2-Hexanone	< 10	10		µg/L	1	4/21/2010 7:09:00 PM
Tetrachloroethene	8.5	5.0		µg/L	1	4/21/2010 7:09:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/21/2010 7:09:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100416025
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-04
Collection Date: 4/13/2010
Lab Sample ID: 100416025-004
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
Cyclohexane	< 10	10		µg/L	1	4/21/2010 7:09:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 7:09:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/21/2010 7:09:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0	S	µg/L	1	4/21/2010 7:09:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Apr-10*

CLIENT: NYS DEC Region 4
Work Order: 100416025
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-05
Collection Date: 4/13/2010
Lab Sample ID: 100416025-005
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	4/21/2010 7:38:00 PM
Bromomethane	< 10	10		µg/L	1	4/21/2010 7:38:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/21/2010 7:38:00 PM
Chloroethane	< 10	10		µg/L	1	4/21/2010 7:38:00 PM
Methylene chloride	5.1	5.0		µg/L	1	4/21/2010 7:38:00 PM
Acetone	< 10	10		µg/L	1	4/21/2010 7:38:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
2-Butanone	< 10	10		µg/L	1	4/21/2010 7:38:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/21/2010 7:38:00 PM
2-Hexanone	< 10	10		µg/L	1	4/21/2010 7:38:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/21/2010 7:38:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100416025
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-05
Collection Date: 4/13/2010
Lab Sample ID: 100416025-005
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
Cyclohexane	< 10	10		µg/L	1	4/21/2010 7:38:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 7:38:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/21/2010 7:38:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0	S	µg/L	1	4/21/2010 7:38:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Apr-10*

CLIENT: NYS DEC Region 4
Work Order: 100416025
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-06
Collection Date: 4/13/2010
Lab Sample ID: 100416025-006
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	4/21/2010 8:07:00 PM
Bromomethane	< 10	10		µg/L	1	4/21/2010 8:07:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/21/2010 8:07:00 PM
Chloroethane	< 10	10		µg/L	1	4/21/2010 8:07:00 PM
Methylene chloride	5.1	5.0		µg/L	1	4/21/2010 8:07:00 PM
Acetone	< 10	10		µg/L	1	4/21/2010 8:07:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
2-Butanone	< 10	10		µg/L	1	4/21/2010 8:07:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/21/2010 8:07:00 PM
2-Hexanone	< 10	10		µg/L	1	4/21/2010 8:07:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/21/2010 8:07:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM

Qualifiers:

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J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

CLIENT: NYS DEC Region 4
Work Order: 100416025
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-06
Collection Date: 4/13/2010
Lab Sample ID: 100416025-006
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
Cyclohexane	< 10	10		µg/L	1	4/21/2010 8:07:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 8:07:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/21/2010 8:07:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0	S	µg/L	1	4/21/2010 8:07:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Apr-10*

CLIENT: NYS DEC Region 4
Work Order: 100416025
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-07
Collection Date: 4/13/2010
Lab Sample ID: 100416025-007
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	4/21/2010 8:35:00 PM
Bromomethane	< 10	10		µg/L	1	4/21/2010 8:35:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/21/2010 8:35:00 PM
Chloroethane	< 10	10		µg/L	1	4/21/2010 8:35:00 PM
Methylene chloride	5.2	5.0		µg/L	1	4/21/2010 8:35:00 PM
Acetone	< 10	10		µg/L	1	4/21/2010 8:35:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
2-Butanone	< 10	10		µg/L	1	4/21/2010 8:35:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/21/2010 8:35:00 PM
2-Hexanone	< 10	10		µg/L	1	4/21/2010 8:35:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/21/2010 8:35:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *22-Apr-10*

CLIENT: NYS DEC Region 4
Work Order: 100416025
Reference: Brandywine Plume / Schenectady NY
PO#: C200302
Spill # / Pin # : 9706794 / H0926 / 117751

Client Sample ID: MW-07
Collection Date: 4/13/2010
Lab Sample ID: 100416025-007
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
Cyclohexane	< 10	10		µg/L	1	4/21/2010 8:35:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/21/2010 8:35:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/21/2010 8:35:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0	S	µg/L	1	4/21/2010 8:35:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

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314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

CHAIN OF CUSTODY RECORD

AES Work Order # 10041G025

A full service analytical research laboratory offering solutions to environmental concerns

Client Name:	Address:		
NYSDEC-4	1130 N. Westcott Rd, Schenectady, NY		
Send Report To:	Project Name (Location)	Samplers: (Names)	
Sheilla Paige	Branchpine Plume	Dan Nierenberg	
Client Phone No:	Client Fax No:	PO Number:	Samplers: (Signature)
5188854399	5188854416		D Nierenberg

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.		Sample Type: Matrix	Comp	Grab	Number of Cont's	Analysis Required
001	MW-01	4/13/10	1503	A (P)	GW		X	2	8260
002	MW-02		1455	A (P)					
003	MW-03		1445	A (P)					
004	MW-04		1440	A (P)					
005	MW-05		1429	A (P)					
006	MW-06		1423	A (P)					
007	MW-07		1412	A (P)					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					

Nothing follows

Shipment Arrived Via:
FedEx UPS Client AES Other:_____

Turnaround Time Request:
☐ 1 Day ☐ 3 Day ☒ Normal
☐ 2 Day ☐ 5 Day

CC Report To / Special Instructions/Remarks:
please cc: Dan Nierenberg @ PDS
Spill # 9706794
PIN # H0926

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
D Nierenberg		
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received for Laboratory by:	Date/Time
	[illegible]	4-16-10 9:04 AM

Temperature	Properly Preserved	Received Within Holding Times
Ambient or Chilled 6°C	Y N	Y N
Notes:	Notes:	Notes:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Adirondack Environmental Services Inc.
Experience is the solution
314 North Pearl Street • Albany, New York 12207 • (518) 434-4546 • Fax (518) 434-0891

TERMS, CONDITIONS & LIMITATIONS

All service rendered by the **Adirondack Environmental Services, Inc.** are undertaken and all rates are based upon the following terms:

(a) Neither **Adirondack Environmental Services, Inc.**, nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.'s** performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.

(b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed or irrevocably waived.

(c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.

(d) In no event shall **Adirondack Environmental Services, Inc.**, its employees, agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.

(e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**

(f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.

(g) Payments by credit card are subject to a 3% additional charge.

Attachment G:
Soil Vapor Laboratory Analytical Report,
May 26, 2010

PRECISION
ENVIRONMENTAL SERVICES, INC.

Report Date:
14-Jun-10 13:48

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Precision Environmental Services, Inc.
831 Route 67, Lot 38A
Ballston Spa, NY 12020
Attn: Daniel Nuerenberg

Project: Brandywine Plume Delineation, NY
Project #: 4-47-040

Laboratory ID	Client Sample ID	Container	Matrix	Date Sampled	Date Received
SB12974-01	SV-01	Summa canister 6 liter	Air	26-May-10 11:40	01-Jun-10 13:20
SB12974-02	SV-02	Summa canister 6 liter	Air	26-May-10 12:00	01-Jun-10 13:20
SB12974-03	SV-03	Summa canister 6 liter	Air	26-May-10 12:30	01-Jun-10 13:20
SB12974-04	SV-04	Summa canister 6 liter	Air	26-May-10 13:00	01-Jun-10 13:20
SB12974-05	SV-05	Summa canister 6 liter	Air	26-May-10 13:15	01-Jun-10 13:20
SB12974-06	SV-06	Summa canister 6 liter	Air	26-May-10 13:52	01-Jun-10 13:20
SB12974-07	SV-09	Summa canister 6 liter	Air	26-May-10 14:53	01-Jun-10 13:20
SB12974-08	SV-08	Summa canister 6 liter	Air	26-May-10 15:13	01-Jun-10 13:20
SB12974-09	SV-07	Summa canister 6 liter	Air	26-May-10 13:30	01-Jun-10 13:20
SB12974-10	SV-10	Summa canister 6 liter	Air	26-May-10 12:40	01-Jun-10 13:20
SB12974-11	SV-11	Summa canister 6 liter	Air	26-May-10 14:37	01-Jun-10 13:20
SB12974-12	SV-12	Summa canister 6 liter	Air	26-May-10 14:00	01-Jun-10 13:20
SB12974-13	Dupe	Summa canister 6 liter	Air	26-May-10 12:00	01-Jun-10 13:20
SB12974-14	Ambient	Summa canister 6 liter	Air	26-May-10 15:20	01-Jun-10 13:20

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Technical Reviewer's Initial:

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.
Please note that this report contains 60 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

CASE NARRATIVE:

Samples are received and the pressure is recorded from the gauge on the canister. If a canister does not have a gauge, a vacuum gauge is attached to the valve and pressure is recorded. If the canister is below -10 psig, the can must be pressurized to 0 psig. Tedlar bags do not have the pressure recorded. The can pressure can be located within this report in the sample header information.

If a Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

EPA TO-15

Calibration:

Calibration 1005001

The %RSD for analyte Naphthalene is 34.6%. The calculated %RSD for the RRF for each compound in the calibration must be less than 30% with at most two exceptions up to a limit of 40%. This affected the following samples:

Dupe
SV-01
SV-02
SV-03
SV-04
SV-06
SV-07
SV-08
SV-09
SV-10
SV-11
SV-12

Laboratory Control Samples:

1011922 BS

Bromoform percent recovery 68 (70-130) is outside individual acceptance criteria, but within overall method allowances. All reported results of the following samples are considered to have a potentially low bias:

SV-11

Samples:

SB12974-01 *SV-01*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB12974-02 *SV-02*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB12974-03 *SV-03*

This sample was not able to be analyzed for client requested reporting limits due to high concentrations of target analytes in the sample.

SB12974-04 *SV-04*

The concentration indicated for this analyte is an estimated value. This value is considered an estimate (CLP E-flag).

Tetrachloroethene

EPA TO-15

Samples:

SB12974-04 *SV-04*

This sample was not able to be analyzed for client requested reporting limits due to high concentrations of target analytes in the sample.

SB12974-04RE1 *SV-04*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB12974-06 *SV-06*

This sample was not able to be analyzed for client requested reporting limits due to high concentrations of target analytes in the sample.

SB12974-07 *SV-09*

This sample was not able to be analyzed for client requested reporting limits due to high concentrations of target analytes in the sample.

SB12974-08 *SV-08*

This sample was not able to be analyzed for client requested reporting limits due to high concentrations of target analytes in the sample.

SB12974-09 *SV-07*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB12974-10 *SV-10*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

SB12974-11 *SV-11*

The concentration indicated for this analyte is an estimated value. This value is considered an estimate (CLP E-flag).

Tetrachloroethene

SB12974-12 *SV-12*

This sample was not able to be analyzed for client requested reporting limits due to high concentrations of target analytes in the sample.

SB12974-13 *Dupe*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The concentration indicated for this analyte is an estimated value. This value is considered an estimate (CLP E-flag).

Tetrachloroethene

SB12974-13RE1 *Dupe*

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-01	4-47-040	Air	26-May-10 11:40	01-Jun-10
SB12974-01				

CAS No.	*Analyte(s)*	*Result/Units*	**RDL*	*Result ug/m³*	**RDL*	*Flag*	*Method Ref.*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Air Quality Analyses											
EPA TO-15		ppbv	Prepared 04-Jun-10 Dilution: 118			GS1	Can pressure: -1 Can ID: 0499				
115-07-1	Propene	< 34.7	59.0	< 59.72	101.54	U	EPA TO-15	04-Jun-10	KG	1011907	
75-71-8	Dichlorodifluoromethane (Freon12)	< 28.7	59.0	< 141.92	291.74	U	"	"	"	"	X
74-87-3	Chloromethane	< 33.8	59.0	< 69.81	121.86	U	"	"	"	"	X
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	< 29.1	59.0	< 203.40	412.40	U	"	"	"	"	
75-01-4	Vinyl chloride	< 27.5	59.0	< 70.30	150.82	U	"	"	"	"	X
106-99-0	1,3-Butadiene	< 30.2	59.0	< 66.70	130.31	U	"	"	"	"	X
74-83-9	Bromomethane	< 25.0	59.0	< 97.03	229.00	U	"	"	"	"	X
75-00-3	Chloroethane	< 31.8	59.0	< 83.89	155.64	U	"	"	"	"	X
67-64-1	Acetone	304	59.0	722.39	140.20		"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	47.2	59.0	265.25	331.56	J	"	"	"	"	X
64-17-5	Ethanol	111	59.0	209.29	111.24		"	"	"	"	
107-13-1	Acrylonitrile	< 17.9	59.0	< 38.80	127.89	U	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 23.4	59.0	< 92.83	234.07	U	"	"	"	"	X
75-09-2	Methylene chloride	< 30.0	59.0	< 104.17	204.87	U	"	"	"	"	X
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	< 26.5	59.0	< 203.11	452.21	U	"	"	"	"	X
75-15-0	Carbon disulfide	95.6	59.0	297.55	183.64		"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	< 22.6	59.0	< 89.61	233.95	U	"	"	"	"	X
75-34-3	1,1-Dichloroethane	< 22.6	59.0	< 91.51	238.90	U	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	< 22.7	59.0	< 81.89	212.83	U	"	"	"	"	X
67-63-0	Isopropyl alcohol	122	59.0	299.39	144.79		"	"	"	"	X
78-93-3	2-Butanone (MEK)	< 47.9	59.0	< 141.25	173.98	U	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	151	59.0	598.75	233.95		"	"	"	"	X
110-54-3	Hexane	< 15.5	59.0	< 54.65	208.01	U	"	"	"	"	X
141-78-6	Ethyl acetate	< 22.9	59.0	< 82.51	212.59	U	"	"	"	"	
67-66-3	Chloroform	< 17.8	59.0	< 86.63	287.16	U	"	"	"	"	X
109-99-9	Tetrahydrofuran	< 26.5	59.0	< 78.15	173.98	U	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 16.8	59.0	< 68.02	238.90	U	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	< 16.2	59.0	< 88.39	321.91	U	"	"	"	"	X
71-43-2	Benzene	< 17.9	59.0	< 57.10	188.22	U	"	"	"	"	X
56-23-5	Carbon tetrachloride	< 17.1	59.0	< 107.57	371.13	U	"	"	"	"	X
110-82-7	Cyclohexane	< 25.3	59.0	< 87.09	203.09	U	"	"	"	"	X
78-87-5	1,2-Dichloropropane	< 20.3	59.0	< 93.82	272.68	U	"	"	"	"	X
75-27-4	Bromodichloromethane	< 21.2	59.0	< 142.03	395.26	U	"	"	"	"	X
79-01-6	Trichloroethene	117	59.0	628.79	317.08		"	"	"	"	X
123-91-1	1,4-Dioxane	< 46.1	59.0	< 165.92	212.35	U	"	"	"	"	
142-82-5	n-Heptane	< 16.2	59.0	< 66.39	241.79	U	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	94.4	59.0	386.87	241.79		"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	< 22.5	59.0	< 102.15	267.85	U	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	< 18.8	59.0	< 85.35	267.85	U	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	< 27.6	59.0	< 150.59	321.91	U	"	"	"	"	X
108-88-3	Toluene	76.7	59.0	288.61	222.00		"	"	"	"	X
591-78-6	2-Hexanone (MBK)	< 26.4	59.0	< 108.19	241.79	U	"	"	"	"	
124-48-1	Dibromochloromethane	< 22.8	59.0	< 194.24	502.65	U	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	< 17.7	59.0	< 136.03	453.42	U	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-01	4-47-040	Air	26-May-10 11:40	01-Jun-10
SB12974-01				

CAS No.	*Analyte(s)*	*Result/Units*	**RDL*	*Result ug/m³*	**RDL*	*Flag*	*Method Ref.*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Air Quality Analyses											
EPA TO-15		ppbv	Prepared 04-Jun-10 Dilution: 118			GS1	Can pressure: -1 Can ID: 0499				
127-18-4	Tetrachloroethene	6810	59.0	46179.88	400.09		EPA TO-15	04-Jun-10	KG	1011907	X
108-90-7	Chlorobenzene	< 33.3	59.0	< 153.36	271.71	U	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	< 36.3	59.0	< 249.42	405.40	U	"	"	"	"	
100-41-4	Ethylbenzene	< 22.5	59.0	< 97.55	255.79	U	"	"	"	"	X
179601-23-1	m,p-Xylene	< 57.7	59.0	< 250.15	255.79	U	"	"	"	"	X
75-25-2	Bromoform	< 37.3	59.0	< 385.51	609.79	U	"	"	"	"	X
100-42-5	Styrene	< 22.1	59.0	< 94.00	250.96	U	"	"	"	"	X
95-47-6	o-Xylene	< 31.4	59.0	< 136.13	255.79	U	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	< 51.4	59.0	< 352.97	405.16	U	"	"	"	"	X
98-82-8	Isopropylbenzene	< 30.6	59.0	< 150.43	290.05	U	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 33.7	59.0	< 165.67	290.05	U	"	"	"	"	X
622-96-8	4-Ethyltoluene	< 33.0	59.0	< 162.23	290.05	U	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 30.8	59.0	< 151.42	290.05	U	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	< 32.6	59.0	< 196.00	354.72	U	"	"	"	"	X
100-44-7	Benzyl chloride	< 29.1	59.0	< 149.96	304.05	U	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	< 30.6	59.0	< 183.98	354.72	U	"	"	"	"	X
135-98-8	sec-Butylbenzene	< 31.2	59.0	< 171.25	323.84	U	"	"	"	"	
99-87-6	4-Isopropyltoluene	< 29.0	59.0	< 155.62	316.60	U	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 26.8	59.0	< 161.13	354.72	U	"	"	"	"	X
104-51-8	n-Butylbenzene	< 25.2	59.0	< 138.32	323.84	U	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 18.8	59.0	< 139.56	437.98	U	"	"	"	"	X
87-68-3	Hexachlorobutadiene	< 29.3	59.0	< 312.41	629.09	U	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94*		*70-130 %*			"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-02	4-47-040	Air	26-May-10 12:00	01-Jun-10
SB12974-02				

CAS No.	*Analyte(s)*	*Result/Units*	**RDL*	*Result ug/m³*	**RDL*	*Flag*	*Method Ref.*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Air Quality Analyses											
EPA TO-15		ppbv	Prepared 03-Jun-10 Dilution: 20			GS1	Can pressure: -2 Can ID: 4642				
115-07-1	Propene	< 5.88	10.0	< 10.12	17.21	U	EPA TO-15	03-Jun-10	KG	1011837	
75-71-8	Dichlorodifluoromethane (Freon12)	< 4.86	10.0	< 24.03	49.45	U	"	"	"	"	X
74-87-3	Chloromethane	< 5.73	10.0	< 11.83	20.65	U	"	"	"	"	X
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	< 4.93	10.0	< 34.46	69.90	U	"	"	"	"	
75-01-4	Vinyl chloride	< 4.65	10.0	< 11.89	25.56	U	"	"	"	"	X
106-99-0	1,3-Butadiene	< 5.12	10.0	< 11.31	22.09	U	"	"	"	"	X
74-83-9	Bromomethane	< 4.23	10.0	< 16.42	38.81	U	"	"	"	"	X
75-00-3	Chloroethane	< 5.39	10.0	< 14.22	26.38	U	"	"	"	"	X
67-64-1	Acetone	< 5.98	10.0	< 14.21	23.76	U	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	7.40	10.0	41.59	56.20	J	"	"	"	"	X
64-17-5	Ethanol	< 6.70	10.0	< 12.63	18.85	U	"	"	"	"	
107-13-1	Acrylonitrile	< 3.03	10.0	< 6.57	21.68	U	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 3.96	10.0	< 15.71	39.67	U	"	"	"	"	X
75-09-2	Methylene chloride	< 5.08	10.0	< 17.64	34.72	U	"	"	"	"	X
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	< 4.50	10.0	< 34.49	76.65	U	"	"	"	"	X
75-15-0	Carbon disulfide	< 3.73	10.0	< 11.61	31.12	U	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	< 3.82	10.0	< 15.15	39.65	U	"	"	"	"	X
75-34-3	1,1-Dichloroethane	< 3.82	10.0	< 15.47	40.49	U	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	< 3.85	10.0	< 13.89	36.07	U	"	"	"	"	X
67-63-0	Isopropyl alcohol	< 4.13	10.0	< 10.13	24.54	U	"	"	"	"	X
78-93-3	2-Butanone (MEK)	< 8.11	10.0	< 23.92	29.49	U	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	32.0	10.0	126.89	39.65		"	"	"	"	X
110-54-3	Hexane	< 2.63	10.0	< 9.27	35.26	U	"	"	"	"	X
141-78-6	Ethyl acetate	< 3.88	10.0	< 13.98	36.03	U	"	"	"	"	
67-66-3	Chloroform	< 3.02	10.0	< 14.70	48.67	U	"	"	"	"	X
109-99-9	Tetrahydrofuran	< 4.49	10.0	< 13.24	29.49	U	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 2.85	10.0	< 11.54	40.49	U	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	< 2.75	10.0	< 15.00	54.56	U	"	"	"	"	X
71-43-2	Benzene	< 3.03	10.0	< 9.67	31.90	U	"	"	"	"	X
56-23-5	Carbon tetrachloride	< 2.90	10.0	< 18.24	62.90	U	"	"	"	"	X
110-82-7	Cyclohexane	< 4.29	10.0	< 14.77	34.42	U	"	"	"	"	X
78-87-5	1,2-Dichloropropane	< 3.43	10.0	< 15.85	46.22	U	"	"	"	"	X
75-27-4	Bromodichloromethane	< 3.59	10.0	< 24.05	66.99	U	"	"	"	"	X
79-01-6	Trichloroethene	37.8	10.0	203.15	53.74		"	"	"	"	X
123-91-1	1,4-Dioxane	< 7.82	10.0	< 28.15	35.99	U	"	"	"	"	
142-82-5	n-Heptane	< 2.75	10.0	< 11.27	40.98	U	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	< 4.59	10.0	< 18.81	40.98	U	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	< 3.81	10.0	< 17.30	45.40	U	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	< 3.18	10.0	< 14.44	45.40	U	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	< 4.68	10.0	< 25.53	54.56	U	"	"	"	"	X
108-88-3	Toluene	< 3.11	10.0	< 11.70	37.63	U	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	< 4.47	10.0	< 18.32	40.98	U	"	"	"	"	
124-48-1	Dibromochloromethane	< 3.86	10.0	< 32.88	85.19	U	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	< 3.00	10.0	< 23.06	76.85	U	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-02	4-47-040	Air	26-May-10 12:00	01-Jun-10
SB12974-02				

CAS No.	*Analyte(s)*	*Result/Units*	**RDL*	*Result ug/m³*	**RDL*	*Flag*	*Method Ref.*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Air Quality Analyses											
EPA TO-15		ppbv	Prepared 03-Jun-10 Dilution: 20			GS1	Can pressure: -2 Can ID: 4642				
127-18-4	Tetrachloroethene	1780	10.0	12070.51	67.81		EPA TO-15	03-Jun-10	KG	1011837	X
108-90-7	Chlorobenzene	< 5.64	10.0	< 25.97	46.05	U	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	< 6.15	10.0	< 42.26	68.71	U	"	"	"	"	
100-41-4	Ethylbenzene	< 3.82	10.0	< 16.56	43.35	U	"	"	"	"	X
179601-23-1	m,p-Xylene	< 9.78	10.0	< 42.40	43.35	U	"	"	"	"	X
75-25-2	Bromoform	< 6.33	10.0	< 65.42	103.35	U	"	"	"	"	X
100-42-5	Styrene	< 3.74	10.0	< 15.91	42.54	U	"	"	"	"	X
95-47-6	o-Xylene	< 5.33	10.0	< 23.11	43.35	U	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	< 8.71	10.0	< 59.81	68.67	U	"	"	"	"	X
98-82-8	Isopropylbenzene	< 5.19	10.0	< 25.51	49.16	U	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 5.70	10.0	< 28.02	49.16	U	"	"	"	"	X
622-96-8	4-Ethyltoluene	< 5.59	10.0	< 27.48	49.16	U	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 5.22	10.0	< 25.66	49.16	U	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	< 5.53	10.0	< 33.25	60.12	U	"	"	"	"	X
100-44-7	Benzyl chloride	< 4.93	10.0	< 25.41	51.53	U	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	< 5.19	10.0	< 31.20	60.12	U	"	"	"	"	X
135-98-8	sec-Butylbenzene	< 5.29	10.0	< 29.04	54.89	U	"	"	"	"	
99-87-6	4-Isopropyltoluene	< 4.91	10.0	< 26.35	53.66	U	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 4.54	10.0	< 27.30	60.12	U	"	"	"	"	X
104-51-8	n-Butylbenzene	< 4.26	10.0	< 23.38	54.89	U	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 3.19	10.0	< 23.68	74.23	U	"	"	"	"	X
87-68-3	Hexachlorobutadiene	< 4.96	10.0	< 52.89	106.63	U	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*92*		*70-130 %*			"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-03	4-47-040	Air	26-May-10 12:30	01-Jun-10
SB12974-03				

Air Quality Analyses

EPA TO-15 | ppbv | Prepared 03-Jun-10 Dilution: 1 | GS | Can pressure: -3 Can ID: 0714

CAS No.	Analyte(s)	Result/Units	*RDL	Result ug/m³	*RDL	Flag	Method Ref.	Analyzed	Analyst	Batch	Cert.
115-07-1	Propene	< 0.294	0.500	< 0.51	0.86	U	EPA TO-15	03-Jun-10	KG	1011837	
75-71-8	Dichlorodifluoromethane (Freon12)	0.510	0.500	2.52	2.47		"	"	"	"	X
74-87-3	Chloromethane	< 0.286	0.500	< 0.59	1.03	U	"	"	"	"	X
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	< 0.246	0.500	< 1.72	3.49	U	"	"	"	"	
75-01-4	Vinyl chloride	< 0.233	0.500	< 0.60	1.28	U	"	"	"	"	X
106-99-0	1,3-Butadiene	< 0.256	0.500	< 0.57	1.10	U	"	"	"	"	X
74-83-9	Bromomethane	< 0.212	0.500	< 0.82	1.94	U	"	"	"	"	X
75-00-3	Chloroethane	< 0.270	0.500	< 0.71	1.32	U	"	"	"	"	X
67-64-1	Acetone	6.91	0.500	16.42	1.19		"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	0.390	0.500	2.19	2.81	J	"	"	"	"	X
64-17-5	Ethanol	7.86	0.500	14.82	0.94		"	"	"	"	
107-13-1	Acrylonitrile	< 0.151	0.500	< 0.33	1.08	U	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 0.198	0.500	< 0.79	1.98	U	"	"	"	"	X
75-09-2	Methylene chloride	< 0.254	0.500	< 0.88	1.74	U	"	"	"	"	X
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	< 0.225	0.500	< 1.72	3.83	U	"	"	"	"	X
75-15-0	Carbon disulfide	0.430	0.500	1.34	1.56	J	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	< 0.191	0.500	< 0.76	1.98	U	"	"	"	"	X
75-34-3	1,1-Dichloroethane	< 0.191	0.500	< 0.77	2.02	U	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	< 0.192	0.500	< 0.69	1.80	U	"	"	"	"	X
67-63-0	Isopropyl alcohol	1.57	0.500	3.85	1.23		"	"	"	"	X
78-93-3	2-Butanone (MEK)	1.04	0.500	3.07	1.47		"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	5.70	0.500	22.60	1.98		"	"	"	"	X
110-54-3	Hexane	3.48	0.500	12.27	1.76		"	"	"	"	X
141-78-6	Ethyl acetate	1.13	0.500	4.07	1.80		"	"	"	"	
67-66-3	Chloroform	0.290	0.500	1.41	2.43	J	"	"	"	"	X
109-99-9	Tetrahydrofuran	0.240	0.500	0.71	1.47	J	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.142	0.500	< 0.57	2.02	U	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	< 0.137	0.500	< 0.75	2.73	U	"	"	"	"	X
71-43-2	Benzene	0.650	0.500	2.07	1.60		"	"	"	"	X
56-23-5	Carbon tetrachloride	< 0.145	0.500	< 0.91	3.15	U	"	"	"	"	X
110-82-7	Cyclohexane	< 0.214	0.500	< 0.74	1.72	U	"	"	"	"	X
78-87-5	1,2-Dichloropropane	< 0.172	0.500	< 0.79	2.31	U	"	"	"	"	X
75-27-4	Bromodichloromethane	< 0.180	0.500	< 1.21	3.35	U	"	"	"	"	X
79-01-6	Trichloroethene	30.0	0.500	161.23	2.69		"	"	"	"	X
123-91-1	1,4-Dioxane	< 0.391	0.500	< 1.41	1.80	U	"	"	"	"	
142-82-5	n-Heptane	0.300	0.500	1.23	2.05	J	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	< 0.230	0.500	< 0.94	2.05	U	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	< 0.190	0.500	< 0.86	2.27	U	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	< 0.159	0.500	< 0.72	2.27	U	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	< 0.234	0.500	< 1.28	2.73	U	"	"	"	"	X
108-88-3	Toluene	0.910	0.500	3.42	1.88		"	"	"	"	X
591-78-6	2-Hexanone (MBK)	< 0.224	0.500	< 0.92	2.05	U	"	"	"	"	
124-48-1	Dibromochloromethane	< 0.193	0.500	< 1.64	4.26	U	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	< 0.150	0.500	< 1.15	3.84	U	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-03	4-47-040	Air	26-May-10 12:30	01-Jun-10
SB12974-03				

CAS No.	*Analyte(s)*	*Result/Units*	**RDL*	*Result ug/m³*	**RDL*	*Flag*	*Method Ref.*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Air Quality Analyses											
EPA TO-15		ppbv	Prepared 03-Jun-10 Dilution: 1			GS	Can pressure: -3 Can ID: 0714				
127-18-4	Tetrachloroethene	74.0	0.500	501.81	3.39		EPA TO-15	03-Jun-10	KG	1011837	X
108-90-7	Chlorobenzene	< 0.282	0.500	< 1.30	2.30	U	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	< 0.307	0.500	< 2.11	3.44	U	"	"	"	"	
100-41-4	Ethylbenzene	< 0.191	0.500	< 0.83	2.17	U	"	"	"	"	X
179601-23-1	m,p-Xylene	0.710	0.500	3.08	2.17		"	"	"	"	X
75-25-2	Bromoform	< 0.316	0.500	< 3.27	5.17	U	"	"	"	"	X
100-42-5	Styrene	< 0.187	0.500	< 0.80	2.13	U	"	"	"	"	X
95-47-6	o-Xylene	< 0.266	0.500	< 1.15	2.17	U	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	< 0.436	0.500	< 2.99	3.43	U	"	"	"	"	X
98-82-8	Isopropylbenzene	< 0.259	0.500	< 1.27	2.46	U	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 0.285	0.500	< 1.40	2.46	U	"	"	"	"	X
622-96-8	4-Ethyltoluene	< 0.280	0.500	< 1.38	2.46	U	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 0.261	0.500	< 1.28	2.46	U	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	< 0.276	0.500	< 1.66	3.01	U	"	"	"	"	X
100-44-7	Benzyl chloride	< 0.247	0.500	< 1.27	2.58	U	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	< 0.259	0.500	< 1.56	3.01	U	"	"	"	"	X
135-98-8	sec-Butylbenzene	< 0.264	0.500	< 1.45	2.74	U	"	"	"	"	
99-87-6	4-Isopropyltoluene	< 0.245	0.500	< 1.31	2.68	U	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 0.227	0.500	< 1.36	3.01	U	"	"	"	"	X
104-51-8	n-Butylbenzene	< 0.213	0.500	< 1.17	2.74	U	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 0.160	0.500	< 1.19	3.71	U	"	"	"	"	X
87-68-3	Hexachlorobutadiene	< 0.248	0.500	< 2.64	5.33	U	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-04	4-47-040	Air	26-May-10 13:00	01-Jun-10
SB12974-04				

CAS No.	Analyte(s)	Result/Units	*RDL	Result ug/m³	*RDL	Flag	Method Ref.	Analyzed	Analyst	Batch	Cert.
Air Quality Analyses											
EPA TO-15		ppbv	Prepared 03-Jun-10 Dilution: 5			GS	Can pressure: -2 Can ID: 4633				
115-07-1	Propene	< 1.47	2.50	< 2.53	4.30	U	EPA TO-15	03-Jun-10	KG	1011837	
75-71-8	Dichlorodifluoromethane (Freon12)	< 1.22	2.50	< 6.03	12.36	U	"	"	"	"	X
74-87-3	Chloromethane	< 1.43	2.50	< 2.95	5.16	U	"	"	"	"	X
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	< 1.23	2.50	< 8.60	17.47	U	"	"	"	"	
75-01-4	Vinyl chloride	< 1.16	2.50	< 2.97	6.39	U	"	"	"	"	X
106-99-0	1,3-Butadiene	< 1.28	2.50	< 2.83	5.52	U	"	"	"	"	X
74-83-9	Bromomethane	< 1.06	2.50	< 4.11	9.70	U	"	"	"	"	X
75-00-3	Chloroethane	< 1.35	2.50	< 3.56	6.60	U	"	"	"	"	X
67-64-1	Acetone	13.4	2.50	31.84	5.94		"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	< 1.43	2.50	< 8.04	14.05	U	"	"	"	"	X
64-17-5	Ethanol	8.65	2.50	16.31	4.71		"	"	"	"	
107-13-1	Acrylonitrile	< 0.757	2.50	< 1.64	5.42	U	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 0.990	2.50	< 3.93	9.92	U	"	"	"	"	X
75-09-2	Methylene chloride	< 1.27	2.50	< 4.41	8.68	U	"	"	"	"	X
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	< 1.12	2.50	< 8.58	19.16	U	"	"	"	"	X
75-15-0	Carbon disulfide	< 0.931	2.50	< 2.90	7.78	U	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	< 0.956	2.50	< 3.79	9.91	U	"	"	"	"	X
75-34-3	1,1-Dichloroethane	< 0.956	2.50	< 3.87	10.12	U	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	< 0.962	2.50	< 3.47	9.02	U	"	"	"	"	X
67-63-0	Isopropyl alcohol	< 1.03	2.50	< 2.53	6.13	U	"	"	"	"	X
78-93-3	2-Butanone (MEK)	< 2.03	2.50	< 5.99	7.37	U	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	< 0.675	2.50	< 2.68	9.91	U	"	"	"	"	X
110-54-3	Hexane	< 0.657	2.50	< 2.32	8.81	U	"	"	"	"	X
141-78-6	Ethyl acetate	< 0.969	2.50	< 3.49	9.01	U	"	"	"	"	
67-66-3	Chloroform	< 0.755	2.50	< 3.67	12.17	U	"	"	"	"	X
109-99-9	Tetrahydrofuran	< 1.12	2.50	< 3.30	7.37	U	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.712	2.50	< 2.88	10.12	U	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	< 0.687	2.50	< 3.75	13.64	U	"	"	"	"	X
71-43-2	Benzene	1.20	2.50	3.83	7.98	J	"	"	"	"	X
56-23-5	Carbon tetrachloride	< 0.724	2.50	< 4.55	15.73	U	"	"	"	"	X
110-82-7	Cyclohexane	< 1.07	2.50	< 3.68	8.61	U	"	"	"	"	X
78-87-5	1,2-Dichloropropane	< 0.858	2.50	< 3.97	11.55	U	"	"	"	"	X
75-27-4	Bromodichloromethane	< 0.898	2.50	< 6.02	16.75	U	"	"	"	"	X
79-01-6	Trichloroethene	11.6	2.50	62.34	13.44		"	"	"	"	X
123-91-1	1,4-Dioxane	< 1.95	2.50	< 7.02	9.00	U	"	"	"	"	
142-82-5	n-Heptane	< 0.688	2.50	< 2.82	10.25	U	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	< 1.15	2.50	< 4.71	10.25	U	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	< 0.952	2.50	< 4.32	11.35	U	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	< 0.796	2.50	< 3.61	11.35	U	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	< 1.17	2.50	< 6.38	13.64	U	"	"	"	"	X
108-88-3	Toluene	6.50	2.50	24.46	9.41		"	"	"	"	X
591-78-6	2-Hexanone (MBK)	< 1.12	2.50	< 4.59	10.25	U	"	"	"	"	
124-48-1	Dibromochloromethane	< 0.965	2.50	< 8.22	21.30	U	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	< 0.750	2.50	< 5.76	19.21	U	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-04	4-47-040	Air	26-May-10 13:00	01-Jun-10
SB12974-04				

CAS No.	*Analyte(s)*	*Result/Units*	**RDL*	*Result ug/m³*	**RDL*	*Flag*	*Method Ref.*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Air Quality Analyses											
EPA TO-15		ppbv	Prepared 03-Jun-10 Dilution: 5			GS	Can pressure: -2 Can ID: 4633				
127-18-4	Tetrachloroethene	573	2.50	3885.62	16.95	E	EPA TO-15	03-Jun-10	KG	1011837	X
108-90-7	Chlorobenzene	< 1.41	2.50	< 6.49	11.51	U	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	< 1.54	2.50	< 10.58	17.18	U	"	"	"	"	
100-41-4	Ethylbenzene	1.15	2.50	4.99	10.84	J	"	"	"	"	X
179601-23-1	m,p-Xylene	4.80	2.50	20.81	10.84		"	"	"	"	X
75-25-2	Bromoform	< 1.58	2.50	< 16.33	25.84	U	"	"	"	"	X
100-42-5	Styrene	< 0.935	2.50	< 3.98	10.63	U	"	"	"	"	X
95-47-6	o-Xylene	< 1.33	2.50	< 5.77	10.84	U	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	< 2.18	2.50	< 14.97	17.17	U	"	"	"	"	X
98-82-8	Isopropylbenzene	< 1.30	2.50	< 6.39	12.29	U	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 1.43	2.50	< 7.03	12.29	U	"	"	"	"	X
622-96-8	4-Ethyltoluene	< 1.40	2.50	< 6.88	12.29	U	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 1.31	2.50	< 6.44	12.29	U	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	< 1.38	2.50	< 8.30	15.03	U	"	"	"	"	X
100-44-7	Benzyl chloride	< 1.23	2.50	< 6.34	12.88	U	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	< 1.30	2.50	< 7.82	15.03	U	"	"	"	"	X
135-98-8	sec-Butylbenzene	< 1.32	2.50	< 7.25	13.72	U	"	"	"	"	
99-87-6	4-Isopropyltoluene	< 1.23	2.50	< 6.60	13.42	U	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 1.14	2.50	< 6.85	15.03	U	"	"	"	"	X
104-51-8	n-Butylbenzene	< 1.07	2.50	< 5.87	13.72	U	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 0.798	2.50	< 5.92	18.56	U	"	"	"	"	X
87-68-3	Hexachlorobutadiene	< 1.24	2.50	< 13.22	26.66	U	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	
Re-analysis of EPA TO-15			Dilution: 10								
127-18-4	Tetrachloroethene	524	5.00	3553.34	33.91		EPA TO-15	04-Jun-10	KG	1011907	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-05	4-47-040	Air	26-May-10 13:15	01-Jun-10
SB12974-05				

CAS No.	Analyte(s)	Result/Units	*RDL	Result ug/m³	*RDL	Flag	Method Ref.	Analyzed	Analyst	Batch	Cert.
Air Quality Analyses											
EPA TO-15 Low Level		ppbv	Prepared 08-Jun-10 Dilution: 1				Can pressure: -2 Can ID: 5565				
115-07-1	Propene	< 0.059621	0.10000	< 0.10	0.17	U	EPA TO-15	08-Jun-10	KRL	1012141	
75-71-8	Dichlorodifluoromethane (Freon12)	0.38000	0.10000	1.88	0.49		"	"	"	"	X
74-87-3	Chloromethane	< 0.050719	0.10000	< 0.10	0.21	U	"	"	"	"	X
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	< 0.050256	0.10000	< 0.35	0.70	U	"	"	"	"	
75-01-4	Vinyl chloride	< 0.053850	0.10000	< 0.14	0.26	U	"	"	"	"	X
106-99-0	1,3-Butadiene	< 0.050719	0.10000	< 0.11	0.22	U	"	"	"	"	X
74-83-9	Bromomethane	< 0.039878	0.10000	< 0.15	0.39	U	"	"	"	"	X
75-00-3	Chloroethane	< 0.056395	0.10000	< 0.15	0.26	U	"	"	"	"	X
67-64-1	Acetone	4.6500	0.50000	11.05	1.19		"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	0.32000	0.10000	1.80	0.56		"	"	"	"	X
64-17-5	Ethanol	4.6700	0.50000	8.81	0.94		"	"	"	"	
107-13-1	Acrylonitrile	< 0.029810	0.10000	< 0.06	0.22	U	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 0.033504	0.10000	< 0.13	0.40	U	"	"	"	"	X
75-09-2	Methylene chloride	0.060000	0.10000	0.21	0.35	J	"	"	"	"	X
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	0.070000	0.10000	0.54	0.77	J	"	"	"	"	X
75-15-0	Carbon disulfide	0.080000	0.50000	0.25	1.56	J	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	< 0.035536	0.10000	< 0.14	0.40	U	"	"	"	"	X
75-34-3	1,1-Dichloroethane	< 0.035536	0.10000	< 0.14	0.40	U	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	< 0.043253	0.10000	< 0.16	0.36	U	"	"	"	"	X
67-63-0	Isopropyl alcohol	0.25000	0.50000	0.61	1.23	J	"	"	"	"	X
78-93-3	2-Butanone (MEK)	0.38000	0.10000	1.12	0.29		"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	3.1400	0.10000	12.45	0.40		"	"	"	"	X
110-54-3	Hexane	0.49000	0.10000	1.73	0.35		"	"	"	"	X
141-78-6	Ethyl acetate	< 0.036188	0.10000	< 0.13	0.36	U	"	"	"	"	
67-66-3	Chloroform	0.30000	0.10000	1.46	0.49		"	"	"	"	X
109-99-9	Tetrahydrofuran	0.28000	0.10000	0.83	0.29		"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.028198	0.10000	< 0.11	0.40	U	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	< 0.024658	0.10000	< 0.13	0.55	U	"	"	"	"	X
71-43-2	Benzene	0.13000	0.10000	0.41	0.32		"	"	"	"	X
56-23-5	Carbon tetrachloride	< 0.023691	0.10000	< 0.15	0.63	U	"	"	"	"	X
110-82-7	Cyclohexane	< 0.097200	0.10000	< 0.33	0.34	U	"	"	"	"	X
78-87-5	1,2-Dichloropropane	0.14000	0.10000	0.65	0.46		"	"	"	"	X
75-27-4	Bromodichloromethane	< 0.035536	0.10000	< 0.24	0.67	U	"	"	"	"	X
79-01-6	Trichloroethene	2.9000	0.10000	15.59	0.54		"	"	"	"	X
123-91-1	1,4-Dioxane	< 0.021627	0.50000	< 0.08	1.80	U	"	"	"	"	
142-82-5	n-Heptane	< 0.028198	0.10000	< 0.12	0.41	U	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	< 0.039287	0.10000	< 0.16	0.41	U	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	< 0.036188	0.10000	< 0.16	0.45	U	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	< 0.030585	0.10000	< 0.14	0.45	U	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	< 0.039287	0.10000	< 0.21	0.55	U	"	"	"	"	X
108-88-3	Toluene	< 0.028198	0.10000	< 0.11	0.38	U	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	< 0.035536	0.10000	< 0.15	0.41	U	"	"	"	"	
124-48-1	Dibromochloromethane	< 0.044321	0.10000	< 0.38	0.85	U	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	< 0.030585	0.10000	< 0.24	0.77	U	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-05	4-47-040	Air	26-May-10 13:15	01-Jun-10
SB12974-05				

CAS No.	*Analyte(s)*	*Result/Units*	**RDL*	*Result ug/m³*	**RDL*	*Flag*	*Method Ref.*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Air Quality Analyses											
EPA TO-15 Low Level		ppbv	Prepared 08-Jun-10 Dilution: 1				Can pressure: -2 Can ID: 5565				
127-18-4	Tetrachloroethene	3.4000	0.10000	23.06	0.68		EPA TO-15	08-Jun-10	KRL	1012141	X
108-90-7	Chlorobenzene	< 0.047873	0.10000	< 0.22	0.46	U	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	< 0.054282	0.10000	< 0.37	0.69	U	"	"	"	"	
100-41-4	Ethylbenzene	< 0.033504	0.10000	< 0.15	0.43	U	"	"	"	"	X
179601-23-1	m,p-Xylene	< 0.083760	0.10000	< 0.36	0.43	U	"	"	"	"	X
75-25-2	Bromoform	< 0.067702	0.10000	< 0.70	1.03	U	"	"	"	"	X
100-42-5	Styrene	< 0.039287	0.10000	< 0.17	0.43	U	"	"	"	"	X
95-47-6	o-Xylene	< 0.047382	0.10000	< 0.21	0.43	U	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	< 0.080630	0.10000	< 0.55	0.69	U	"	"	"	"	X
98-82-8	Isopropylbenzene	< 0.036188	0.10000	< 0.18	0.49	U	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 0.050256	0.10000	< 0.25	0.49	U	"	"	"	"	X
622-96-8	4-Ethyltoluene	< 0.054282	0.10000	< 0.27	0.49	U	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 0.049316	0.10000	< 0.24	0.49	U	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	< 0.058432	0.10000	< 0.35	0.60	U	"	"	"	"	X
100-44-7	Benzyl chloride	< 0.053850	0.10000	< 0.28	0.52	U	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	< 0.042158	0.10000	< 0.25	0.60	U	"	"	"	"	X
135-98-8	sec-Butylbenzene	< 0.047873	0.10000	< 0.26	0.55	U	"	"	"	"	
99-87-6	4-Isopropyltoluene	< 0.045877	0.10000	< 0.25	0.54	U	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 0.042158	0.10000	< 0.25	0.60	U	"	"	"	"	X
104-51-8	n-Butylbenzene	< 0.038078	0.10000	< 0.21	0.55	U	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 0.024658	0.10000	< 0.18	0.74	U	"	"	"	"	X
87-68-3	Hexachlorobutadiene	< 0.042158	0.10000	< 0.45	1.07	U	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-06	4-47-040	Air	26-May-10 13:52	01-Jun-10
SB12974-06				

CAS No.	Analyte(s)	Result/Units	*RDL	Result ug/m³	*RDL	Flag	Method Ref.	Analyzed	Analyst	Batch	Cert.
Air Quality Analyses											
EPA TO-15		ppbv	Prepared 03-Jun-10 Dilution: 1			GS	Can pressure: -3 Can ID: 0263				
115-07-1	Propene	< 0.294	0.500	< 0.51	0.86	U	EPA TO-15	03-Jun-10	KG	1011837	
75-71-8	Dichlorodifluoromethane (Freon12)	0.540	0.500	2.67	2.47		"	"	"	"	X
74-87-3	Chloromethane	< 0.286	0.500	< 0.59	1.03	U	"	"	"	"	X
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	< 0.246	0.500	< 1.72	3.49	U	"	"	"	"	
75-01-4	Vinyl chloride	< 0.233	0.500	< 0.60	1.28	U	"	"	"	"	X
106-99-0	1,3-Butadiene	< 0.256	0.500	< 0.57	1.10	U	"	"	"	"	X
74-83-9	Bromomethane	< 0.212	0.500	< 0.82	1.94	U	"	"	"	"	X
75-00-3	Chloroethane	< 0.270	0.500	< 0.71	1.32	U	"	"	"	"	X
67-64-1	Acetone	7.45	0.500	17.70	1.19		"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	0.410	0.500	2.30	2.81	J	"	"	"	"	X
64-17-5	Ethanol	3.91	0.500	7.37	0.94		"	"	"	"	
107-13-1	Acrylonitrile	< 0.151	0.500	< 0.33	1.08	U	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 0.198	0.500	< 0.79	1.98	U	"	"	"	"	X
75-09-2	Methylene chloride	< 0.254	0.500	< 0.88	1.74	U	"	"	"	"	X
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	< 0.225	0.500	< 1.72	3.83	U	"	"	"	"	X
75-15-0	Carbon disulfide	< 0.186	0.500	< 0.58	1.56	U	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	< 0.191	0.500	< 0.76	1.98	U	"	"	"	"	X
75-34-3	1,1-Dichloroethane	< 0.191	0.500	< 0.77	2.02	U	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	< 0.192	0.500	< 0.69	1.80	U	"	"	"	"	X
67-63-0	Isopropyl alcohol	0.310	0.500	0.76	1.23	J	"	"	"	"	X
78-93-3	2-Butanone (MEK)	1.71	0.500	5.04	1.47		"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	< 0.135	0.500	< 0.54	1.98	U	"	"	"	"	X
110-54-3	Hexane	< 0.131	0.500	< 0.46	1.76	U	"	"	"	"	X
141-78-6	Ethyl acetate	< 0.194	0.500	< 0.70	1.80	U	"	"	"	"	
67-66-3	Chloroform	1.24	0.500	6.04	2.43		"	"	"	"	X
109-99-9	Tetrahydrofuran	< 0.225	0.500	< 0.66	1.47	U	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.142	0.500	< 0.57	2.02	U	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	< 0.137	0.500	< 0.75	2.73	U	"	"	"	"	X
71-43-2	Benzene	1.59	0.500	5.07	1.60		"	"	"	"	X
56-23-5	Carbon tetrachloride	< 0.145	0.500	< 0.91	3.15	U	"	"	"	"	X
110-82-7	Cyclohexane	< 0.214	0.500	< 0.74	1.72	U	"	"	"	"	X
78-87-5	1,2-Dichloropropane	< 0.172	0.500	< 0.79	2.31	U	"	"	"	"	X
75-27-4	Bromodichloromethane	0.210	0.500	1.41	3.35	J	"	"	"	"	X
79-01-6	Trichloroethene	2.68	0.500	14.40	2.69		"	"	"	"	X
123-91-1	1,4-Dioxane	< 0.391	0.500	< 1.41	1.80	U	"	"	"	"	
142-82-5	n-Heptane	< 0.138	0.500	< 0.57	2.05	U	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	0.460	0.500	1.89	2.05	J	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	< 0.190	0.500	< 0.86	2.27	U	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	< 0.159	0.500	< 0.72	2.27	U	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	< 0.234	0.500	< 1.28	2.73	U	"	"	"	"	X
108-88-3	Toluene	7.44	0.500	28.00	1.88		"	"	"	"	X
591-78-6	2-Hexanone (MBK)	< 0.224	0.500	< 0.92	2.05	U	"	"	"	"	
124-48-1	Dibromochloromethane	< 0.193	0.500	< 1.64	4.26	U	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	< 0.150	0.500	< 1.15	3.84	U	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-06	4-47-040	Air	26-May-10 13:52	01-Jun-10
SB12974-06				

CAS No.	*Analyte(s)*	*Result/Units*	**RDL*	*Result ug/m³*	**RDL*	*Flag*	*Method Ref.*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Air Quality Analyses											
EPA TO-15		ppbv	Prepared 03-Jun-10 Dilution: 1			GS	Can pressure: -3 Can ID: 0263				
127-18-4	Tetrachloroethene	97.2	0.500	659.13	3.39		EPA TO-15	03-Jun-10	KG	1011837	X
108-90-7	Chlorobenzene	< 0.282	0.500	< 1.30	2.30	U	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	< 0.307	0.500	< 2.11	3.44	U	"	"	"	"	
100-41-4	Ethylbenzene	1.66	0.500	7.20	2.17		"	"	"	"	X
179601-23-1	m,p-Xylene	7.79	0.500	33.77	2.17		"	"	"	"	X
75-25-2	Bromoform	< 0.316	0.500	< 3.27	5.17	U	"	"	"	"	X
100-42-5	Styrene	< 0.187	0.500	< 0.80	2.13	U	"	"	"	"	X
95-47-6	o-Xylene	1.88	0.500	8.15	2.17		"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	< 0.436	0.500	< 2.99	3.43	U	"	"	"	"	X
98-82-8	Isopropylbenzene	0.270	0.500	1.33	2.46	J	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	1.04	0.500	5.11	2.46		"	"	"	"	X
622-96-8	4-Ethyltoluene	1.07	0.500	5.26	2.46		"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	6.69	0.500	32.89	2.46		"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	< 0.276	0.500	< 1.66	3.01	U	"	"	"	"	X
100-44-7	Benzyl chloride	< 0.247	0.500	< 1.27	2.58	U	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	< 0.259	0.500	< 1.56	3.01	U	"	"	"	"	X
135-98-8	sec-Butylbenzene	< 0.264	0.500	< 1.45	2.74	U	"	"	"	"	
99-87-6	4-Isopropyltoluene	< 0.245	0.500	< 1.31	2.68	U	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 0.227	0.500	< 1.36	3.01	U	"	"	"	"	X
104-51-8	n-Butylbenzene	< 0.213	0.500	< 1.17	2.74	U	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 0.160	0.500	< 1.19	3.71	U	"	"	"	"	X
87-68-3	Hexachlorobutadiene	< 0.248	0.500	< 2.64	5.33	U	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*106*		*70-130 %*			"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-09	4-47-040	Air	26-May-10 14:53	01-Jun-10
SB12974-07				

CAS No.	*Analyte(s)*	*Result/Units*	**RDL*	*Result ug/m³*	**RDL*	*Flag*	*Method Ref.*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Air Quality Analyses											
EPA TO-15		ppbv	Prepared 03-Jun-10 Dilution: 1			GS	Can pressure: -3 Can ID: 1343				
115-07-1	Propene	< 0.294	0.500	< 0.51	0.86	U	EPA TO-15	03-Jun-10	KG	1011837	
75-71-8	Dichlorodifluoromethane (Freon12)	6.00	0.500	29.67	2.47		"	"	"	"	X
74-87-3	Chloromethane	< 0.286	0.500	< 0.59	1.03	U	"	"	"	"	X
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	0.390	0.500	2.73	3.49	J	"	"	"	"	
75-01-4	Vinyl chloride	< 0.233	0.500	< 0.60	1.28	U	"	"	"	"	X
106-99-0	1,3-Butadiene	< 0.256	0.500	< 0.57	1.10	U	"	"	"	"	X
74-83-9	Bromomethane	< 0.212	0.500	< 0.82	1.94	U	"	"	"	"	X
75-00-3	Chloroethane	< 0.270	0.500	< 0.71	1.32	U	"	"	"	"	X
67-64-1	Acetone	13.8	0.500	32.79	1.19		"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	0.390	0.500	2.19	2.81	J	"	"	"	"	X
64-17-5	Ethanol	8.62	0.500	16.25	0.94		"	"	"	"	
107-13-1	Acrylonitrile	< 0.151	0.500	< 0.33	1.08	U	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 0.198	0.500	< 0.79	1.98	U	"	"	"	"	X
75-09-2	Methylene chloride	< 0.254	0.500	< 0.88	1.74	U	"	"	"	"	X
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	< 0.225	0.500	< 1.72	3.83	U	"	"	"	"	X
75-15-0	Carbon disulfide	0.260	0.500	0.81	1.56	J	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	< 0.191	0.500	< 0.76	1.98	U	"	"	"	"	X
75-34-3	1,1-Dichloroethane	< 0.191	0.500	< 0.77	2.02	U	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	< 0.192	0.500	< 0.69	1.80	U	"	"	"	"	X
67-63-0	Isopropyl alcohol	0.620	0.500	1.52	1.23		"	"	"	"	X
78-93-3	2-Butanone (MEK)	3.92	0.500	11.56	1.47		"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	0.270	0.500	1.07	1.98	J	"	"	"	"	X
110-54-3	Hexane	0.400	0.500	1.41	1.76	J	"	"	"	"	X
141-78-6	Ethyl acetate	0.330	0.500	1.19	1.80	J	"	"	"	"	
67-66-3	Chloroform	4.34	0.500	21.12	2.43		"	"	"	"	X
109-99-9	Tetrahydrofuran	0.610	0.500	1.80	1.47		"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.142	0.500	< 0.57	2.02	U	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	< 0.137	0.500	< 0.75	2.73	U	"	"	"	"	X
71-43-2	Benzene	6.46	0.500	20.61	1.60		"	"	"	"	X
56-23-5	Carbon tetrachloride	< 0.145	0.500	< 0.91	3.15	U	"	"	"	"	X
110-82-7	Cyclohexane	< 0.214	0.500	< 0.74	1.72	U	"	"	"	"	X
78-87-5	1,2-Dichloropropane	< 0.172	0.500	< 0.79	2.31	U	"	"	"	"	X
75-27-4	Bromodichloromethane	0.750	0.500	5.02	3.35		"	"	"	"	X
79-01-6	Trichloroethene	1.46	0.500	7.85	2.69		"	"	"	"	X
123-91-1	1,4-Dioxane	< 0.391	0.500	< 1.41	1.80	U	"	"	"	"	
142-82-5	n-Heptane	0.670	0.500	2.75	2.05		"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	2.69	0.500	11.02	2.05		"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	< 0.190	0.500	< 0.86	2.27	U	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	< 0.159	0.500	< 0.72	2.27	U	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	< 0.234	0.500	< 1.28	2.73	U	"	"	"	"	X
108-88-3	Toluene	25.0	0.500	94.07	1.88		"	"	"	"	X
591-78-6	2-Hexanone (MBK)	< 0.224	0.500	< 0.92	2.05	U	"	"	"	"	
124-48-1	Dibromochloromethane	< 0.193	0.500	< 1.64	4.26	U	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	< 0.150	0.500	< 1.15	3.84	U	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-09	4-47-040	Air	26-May-10 14:53	01-Jun-10
SB12974-07				

CAS No.	*Analyte(s)*	*Result/Units*	**RDL*	*Result ug/m³*	**RDL*	*Flag*	*Method Ref.*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Air Quality Analyses											
EPA TO-15		ppbv	Prepared 03-Jun-10 Dilution: 1			GS	Can pressure: -3 Can ID: 1343				
127-18-4	Tetrachloroethene	96.1	0.500	651.67	3.39		EPA TO-15	03-Jun-10	KG	1011837	X
108-90-7	Chlorobenzene	< 0.282	0.500	< 1.30	2.30	U	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	< 0.307	0.500	< 2.11	3.44	U	"	"	"	"	
100-41-4	Ethylbenzene	6.31	0.500	27.36	2.17		"	"	"	"	X
179601-23-1	m,p-Xylene	25.0	0.500	108.38	2.17		"	"	"	"	X
75-25-2	Bromoform	< 0.316	0.500	< 3.27	5.17	U	"	"	"	"	X
100-42-5	Styrene	0.320	0.500	1.36	2.13	J	"	"	"	"	X
95-47-6	o-Xylene	6.39	0.500	27.70	2.17		"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	< 0.436	0.500	< 2.99	3.43	U	"	"	"	"	X
98-82-8	Isopropylbenzene	1.78	0.500	8.75	2.46		"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	2.92	0.500	14.36	2.46		"	"	"	"	X
622-96-8	4-Ethyltoluene	3.64	0.500	17.89	2.46		"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	15.8	0.500	77.68	2.46		"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	< 0.276	0.500	< 1.66	3.01	U	"	"	"	"	X
100-44-7	Benzyl chloride	< 0.247	0.500	< 1.27	2.58	U	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	< 0.259	0.500	< 1.56	3.01	U	"	"	"	"	X
135-98-8	sec-Butylbenzene	< 0.264	0.500	< 1.45	2.74	U	"	"	"	"	
99-87-6	4-Isopropyltoluene	< 0.245	0.500	< 1.31	2.68	U	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 0.227	0.500	< 1.36	3.01	U	"	"	"	"	X
104-51-8	n-Butylbenzene	< 0.213	0.500	< 1.17	2.74	U	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 0.160	0.500	< 1.19	3.71	U	"	"	"	"	X
87-68-3	Hexachlorobutadiene	< 0.248	0.500	< 2.64	5.33	U	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*111*		*70-130 %*			"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-08	4-47-040	Air	26-May-10 15:13	01-Jun-10
SB12974-08				

Air Quality Analyses

EPA TO-15 | ppbv | Prepared 03-Jun-10 | Dilution: 1 | GS | Can pressure: -3 | Can ID: 4562

CAS No.	Analyte(s)	Result/Units	*RDL	Result ug/m³	*RDL	Flag	Method Ref.	Analyzed	Analyst	Batch	Cert.
115-07-1	Propene	< 0.294	0.500	< 0.51	0.86	U	EPA TO-15	03-Jun-10	KG	1011837	
75-71-8	Dichlorodifluoromethane (Freon12)	0.660	0.500	3.26	2.47		"	"	"	"	X
74-87-3	Chloromethane	< 0.286	0.500	< 0.59	1.03	U	"	"	"	"	X
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	< 0.246	0.500	< 1.72	3.49	U	"	"	"	"	
75-01-4	Vinyl chloride	< 0.233	0.500	< 0.60	1.28	U	"	"	"	"	X
106-99-0	1,3-Butadiene	< 0.256	0.500	< 0.57	1.10	U	"	"	"	"	X
74-83-9	Bromomethane	< 0.212	0.500	< 0.82	1.94	U	"	"	"	"	X
75-00-3	Chloroethane	< 0.270	0.500	< 0.71	1.32	U	"	"	"	"	X
67-64-1	Acetone	16.2	0.500	38.50	1.19		"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	< 0.287	0.500	< 1.61	2.81	U	"	"	"	"	X
64-17-5	Ethanol	12.4	0.500	23.38	0.94		"	"	"	"	
107-13-1	Acrylonitrile	< 0.151	0.500	< 0.33	1.08	U	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 0.198	0.500	< 0.79	1.98	U	"	"	"	"	X
75-09-2	Methylene chloride	< 0.254	0.500	< 0.88	1.74	U	"	"	"	"	X
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	< 0.225	0.500	< 1.72	3.83	U	"	"	"	"	X
75-15-0	Carbon disulfide	0.220	0.500	0.68	1.56	J	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	< 0.191	0.500	< 0.76	1.98	U	"	"	"	"	X
75-34-3	1,1-Dichloroethane	< 0.191	0.500	< 0.77	2.02	U	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	< 0.192	0.500	< 0.69	1.80	U	"	"	"	"	X
67-63-0	Isopropyl alcohol	0.730	0.500	1.79	1.23		"	"	"	"	X
78-93-3	2-Butanone (MEK)	5.18	0.500	15.28	1.47		"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	< 0.135	0.500	< 0.54	1.98	U	"	"	"	"	X
110-54-3	Hexane	1.67	0.500	5.89	1.76		"	"	"	"	X
141-78-6	Ethyl acetate	0.670	0.500	2.41	1.80		"	"	"	"	
67-66-3	Chloroform	10.3	0.500	50.13	2.43		"	"	"	"	X
109-99-9	Tetrahydrofuran	0.960	0.500	2.83	1.47		"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.142	0.500	< 0.57	2.02	U	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	< 0.137	0.500	< 0.75	2.73	U	"	"	"	"	X
71-43-2	Benzene	8.76	0.500	27.95	1.60		"	"	"	"	X
56-23-5	Carbon tetrachloride	< 0.145	0.500	< 0.91	3.15	U	"	"	"	"	X
110-82-7	Cyclohexane	< 0.214	0.500	< 0.74	1.72	U	"	"	"	"	X
78-87-5	1,2-Dichloropropane	< 0.172	0.500	< 0.79	2.31	U	"	"	"	"	X
75-27-4	Bromodichloromethane	0.220	0.500	1.47	3.35	J	"	"	"	"	X
79-01-6	Trichloroethene	0.610	0.500	3.28	2.69		"	"	"	"	X
123-91-1	1,4-Dioxane	< 0.391	0.500	< 1.41	1.80	U	"	"	"	"	
142-82-5	n-Heptane	0.980	0.500	4.02	2.05		"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	3.07	0.500	12.58	2.05		"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	< 0.190	0.500	< 0.86	2.27	U	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	< 0.159	0.500	< 0.72	2.27	U	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	< 0.234	0.500	< 1.28	2.73	U	"	"	"	"	X
108-88-3	Toluene	28.1	0.500	105.73	1.88		"	"	"	"	X
591-78-6	2-Hexanone (MBK)	< 0.224	0.500	< 0.92	2.05	U	"	"	"	"	
124-48-1	Dibromochloromethane	< 0.193	0.500	< 1.64	4.26	U	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	< 0.150	0.500	< 1.15	3.84	U	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-08	4-47-040	Air	26-May-10 15:13	01-Jun-10
SB12974-08				

CAS No.	*Analyte(s)*	*Result/Units*	**RDL*	*Result ug/m³*	**RDL*	*Flag*	*Method Ref.*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Air Quality Analyses											
EPA TO-15		ppbv	Prepared 03-Jun-10 Dilution: 1			GS	Can pressure: -3 Can ID: 4562				
127-18-4	Tetrachloroethene	81.1	0.500	549.95	3.39		EPA TO-15	03-Jun-10	KG	1011837	X
108-90-7	Chlorobenzene	< 0.282	0.500	< 1.30	2.30	U	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	< 0.307	0.500	< 2.11	3.44	U	"	"	"	"	
100-41-4	Ethylbenzene	6.95	0.500	30.13	2.17		"	"	"	"	X
179601-23-1	m,p-Xylene	26.8	0.500	116.19	2.17		"	"	"	"	X
75-25-2	Bromoform	< 0.316	0.500	< 3.27	5.17	U	"	"	"	"	X
100-42-5	Styrene	< 0.187	0.500	< 0.80	2.13	U	"	"	"	"	X
95-47-6	o-Xylene	6.98	0.500	30.26	2.17		"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	< 0.436	0.500	< 2.99	3.43	U	"	"	"	"	X
98-82-8	Isopropylbenzene	1.86	0.500	9.14	2.46		"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	3.06	0.500	15.04	2.46		"	"	"	"	X
622-96-8	4-Ethyltoluene	3.83	0.500	18.83	2.46		"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 0.261	0.500	< 1.28	2.46	U	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	< 0.276	0.500	< 1.66	3.01	U	"	"	"	"	X
100-44-7	Benzyl chloride	< 0.247	0.500	< 1.27	2.58	U	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	< 0.259	0.500	< 1.56	3.01	U	"	"	"	"	X
135-98-8	sec-Butylbenzene	< 0.264	0.500	< 1.45	2.74	U	"	"	"	"	
99-87-6	4-Isopropyltoluene	< 0.245	0.500	< 1.31	2.68	U	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 0.227	0.500	< 1.36	3.01	U	"	"	"	"	X
104-51-8	n-Butylbenzene	< 0.213	0.500	< 1.17	2.74	U	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 0.160	0.500	< 1.19	3.71	U	"	"	"	"	X
87-68-3	Hexachlorobutadiene	< 0.248	0.500	< 2.64	5.33	U	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*111*		*70-130 %*			"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-07	4-47-040	Air	26-May-10 13:30	01-Jun-10
SB12974-09				

Air Quality Analyses

EPA TO-15 | ppbv | Prepared 03-Jun-10 Dilution: 2 | GS1 | Can pressure: -1 Can ID: 0205

CAS No.	Analyte(s)	Result/Units	*RDL	Result ug/m³	*RDL	Flag	Method Ref.	Analyzed	Analyst	Batch	Cert.
115-07-1	Propene	< 0.588	1.00	< 1.01	1.72	U	EPA TO-15	03-Jun-10	KG	1011837	
75-71-8	Dichlorodifluoromethane (Freon12)	0.520	1.00	2.57	4.94	J	"	"	"	"	X
74-87-3	Chloromethane	< 0.573	1.00	< 1.18	2.07	U	"	"	"	"	X
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	< 0.493	1.00	< 3.45	6.99	U	"	"	"	"	
75-01-4	Vinyl chloride	< 0.465	1.00	< 1.19	2.56	U	"	"	"	"	X
106-99-0	1,3-Butadiene	< 0.512	1.00	< 1.13	2.21	U	"	"	"	"	X
74-83-9	Bromomethane	< 0.423	1.00	< 1.64	3.88	U	"	"	"	"	X
75-00-3	Chloroethane	< 0.539	1.00	< 1.42	2.64	U	"	"	"	"	X
67-64-1	Acetone	45.3	1.00	107.65	2.38		"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	< 0.573	1.00	< 3.22	5.62	U	"	"	"	"	X
64-17-5	Ethanol	25.7	1.00	48.46	1.89		"	"	"	"	
107-13-1	Acrylonitrile	< 0.303	1.00	< 0.66	2.17	U	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 0.396	1.00	< 1.57	3.97	U	"	"	"	"	X
75-09-2	Methylene chloride	< 0.508	1.00	< 1.76	3.47	U	"	"	"	"	X
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	< 0.450	1.00	< 3.45	7.66	U	"	"	"	"	X
75-15-0	Carbon disulfide	< 0.373	1.00	< 1.16	3.11	U	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	< 0.382	1.00	< 1.51	3.97	U	"	"	"	"	X
75-34-3	1,1-Dichloroethane	< 0.382	1.00	< 1.55	4.05	U	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	< 0.385	1.00	< 1.39	3.61	U	"	"	"	"	X
67-63-0	Isopropyl alcohol	1.80	1.00	4.42	2.45		"	"	"	"	X
78-93-3	2-Butanone (MEK)	10.9	1.00	32.14	2.95		"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	< 0.270	1.00	< 1.07	3.97	U	"	"	"	"	X
110-54-3	Hexane	2.04	1.00	7.19	3.53		"	"	"	"	X
141-78-6	Ethyl acetate	0.740	1.00	2.67	3.60	J	"	"	"	"	
67-66-3	Chloroform	< 0.302	1.00	< 1.47	4.87	U	"	"	"	"	X
109-99-9	Tetrahydrofuran	3.06	1.00	9.02	2.95		"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.285	1.00	< 1.15	4.05	U	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	< 0.275	1.00	< 1.50	5.46	U	"	"	"	"	X
71-43-2	Benzene	16.7	1.00	53.28	3.19		"	"	"	"	X
56-23-5	Carbon tetrachloride	< 0.290	1.00	< 1.82	6.29	U	"	"	"	"	X
110-82-7	Cyclohexane	0.500	1.00	1.72	3.44	J	"	"	"	"	X
78-87-5	1,2-Dichloropropane	< 0.343	1.00	< 1.59	4.62	U	"	"	"	"	X
75-27-4	Bromodichloromethane	< 0.359	1.00	< 2.41	6.70	U	"	"	"	"	X
79-01-6	Trichloroethene	6.74	1.00	36.22	5.37		"	"	"	"	X
123-91-1	1,4-Dioxane	< 0.782	1.00	< 2.81	3.60	U	"	"	"	"	
142-82-5	n-Heptane	3.02	1.00	12.38	4.10		"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	4.62	1.00	18.93	4.10		"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	< 0.381	1.00	< 1.73	4.54	U	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	< 0.318	1.00	< 1.44	4.54	U	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	< 0.468	1.00	< 2.55	5.46	U	"	"	"	"	X
108-88-3	Toluene	61.2	1.00	230.28	3.76		"	"	"	"	X
591-78-6	2-Hexanone (MBK)	< 0.447	1.00	< 1.83	4.10	U	"	"	"	"	
124-48-1	Dibromochloromethane	< 0.386	1.00	< 3.29	8.52	U	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	< 0.300	1.00	< 2.31	7.69	U	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-07	4-47-040	Air	26-May-10 13:30	01-Jun-10
SB12974-09				

CAS No.	*Analyte(s)*	*Result/Units*	**RDL*	*Result ug/m³*	**RDL*	*Flag*	*Method Ref.*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Air Quality Analyses											
EPA TO-15		ppbv	Prepared 03-Jun-10 Dilution: 2			GS1	Can pressure: -1 Can ID: 0205				
127-18-4	Tetrachloroethene	181	1.00	1227.39	6.78		EPA TO-15	03-Jun-10	KG	1011837	X
108-90-7	Chlorobenzene	< 0.564	1.00	< 2.60	4.61	U	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	< 0.615	1.00	< 4.23	6.87	U	"	"	"	"	
100-41-4	Ethylbenzene	14.0	1.00	60.70	4.34		"	"	"	"	X
179601-23-1	m,p-Xylene	53.0	1.00	229.78	4.34		"	"	"	"	X
75-25-2	Bromoform	< 0.633	1.00	< 6.54	10.34	U	"	"	"	"	X
100-42-5	Styrene	0.660	1.00	2.81	4.25	J	"	"	"	"	X
95-47-6	o-Xylene	14.6	1.00	63.30	4.34		"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	< 0.871	1.00	< 5.98	6.87	U	"	"	"	"	X
98-82-8	Isopropylbenzene	2.22	1.00	10.91	4.92		"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	6.44	1.00	31.66	4.92		"	"	"	"	X
622-96-8	4-Ethyltoluene	6.70	1.00	32.94	4.92		"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	30.5	1.00	149.94	4.92		"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	< 0.553	1.00	< 3.32	6.01	U	"	"	"	"	X
100-44-7	Benzyl chloride	< 0.493	1.00	< 2.54	5.15	U	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	< 0.519	1.00	< 3.12	6.01	U	"	"	"	"	X
135-98-8	sec-Butylbenzene	< 0.529	1.00	< 2.90	5.49	U	"	"	"	"	
99-87-6	4-Isopropyltoluene	< 0.491	1.00	< 2.63	5.37	U	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 0.454	1.00	< 2.73	6.01	U	"	"	"	"	X
104-51-8	n-Butylbenzene	< 0.426	1.00	< 2.34	5.49	U	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 0.319	1.00	< 2.37	7.42	U	"	"	"	"	X
87-68-3	Hexachlorobutadiene	< 0.496	1.00	< 5.29	10.66	U	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*108*		*70-130 %*			"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-10	4-47-040	Air	26-May-10 12:40	01-Jun-10
SB12974-10				

CAS No.	*Analyte(s)*	*Result/Units*	**RDL*	*Result ug/m³*	**RDL*	*Flag*	*Method Ref.*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Air Quality Analyses											
EPA TO-15		ppbv	Prepared 04-Jun-10 Dilution: 63			GS1	Can pressure: -2 Can ID: 4620				
115-07-1	Propene	< 18.5	31.5	< 31.84	54.21	U	EPA TO-15	04-Jun-10	KG	1011907	
75-71-8	Dichlorodifluoromethane (Freon12)	< 15.3	31.5	< 75.66	155.76	U	"	"	"	"	X
74-87-3	Chloromethane	< 18.0	31.5	< 37.18	65.06	U	"	"	"	"	X
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	< 15.5	31.5	< 108.34	220.18	U	"	"	"	"	
75-01-4	Vinyl chloride	< 14.7	31.5	< 37.58	80.52	U	"	"	"	"	X
106-99-0	1,3-Butadiene	< 16.1	31.5	< 35.56	69.57	U	"	"	"	"	X
74-83-9	Bromomethane	< 13.3	31.5	< 51.62	122.26	U	"	"	"	"	X
75-00-3	Chloroethane	< 17.0	31.5	< 44.85	83.10	U	"	"	"	"	X
67-64-1	Acetone	251	31.5	596.45	74.85		"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	< 18.1	31.5	< 101.72	177.02	U	"	"	"	"	X
64-17-5	Ethanol	220	31.5	414.81	59.39		"	"	"	"	
107-13-1	Acrylonitrile	< 9.54	31.5	< 20.68	68.28	U	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 12.5	31.5	< 49.59	124.97	U	"	"	"	"	X
75-09-2	Methylene chloride	< 16.0	31.5	< 55.56	109.38	U	"	"	"	"	X
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	< 14.2	31.5	< 108.84	241.44	U	"	"	"	"	X
75-15-0	Carbon disulfide	38.4	31.5	119.52	98.04		"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	< 12.0	31.5	< 47.58	124.90	U	"	"	"	"	X
75-34-3	1,1-Dichloroethane	< 12.0	31.5	< 48.59	127.55	U	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	< 12.1	31.5	< 43.65	113.63	U	"	"	"	"	X
67-63-0	Isopropyl alcohol	125	31.5	306.75	77.30		"	"	"	"	X
78-93-3	2-Butanone (MEK)	< 25.6	31.5	< 75.49	92.89	U	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	765	31.5	3033.40	124.90		"	"	"	"	X
110-54-3	Hexane	164	31.5	578.19	111.06		"	"	"	"	X
141-78-6	Ethyl acetate	< 12.2	31.5	< 43.96	113.50	U	"	"	"	"	
67-66-3	Chloroform	< 9.52	31.5	< 46.33	153.31	U	"	"	"	"	X
109-99-9	Tetrahydrofuran	< 14.1	31.5	< 41.58	92.89	U	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 8.96	31.5	< 36.28	127.55	U	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	< 8.66	31.5	< 47.25	171.87	U	"	"	"	"	X
71-43-2	Benzene	< 9.54	31.5	< 30.43	100.49	U	"	"	"	"	X
56-23-5	Carbon tetrachloride	< 9.12	31.5	< 57.37	198.15	U	"	"	"	"	X
110-82-7	Cyclohexane	< 13.5	31.5	< 46.47	108.43	U	"	"	"	"	X
78-87-5	1,2-Dichloropropane	< 10.8	31.5	< 49.91	145.58	U	"	"	"	"	X
75-27-4	Bromodichloromethane	< 11.3	31.5	< 75.70	211.03	U	"	"	"	"	X
79-01-6	Trichloroethene	362	31.5	1945.47	169.29		"	"	"	"	X
123-91-1	1,4-Dioxane	< 24.6	31.5	< 88.54	113.37	U	"	"	"	"	
142-82-5	n-Heptane	< 8.67	31.5	< 35.53	129.09	U	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	< 14.5	31.5	< 59.42	129.09	U	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	< 12.0	31.5	< 54.48	143.01	U	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	< 10.0	31.5	< 45.40	143.01	U	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	< 14.7	31.5	< 80.20	171.87	U	"	"	"	"	X
108-88-3	Toluene	13.9	31.5	52.30	118.53	J	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	< 14.1	31.5	< 57.78	129.09	U	"	"	"	"	
124-48-1	Dibromochloromethane	< 12.2	31.5	< 103.94	268.36	U	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	< 9.45	31.5	< 72.62	242.08	U	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-10	4-47-040	Air	26-May-10 12:40	01-Jun-10
SB12974-10				

CAS No.	Analyte(s)	Result/Units	*RDL	Result ug/m³	*RDL	Flag	Method Ref.	Analyzed	Analyst	Batch	Cert.
Air Quality Analyses											
EPA TO-15		ppbv	Prepared 04-Jun-10 Dilution: 63			GS1	Can pressure: -2 Can ID: 4620				
127-18-4	Tetrachloroethene	3360	31.5	22784.79	213.61		EPA TO-15	04-Jun-10	KG	1011907	X
108-90-7	Chlorobenzene	< 17.8	31.5	< 81.97	145.07	U	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	< 19.4	31.5	< 133.30	216.44	U	"	"	"	"	
100-41-4	Ethylbenzene	< 12.0	31.5	< 52.02	136.56	U	"	"	"	"	X
179601-23-1	m,p-Xylene	< 30.8	31.5	< 133.53	136.56	U	"	"	"	"	X
75-25-2	Bromoform	< 19.9	31.5	< 205.67	325.56	U	"	"	"	"	X
100-42-5	Styrene	< 11.8	31.5	< 50.19	133.99	U	"	"	"	"	X
95-47-6	o-Xylene	< 16.8	31.5	< 72.83	136.56	U	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	< 27.4	31.5	< 188.16	216.31	U	"	"	"	"	X
98-82-8	Isopropylbenzene	< 16.3	31.5	< 80.13	154.86	U	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 18.0	31.5	< 88.49	154.86	U	"	"	"	"	X
622-96-8	4-Ethyltoluene	< 17.6	31.5	< 86.52	154.86	U	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 16.5	31.5	< 81.12	154.86	U	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	< 17.4	31.5	< 104.61	189.39	U	"	"	"	"	X
100-44-7	Benzyl chloride	< 15.5	31.5	< 79.88	162.33	U	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	< 16.3	31.5	< 98.00	189.39	U	"	"	"	"	X
135-98-8	sec-Butylbenzene	< 16.7	31.5	< 91.66	172.90	U	"	"	"	"	
99-87-6	4-Isopropyltoluene	< 15.5	31.5	< 83.17	169.03	U	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 14.3	31.5	< 85.98	189.39	U	"	"	"	"	X
104-51-8	n-Butylbenzene	< 13.4	31.5	< 73.55	172.90	U	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 10.0	31.5	< 74.23	233.83	U	"	"	"	"	X
87-68-3	Hexachlorobutadiene	< 15.6	31.5	< 166.34	335.87	U	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98*		*70-130 %*			"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-11	4-47-040	Air	26-May-10 14:37	01-Jun-10
SB12974-11				

Air Quality Analyses

EPA TO-15 | ppbv | Prepared 04-Jun-10 | Dilution: 1 | Can pressure: -10 | Can ID: 0240

CAS No.	Analyte(s)	Result/Units	*RDL	Result ug/m³	*RDL	Flag	Method Ref.	Analyzed	Analyst	Batch	Cert.
115-07-1	Propene	< 0.294	0.500	< 0.51	0.86	U	EPA TO-15	04-Jun-10	KG	1011907	
75-71-8	Dichlorodifluoromethane (Freon12)	0.930	0.500	4.60	2.47		"	"	"	"	X
74-87-3	Chloromethane	< 0.286	0.500	< 0.59	1.03	U	"	"	"	"	X
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	< 0.246	0.500	< 1.72	3.49	U	"	"	"	"	
75-01-4	Vinyl chloride	< 0.233	0.500	< 0.60	1.28	U	"	"	"	"	X
106-99-0	1,3-Butadiene	< 0.256	0.500	< 0.57	1.10	U	"	"	"	"	X
74-83-9	Bromomethane	< 0.212	0.500	< 0.82	1.94	U	"	"	"	"	X
75-00-3	Chloroethane	< 0.270	0.500	< 0.71	1.32	U	"	"	"	"	X
67-64-1	Acetone	28.8	0.500	68.44	1.19		"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	0.400	0.500	2.25	2.81	J	"	"	"	"	X
64-17-5	Ethanol	17.4	0.500	32.81	0.94		"	"	"	"	
107-13-1	Acrylonitrile	< 0.151	0.500	< 0.33	1.08	U	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 0.198	0.500	< 0.79	1.98	U	"	"	"	"	X
75-09-2	Methylene chloride	1.16	0.500	4.03	1.74		"	"	"	"	X
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	< 0.225	0.500	< 1.72	3.83	U	"	"	"	"	X
75-15-0	Carbon disulfide	0.330	0.500	1.03	1.56	J	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	< 0.191	0.500	< 0.76	1.98	U	"	"	"	"	X
75-34-3	1,1-Dichloroethane	< 0.191	0.500	< 0.77	2.02	U	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	< 0.192	0.500	< 0.69	1.80	U	"	"	"	"	X
67-63-0	Isopropyl alcohol	1.51	0.500	3.71	1.23		"	"	"	"	X
78-93-3	2-Butanone (MEK)	7.27	0.500	21.44	1.47		"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	< 0.135	0.500	< 0.54	1.98	U	"	"	"	"	X
110-54-3	Hexane	2.97	0.500	10.47	1.76		"	"	"	"	X
141-78-6	Ethyl acetate	< 0.194	0.500	< 0.70	1.80	U	"	"	"	"	
67-66-3	Chloroform	< 0.151	0.500	< 0.73	2.43	U	"	"	"	"	X
109-99-9	Tetrahydrofuran	1.53	0.500	4.51	1.47		"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.142	0.500	< 0.57	2.02	U	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	0.210	0.500	1.15	2.73	J	"	"	"	"	X
71-43-2	Benzene	14.1	0.500	44.98	1.60		"	"	"	"	X
56-23-5	Carbon tetrachloride	< 0.145	0.500	< 0.91	3.15	U	"	"	"	"	X
110-82-7	Cyclohexane	< 0.214	0.500	< 0.74	1.72	U	"	"	"	"	X
78-87-5	1,2-Dichloropropane	< 0.172	0.500	< 0.79	2.31	U	"	"	"	"	X
75-27-4	Bromodichloromethane	< 0.180	0.500	< 1.21	3.35	U	"	"	"	"	X
79-01-6	Trichloroethene	< 0.281	0.500	< 1.51	2.69	U	"	"	"	"	X
123-91-1	1,4-Dioxane	< 0.391	0.500	< 1.41	1.80	U	"	"	"	"	
142-82-5	n-Heptane	1.79	0.500	7.34	2.05		"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	4.08	0.500	16.72	2.05		"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	< 0.190	0.500	< 0.86	2.27	U	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	< 0.159	0.500	< 0.72	2.27	U	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	< 0.234	0.500	< 1.28	2.73	U	"	"	"	"	X
108-88-3	Toluene	51.5	0.500	193.78	1.88		"	"	"	"	X
591-78-6	2-Hexanone (MBK)	< 0.224	0.500	< 0.92	2.05	U	"	"	"	"	
124-48-1	Dibromochloromethane	< 0.193	0.500	< 1.64	4.26	U	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	< 0.150	0.500	< 1.15	3.84	U	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-11	4-47-040	Air	26-May-10 14:37	01-Jun-10
SB12974-11				

CAS No.	*Analyte(s)*	*Result/Units*	**RDL*	*Result ug/m³*	**RDL*	*Flag*	*Method Ref.*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Air Quality Analyses											
EPA TO-15		ppbv	Prepared 04-Jun-10 Dilution: 1				Can pressure: -10 Can ID: 0240				
127-18-4	Tetrachloroethene	114	0.500	773.06	3.39	E	EPA TO-15	04-Jun-10	KG	1011907	X
108-90-7	Chlorobenzene	< 0.282	0.500	< 1.30	2.30	U	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	< 0.307	0.500	< 2.11	3.44	U	"	"	"	"	
100-41-4	Ethylbenzene	12.2	0.500	52.89	2.17		"	"	"	"	X
179601-23-1	m,p-Xylene	49.1	0.500	212.87	2.17		"	"	"	"	X
75-25-2	Bromoform	< 0.316	0.500	< 3.27	5.17	U	"	"	"	"	X
100-42-5	Styrene	0.640	0.500	2.72	2.13		"	"	"	"	X
95-47-6	o-Xylene	13.5	0.500	58.53	2.17		"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	< 0.436	0.500	< 2.99	3.43	U	"	"	"	"	X
98-82-8	Isopropylbenzene	2.08	0.500	10.23	2.46		"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	6.48	0.500	31.86	2.46		"	"	"	"	X
622-96-8	4-Ethyltoluene	7.02	0.500	34.51	2.46		"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	32.2	0.500	158.30	2.46		"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	< 0.276	0.500	< 1.66	3.01	U	"	"	"	"	X
100-44-7	Benzyl chloride	< 0.247	0.500	< 1.27	2.58	U	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	< 0.259	0.500	< 1.56	3.01	U	"	"	"	"	X
135-98-8	sec-Butylbenzene	< 0.264	0.500	< 1.45	2.74	U	"	"	"	"	
99-87-6	4-Isopropyltoluene	2.76	0.500	14.81	2.68		"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 0.227	0.500	< 1.36	3.01	U	"	"	"	"	X
104-51-8	n-Butylbenzene	< 0.213	0.500	< 1.17	2.74	U	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 0.160	0.500	< 1.19	3.71	U	"	"	"	"	X
87-68-3	Hexachlorobutadiene	< 0.248	0.500	< 2.64	5.33	U	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*120*		*70-130 %*			"	"	"	"	
Re-analysis of EPA TO-15			Dilution: 2								
127-18-4	Tetrachloroethene	109	1.00	739.15	6.78		EPA TO-15	07-Jun-10	KG	1011922	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*116*		*70-130 %*			"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-12	4-47-040	Air	26-May-10 14:00	01-Jun-10
SB12974-12				

CAS No.	Analyte(s)	Result/Units	*RDL	Result ug/m³	*RDL	Flag	Method Ref.	Analyzed	Analyst	Batch	Cert.
Air Quality Analyses											
EPA TO-15		ppbv	Prepared 03-Jun-10 Dilution: 1			GS	Can pressure: -3 Can ID: 1399				
115-07-1	Propene	< 0.294	0.500	< 0.51	0.86	U	EPA TO-15	03-Jun-10	KG	1011837	
75-71-8	Dichlorodifluoromethane (Freon12)	0.610	0.500	3.02	2.47		"	"	"	"	X
74-87-3	Chloromethane	< 0.286	0.500	< 0.59	1.03	U	"	"	"	"	X
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	< 0.246	0.500	< 1.72	3.49	U	"	"	"	"	
75-01-4	Vinyl chloride	< 0.233	0.500	< 0.60	1.28	U	"	"	"	"	X
106-99-0	1,3-Butadiene	< 0.256	0.500	< 0.57	1.10	U	"	"	"	"	X
74-83-9	Bromomethane	< 0.212	0.500	< 0.82	1.94	U	"	"	"	"	X
75-00-3	Chloroethane	< 0.270	0.500	< 0.71	1.32	U	"	"	"	"	X
67-64-1	Acetone	11.9	0.500	28.28	1.19		"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	0.300	0.500	1.69	2.81	J	"	"	"	"	X
64-17-5	Ethanol	7.16	0.500	13.50	0.94		"	"	"	"	
107-13-1	Acrylonitrile	< 0.151	0.500	< 0.33	1.08	U	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 0.198	0.500	< 0.79	1.98	U	"	"	"	"	X
75-09-2	Methylene chloride	< 0.254	0.500	< 0.88	1.74	U	"	"	"	"	X
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	< 0.225	0.500	< 1.72	3.83	U	"	"	"	"	X
75-15-0	Carbon disulfide	< 0.186	0.500	< 0.58	1.56	U	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	< 0.191	0.500	< 0.76	1.98	U	"	"	"	"	X
75-34-3	1,1-Dichloroethane	< 0.191	0.500	< 0.77	2.02	U	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	< 0.192	0.500	< 0.69	1.80	U	"	"	"	"	X
67-63-0	Isopropyl alcohol	0.520	0.500	1.28	1.23		"	"	"	"	X
78-93-3	2-Butanone (MEK)	3.39	0.500	10.00	1.47		"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	0.780	0.500	3.09	1.98		"	"	"	"	X
110-54-3	Hexane	0.400	0.500	1.41	1.76	J	"	"	"	"	X
141-78-6	Ethyl acetate	0.270	0.500	0.97	1.80	J	"	"	"	"	
67-66-3	Chloroform	0.460	0.500	2.24	2.43	J	"	"	"	"	X
109-99-9	Tetrahydrofuran	0.670	0.500	1.98	1.47		"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.142	0.500	< 0.57	2.02	U	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	< 0.137	0.500	< 0.75	2.73	U	"	"	"	"	X
71-43-2	Benzene	4.03	0.500	12.86	1.60		"	"	"	"	X
56-23-5	Carbon tetrachloride	< 0.145	0.500	< 0.91	3.15	U	"	"	"	"	X
110-82-7	Cyclohexane	< 0.214	0.500	< 0.74	1.72	U	"	"	"	"	X
78-87-5	1,2-Dichloropropane	< 0.172	0.500	< 0.79	2.31	U	"	"	"	"	X
75-27-4	Bromodichloromethane	< 0.180	0.500	< 1.21	3.35	U	"	"	"	"	X
79-01-6	Trichloroethene	7.24	0.500	38.91	2.69		"	"	"	"	X
123-91-1	1,4-Dioxane	< 0.391	0.500	< 1.41	1.80	U	"	"	"	"	
142-82-5	n-Heptane	0.720	0.500	2.95	2.05		"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	1.83	0.500	7.50	2.05		"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	< 0.190	0.500	< 0.86	2.27	U	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	< 0.159	0.500	< 0.72	2.27	U	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	< 0.234	0.500	< 1.28	2.73	U	"	"	"	"	X
108-88-3	Toluene	21.5	0.500	80.90	1.88		"	"	"	"	X
591-78-6	2-Hexanone (MBK)	< 0.224	0.500	< 0.92	2.05	U	"	"	"	"	
124-48-1	Dibromochloromethane	< 0.193	0.500	< 1.64	4.26	U	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	< 0.150	0.500	< 1.15	3.84	U	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SV-12	4-47-040	Air	26-May-10 14:00	01-Jun-10
SB12974-12				

CAS No.	*Analyte(s)*	*Result/Units*	**RDL*	*Result ug/m³*	**RDL*	*Flag*	*Method Ref.*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Air Quality Analyses											
EPA TO-15		ppbv	Prepared 03-Jun-10 Dilution: 1			GS	Can pressure: -3 Can ID: 1399				
127-18-4	Tetrachloroethene	90.5	0.500	613.70	3.39		EPA TO-15	03-Jun-10	KG	1011837	X
108-90-7	Chlorobenzene	< 0.282	0.500	< 1.30	2.30	U	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	< 0.307	0.500	< 2.11	3.44	U	"	"	"	"	
100-41-4	Ethylbenzene	5.54	0.500	24.02	2.17		"	"	"	"	X
179601-23-1	m,p-Xylene	21.9	0.500	94.94	2.17		"	"	"	"	X
75-25-2	Bromoform	< 0.316	0.500	< 3.27	5.17	U	"	"	"	"	X
100-42-5	Styrene	0.300	0.500	1.28	2.13	J	"	"	"	"	X
95-47-6	o-Xylene	6.22	0.500	26.97	2.17		"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	< 0.436	0.500	< 2.99	3.43	U	"	"	"	"	X
98-82-8	Isopropylbenzene	1.02	0.500	5.01	2.46		"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	2.97	0.500	14.60	2.46		"	"	"	"	X
622-96-8	4-Ethyltoluene	3.33	0.500	16.37	2.46		"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	15.8	0.500	77.68	2.46		"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	< 0.276	0.500	< 1.66	3.01	U	"	"	"	"	X
100-44-7	Benzyl chloride	< 0.247	0.500	< 1.27	2.58	U	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	< 0.259	0.500	< 1.56	3.01	U	"	"	"	"	X
135-98-8	sec-Butylbenzene	< 0.264	0.500	< 1.45	2.74	U	"	"	"	"	
99-87-6	4-Isopropyltoluene	< 0.245	0.500	< 1.31	2.68	U	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 0.227	0.500	< 1.36	3.01	U	"	"	"	"	X
104-51-8	n-Butylbenzene	< 0.213	0.500	< 1.17	2.74	U	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 0.160	0.500	< 1.19	3.71	U	"	"	"	"	X
87-68-3	Hexachlorobutadiene	< 0.248	0.500	< 2.64	5.33	U	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*109*		*70-130 %*			"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Dupe	4-47-040	Air	26-May-10 12:00	01-Jun-10
SB12974-13				

CAS No.	Analyte(s)	Result/Units	*RDL	Result ug/m³	*RDL	Flag	Method Ref.	Analyzed	Analyst	Batch	Cert.
Air Quality Analyses											
EPA TO-15		ppbv	Prepared 03-Jun-10 Dilution: 20			GS1	Can pressure: -2 Can ID: 1340				
115-07-1	Propene	< 5.88	10.0	< 10.12	17.21	U	EPA TO-15	03-Jun-10	KG	1011837	
75-71-8	Dichlorodifluoromethane (Freon12)	< 4.86	10.0	< 24.03	49.45	U	"	"	"	"	X
74-87-3	Chloromethane	< 5.73	10.0	< 11.83	20.65	U	"	"	"	"	X
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	< 4.93	10.0	< 34.46	69.90	U	"	"	"	"	
75-01-4	Vinyl chloride	< 4.65	10.0	< 11.89	25.56	U	"	"	"	"	X
106-99-0	1,3-Butadiene	< 5.12	10.0	< 11.31	22.09	U	"	"	"	"	X
74-83-9	Bromomethane	< 4.23	10.0	< 16.42	38.81	U	"	"	"	"	X
75-00-3	Chloroethane	< 5.39	10.0	< 14.22	26.38	U	"	"	"	"	X
67-64-1	Acetone	< 5.98	10.0	< 14.21	23.76	U	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	8.20	10.0	46.08	56.20	J	"	"	"	"	X
64-17-5	Ethanol	< 6.70	10.0	< 12.63	18.85	U	"	"	"	"	
107-13-1	Acrylonitrile	< 3.03	10.0	< 6.57	21.68	U	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 3.96	10.0	< 15.71	39.67	U	"	"	"	"	X
75-09-2	Methylene chloride	< 5.08	10.0	< 17.64	34.72	U	"	"	"	"	X
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	< 4.50	10.0	< 34.49	76.65	U	"	"	"	"	X
75-15-0	Carbon disulfide	< 3.73	10.0	< 11.61	31.12	U	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	< 3.82	10.0	< 15.15	39.65	U	"	"	"	"	X
75-34-3	1,1-Dichloroethane	< 3.82	10.0	< 15.47	40.49	U	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	< 3.85	10.0	< 13.89	36.07	U	"	"	"	"	X
67-63-0	Isopropyl alcohol	< 4.13	10.0	< 10.13	24.54	U	"	"	"	"	X
78-93-3	2-Butanone (MEK)	< 8.11	10.0	< 23.92	29.49	U	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	55.8	10.0	221.26	39.65		"	"	"	"	X
110-54-3	Hexane	< 2.63	10.0	< 9.27	35.26	U	"	"	"	"	X
141-78-6	Ethyl acetate	< 3.88	10.0	< 13.98	36.03	U	"	"	"	"	
67-66-3	Chloroform	< 3.02	10.0	< 14.70	48.67	U	"	"	"	"	X
109-99-9	Tetrahydrofuran	< 4.49	10.0	< 13.24	29.49	U	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 2.85	10.0	< 11.54	40.49	U	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	< 2.75	10.0	< 15.00	54.56	U	"	"	"	"	X
71-43-2	Benzene	< 3.03	10.0	< 9.67	31.90	U	"	"	"	"	X
56-23-5	Carbon tetrachloride	< 2.90	10.0	< 18.24	62.90	U	"	"	"	"	X
110-82-7	Cyclohexane	< 4.29	10.0	< 14.77	34.42	U	"	"	"	"	X
78-87-5	1,2-Dichloropropane	< 3.43	10.0	< 15.85	46.22	U	"	"	"	"	X
75-27-4	Bromodichloromethane	< 3.59	10.0	< 24.05	66.99	U	"	"	"	"	X
79-01-6	Trichloroethene	56.2	10.0	302.03	53.74		"	"	"	"	X
123-91-1	1,4-Dioxane	< 7.82	10.0	< 28.15	35.99	U	"	"	"	"	
142-82-5	n-Heptane	< 2.75	10.0	< 11.27	40.98	U	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	< 4.59	10.0	< 18.81	40.98	U	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	< 3.81	10.0	< 17.30	45.40	U	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	< 3.18	10.0	< 14.44	45.40	U	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	< 4.68	10.0	< 25.53	54.56	U	"	"	"	"	X
108-88-3	Toluene	< 3.11	10.0	< 11.70	37.63	U	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	< 4.47	10.0	< 18.32	40.98	U	"	"	"	"	
124-48-1	Dibromochloromethane	< 3.86	10.0	< 32.88	85.19	U	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	< 3.00	10.0	< 23.06	76.85	U	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Dupe SB12974-13	4-47-040	Air	26-May-10 12:00	01-Jun-10

CAS No.	*Analyte(s)*	*Result/Units*	**RDL*	*Result ug/m³*	**RDL*	*Flag*	*Method Ref.*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Air Quality Analyses											
EPA TO-15		ppbv	Prepared 03-Jun-10 Dilution: 20			GS1	Can pressure: -2 Can ID: 1340				
127-18-4	Tetrachloroethene	2120	10.0	14376.11	67.81	E	EPA TO-15	03-Jun-10	KG	1011837	X
108-90-7	Chlorobenzene	< 5.64	10.0	< 25.97	46.05	U	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	< 6.15	10.0	< 42.26	68.71	U	"	"	"	"	
100-41-4	Ethylbenzene	< 3.82	10.0	< 16.56	43.35	U	"	"	"	"	X
179601-23-1	m,p-Xylene	< 9.78	10.0	< 42.40	43.35	U	"	"	"	"	X
75-25-2	Bromoform	< 6.33	10.0	< 65.42	103.35	U	"	"	"	"	X
100-42-5	Styrene	< 3.74	10.0	< 15.91	42.54	U	"	"	"	"	X
95-47-6	o-Xylene	< 5.33	10.0	< 23.11	43.35	U	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	< 8.71	10.0	< 59.81	68.67	U	"	"	"	"	X
98-82-8	Isopropylbenzene	< 5.19	10.0	< 25.51	49.16	U	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 5.70	10.0	< 28.02	49.16	U	"	"	"	"	X
622-96-8	4-Ethyltoluene	< 5.59	10.0	< 27.48	49.16	U	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 5.22	10.0	< 25.66	49.16	U	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	< 5.53	10.0	< 33.25	60.12	U	"	"	"	"	X
100-44-7	Benzyl chloride	< 4.93	10.0	< 25.41	51.53	U	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	< 5.19	10.0	< 31.20	60.12	U	"	"	"	"	X
135-98-8	sec-Butylbenzene	< 5.29	10.0	< 29.04	54.89	U	"	"	"	"	
99-87-6	4-Isopropyltoluene	< 4.91	10.0	< 26.35	53.66	U	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 4.54	10.0	< 27.30	60.12	U	"	"	"	"	X
104-51-8	n-Butylbenzene	< 4.26	10.0	< 23.38	54.89	U	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 3.19	10.0	< 23.68	74.23	U	"	"	"	"	X
87-68-3	Hexachlorobutadiene	< 4.96	10.0	< 52.89	106.63	U	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	
Re-analysis of EPA TO-15			Dilution: 63								
127-18-4	Tetrachloroethene	1460	31.5	9900.53	213.61		EPA TO-15	04-Jun-10	KG	1011907	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Ambient	4-47-040	Air	26-May-10 15:20	01-Jun-10
SB12974-14				

CAS No.	*Analyte(s)*	*Result/Units*	**RDL*	*Result ug/m³*	**RDL*	*Flag*	*Method Ref.*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Air Quality Analyses											
EPA TO-15 Low Level		ppbv	Prepared 08-Jun-10 Dilution: 1				Can pressure: -3 Can ID: 4625				
115-07-1	Propene	< 0.059621	0.10000	< 0.10	0.17	U	EPA TO-15	08-Jun-10	KRL	1012141	
75-71-8	Dichlorodifluoromethane (Freon12)	0.35000	0.10000	1.73	0.49		"	"	"	"	X
74-87-3	Chloromethane	0.52000	0.10000	1.07	0.21		"	"	"	"	X
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	< 0.050256	0.10000	< 0.35	0.70	U	"	"	"	"	
75-01-4	Vinyl chloride	< 0.053850	0.10000	< 0.14	0.26	U	"	"	"	"	X
106-99-0	1,3-Butadiene	< 0.050719	0.10000	< 0.11	0.22	U	"	"	"	"	X
74-83-9	Bromomethane	< 0.039878	0.10000	< 0.15	0.39	U	"	"	"	"	X
75-00-3	Chloroethane	< 0.056395	0.10000	< 0.15	0.26	U	"	"	"	"	X
67-64-1	Acetone	3.6800	0.50000	8.74	1.19		"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	0.26000	0.10000	1.46	0.56		"	"	"	"	X
64-17-5	Ethanol	6.5000	0.50000	12.26	0.94		"	"	"	"	
107-13-1	Acrylonitrile	< 0.029810	0.10000	< 0.06	0.22	U	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 0.033504	0.10000	< 0.13	0.40	U	"	"	"	"	X
75-09-2	Methylene chloride	0.10000	0.10000	0.35	0.35		"	"	"	"	X
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	0.070000	0.10000	0.54	0.77	J	"	"	"	"	X
75-15-0	Carbon disulfide	< 0.035536	0.50000	< 0.11	1.56	U	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	< 0.035536	0.10000	< 0.14	0.40	U	"	"	"	"	X
75-34-3	1,1-Dichloroethane	< 0.035536	0.10000	< 0.14	0.40	U	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	< 0.043253	0.10000	< 0.16	0.36	U	"	"	"	"	X
67-63-0	Isopropyl alcohol	0.31000	0.50000	0.76	1.23	J	"	"	"	"	X
78-93-3	2-Butanone (MEK)	1.0200	0.10000	3.01	0.29		"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	< 0.024658	0.10000	< 0.10	0.40	U	"	"	"	"	X
110-54-3	Hexane	0.68000	0.10000	2.40	0.35		"	"	"	"	X
141-78-6	Ethyl acetate	0.11000	0.10000	0.40	0.36		"	"	"	"	
67-66-3	Chloroform	< 0.023691	0.10000	< 0.12	0.49	U	"	"	"	"	X
109-99-9	Tetrahydrofuran	< 0.046885	0.10000	< 0.14	0.29	U	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.028198	0.10000	< 0.11	0.40	U	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	< 0.024658	0.10000	< 0.13	0.55	U	"	"	"	"	X
71-43-2	Benzene	0.26000	0.10000	0.83	0.32		"	"	"	"	X
56-23-5	Carbon tetrachloride	0.070000	0.10000	0.44	0.63	J	"	"	"	"	X
110-82-7	Cyclohexane	< 0.097200	0.10000	< 0.33	0.34	U	"	"	"	"	X
78-87-5	1,2-Dichloropropane	< 0.023691	0.10000	< 0.11	0.46	U	"	"	"	"	X
75-27-4	Bromodichloromethane	< 0.035536	0.10000	< 0.24	0.67	U	"	"	"	"	X
79-01-6	Trichloroethene	< 0.053414	0.10000	< 0.29	0.54	U	"	"	"	"	X
123-91-1	1,4-Dioxane	< 0.021627	0.50000	< 0.08	1.80	U	"	"	"	"	
142-82-5	n-Heptane	< 0.028198	0.10000	< 0.12	0.41	U	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	< 0.039287	0.10000	< 0.16	0.41	U	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	< 0.036188	0.10000	< 0.16	0.45	U	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	< 0.030585	0.10000	< 0.14	0.45	U	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	< 0.039287	0.10000	< 0.21	0.55	U	"	"	"	"	X
108-88-3	Toluene	0.92000	0.10000	3.46	0.38		"	"	"	"	X
591-78-6	2-Hexanone (MBK)	< 0.035536	0.10000	< 0.15	0.41	U	"	"	"	"	
124-48-1	Dibromochloromethane	< 0.044321	0.10000	< 0.38	0.85	U	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	< 0.030585	0.10000	< 0.24	0.77	U	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Ambient	4-47-040	Air	26-May-10 15:20	01-Jun-10
SB12974-14				

CAS No.	*Analyte(s)*	*Result/Units*	**RDL*	*Result ug/m³*	**RDL*	*Flag*	*Method Ref.*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Air Quality Analyses											
EPA TO-15 Low Level		ppbv	Prepared 08-Jun-10 Dilution: 1				Can pressure: -3 Can ID: 4625				
127-18-4	Tetrachloroethene	0.47000	0.10000	3.19	0.68		EPA TO-15	08-Jun-10	KRL	1012141	X
108-90-7	Chlorobenzene	< 0.047873	0.10000	< 0.22	0.46	U	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	< 0.054282	0.10000	< 0.37	0.69	U	"	"	"	"	
100-41-4	Ethylbenzene	0.21000	0.10000	0.91	0.43		"	"	"	"	X
179601-23-1	m,p-Xylene	0.75000	0.10000	3.25	0.43		"	"	"	"	X
75-25-2	Bromoform	< 0.067702	0.10000	< 0.70	1.03	U	"	"	"	"	X
100-42-5	Styrene	< 0.039287	0.10000	< 0.17	0.43	U	"	"	"	"	X
95-47-6	o-Xylene	0.22000	0.10000	0.95	0.43		"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	< 0.080630	0.10000	< 0.55	0.69	U	"	"	"	"	X
98-82-8	Isopropylbenzene	< 0.036188	0.10000	< 0.18	0.49	U	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 0.050256	0.10000	< 0.25	0.49	U	"	"	"	"	X
622-96-8	4-Ethyltoluene	< 0.054282	0.10000	< 0.27	0.49	U	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	0.22000	0.10000	1.08	0.49		"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	< 0.058432	0.10000	< 0.35	0.60	U	"	"	"	"	X
100-44-7	Benzyl chloride	< 0.053850	0.10000	< 0.28	0.52	U	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	< 0.042158	0.10000	< 0.25	0.60	U	"	"	"	"	X
135-98-8	sec-Butylbenzene	< 0.047873	0.10000	< 0.26	0.55	U	"	"	"	"	
99-87-6	4-Isopropyltoluene	< 0.045877	0.10000	< 0.25	0.54	U	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 0.042158	0.10000	< 0.25	0.60	U	"	"	"	"	X
104-51-8	n-Butylbenzene	< 0.038078	0.10000	< 0.21	0.55	U	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 0.024658	0.10000	< 0.18	0.74	U	"	"	"	"	X
87-68-3	Hexachlorobutadiene	< 0.042158	0.10000	< 0.45	1.07	U	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*108*		*70-130 %*			"	"	"	"	

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1011837 - General Air Prep										
Blank (1011837-BLK1)						Prepared & Analyzed: 03-Jun-10				
Propene	BRL	U	ppbv	0.294						
Dichlorodifluoromethane (Freon12)	BRL	U	ppbv	0.243						
Chloromethane	BRL	U	ppbv	0.286						
1,2-Dichlorotetrafluoroethane (Freon 114)	BRL	U	ppbv	0.246						
Vinyl chloride	BRL	U	ppbv	0.233						
1,3-Butadiene	BRL	U	ppbv	0.256						
Bromomethane	BRL	U	ppbv	0.212						
Chloroethane	BRL	U	ppbv	0.270						
Acetone	BRL	U	ppbv	0.299						
Trichlorofluoromethane (Freon 11)	BRL	U	ppbv	0.287						
Ethanol	BRL	U	ppbv	0.335						
Acrylonitrile	BRL	U	ppbv	0.151						
1,1-Dichloroethene	BRL	U	ppbv	0.198						
Methylene chloride	BRL	U	ppbv	0.254						
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	ppbv	0.225						
Carbon disulfide	BRL	U	ppbv	0.186						
trans-1,2-Dichloroethene	BRL	U	ppbv	0.191						
1,1-Dichloroethane	BRL	U	ppbv	0.191						
Methyl tert-butyl ether	BRL	U	ppbv	0.192						
Isopropyl alcohol	BRL	U	ppbv	0.207						
2-Butanone (MEK)	BRL	U	ppbv	0.406						
cis-1,2-Dichloroethene	BRL	U	ppbv	0.135						
Hexane	BRL	U	ppbv	0.131						
Ethyl acetate	BRL	U	ppbv	0.194						
Chloroform	BRL	U	ppbv	0.151						
Tetrahydrofuran	BRL	U	ppbv	0.225						
1,2-Dichloroethane	BRL	U	ppbv	0.142						
1,1,1-Trichloroethane	BRL	U	ppbv	0.137						
Benzene	BRL	U	ppbv	0.151						
Carbon tetrachloride	BRL	U	ppbv	0.145						
Cyclohexane	BRL	U	ppbv	0.214						
1,2-Dichloropropane	BRL	U	ppbv	0.172						
Bromodichloromethane	BRL	U	ppbv	0.180						
Trichloroethene	BRL	U	ppbv	0.281						
1,4-Dioxane	BRL	U	ppbv	0.391						
n-Heptane	BRL	U	ppbv	0.138						
4-Methyl-2-pentanone (MIBK)	BRL	U	ppbv	0.230						
cis-1,3-Dichloropropene	BRL	U	ppbv	0.190						
trans-1,3-Dichloropropene	BRL	U	ppbv	0.159						
1,1,2-Trichloroethane	BRL	U	ppbv	0.234						
Toluene	BRL	U	ppbv	0.156						
2-Hexanone (MBK)	BRL	U	ppbv	0.224						
Dibromochloromethane	BRL	U	ppbv	0.193						
1,2-Dibromoethane (EDB)	BRL	U	ppbv	0.150						
Tetrachloroethene	BRL	U	ppbv	0.191						
Chlorobenzene	BRL	U	ppbv	0.282						
1,1,1,2-Tetrachloroethane	BRL	U	ppbv	0.307						
Ethylbenzene	BRL	U	ppbv	0.191						
m,p-Xylene	BRL	U	ppbv	0.489						
Bromoform	BRL	U	ppbv	0.316						
Styrene	BRL	U	ppbv	0.187						
o-Xylene	BRL	U	ppbv	0.266						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1011837 - General Air Prep										
Blank (1011837-BLK1)					Prepared & Analyzed: 03-Jun-10					
1,1,2,2-Tetrachloroethane	BRL	U	ppbv	0.436						
Isopropylbenzene	BRL	U	ppbv	0.259						
1,3,5-Trimethylbenzene	BRL	U	ppbv	0.285						
4-Ethyltoluene	BRL	U	ppbv	0.280						
1,2,4-Trimethylbenzene	BRL	U	ppbv	0.261						
1,3-Dichlorobenzene	BRL	U	ppbv	0.276						
Benzyl chloride	BRL	U	ppbv	0.247						
1,4-Dichlorobenzene	BRL	U	ppbv	0.259						
sec-Butylbenzene	BRL	U	ppbv	0.264						
4-Isopropyltoluene	BRL	U	ppbv	0.245						
1,2-Dichlorobenzene	BRL	U	ppbv	0.227						
n-Butylbenzene	BRL	U	ppbv	0.213						
1,2,4-Trichlorobenzene	BRL	U	ppbv	0.160						
Hexachlorobutadiene	BRL	U	ppbv	0.248						
Surrogate: 4-Bromofluorobenzene	*9.23*		ppbv		*10.0*		*92*	*70-130*		
LCS (1011837-BS1)					Prepared & Analyzed: 03-Jun-10					
Propene	7.61		ppbv		10.0		76	70-130		
Dichlorodifluoromethane (Freon12)	8.38		ppbv		10.0		84	70-130		
Chloromethane	8.69		ppbv		10.0		87	70-130		
1,2-Dichlorotetrafluoroethane (Freon 114)	9.18		ppbv		10.0		92	70-130		
Vinyl chloride	9.18		ppbv		10.0		92	70-130		
1,3-Butadiene	9.09		ppbv		10.0		91	70-130		
Bromomethane	8.52		ppbv		10.0		85	70-130		
Chloroethane	8.74		ppbv		10.0		87	70-130		
Acetone	9.05		ppbv		10.0		90	70-130		
Trichlorofluoromethane (Freon 11)	9.14		ppbv		10.0		91	70-130		
Ethanol	11.4		ppbv		10.0		114	52.8-141		
Acrylonitrile	8.27		ppbv		10.0		83	60-160		
1,1-Dichloroethene	8.98		ppbv		10.0		90	70-130		
Methylene chloride	7.96		ppbv		10.0		80	70-130		
1,1,2-Trichlorotrifluoroethane (Freon 113)	9.19		ppbv		10.0		92	70-130		
Carbon disulfide	7.71		ppbv		10.0		77	70-130		
trans-1,2-Dichloroethene	7.70		ppbv		10.0		77	70-130		
1,1-Dichloroethane	7.61		ppbv		10.0		76	70-130		
Methyl tert-butyl ether	7.70		ppbv		10.0		77	70-130		
Isopropyl alcohol	9.76		ppbv		10.0		98	70-130		
2-Butanone (MEK)	7.87		ppbv		10.0		79	70-130		
cis-1,2-Dichloroethene	7.71		ppbv		10.0		77	70-130		
Hexane	8.00		ppbv		10.0		80	70-130		
Ethyl acetate	7.92		ppbv		10.0		79	70-130		
Chloroform	7.83		ppbv		10.0		78	70-130		
Tetrahydrofuran	8.33		ppbv		10.0		83	70-130		
1,2-Dichloroethane	7.74		ppbv		10.0		77	70-130		
1,1,1-Trichloroethane	7.78		ppbv		10.0		78	70-130		
Benzene	7.78		ppbv		10.0		78	70-130		
Carbon tetrachloride	7.44		ppbv		10.0		74	70-130		
Cyclohexane	8.13		ppbv		10.0		81	70-130		
1,2-Dichloropropane	7.79		ppbv		10.0		78	70-130		
Bromodichloromethane	7.68		ppbv		10.0		77	70-130		
Trichloroethene	8.28		ppbv		10.0		83	70-130		
1,4-Dioxane	8.42		ppbv		10.0		84	60-160		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1011837 - General Air Prep										
LCS (1011837-BS1)					Prepared & Analyzed: 03-Jun-10					
n-Heptane	8.32		ppbv		10.0		83	70-130		
4-Methyl-2-pentanone (MIBK)	8.14		ppbv		10.0		81	70-130		
cis-1,3-Dichloropropene	7.75		ppbv		10.0		78	70-130		
trans-1,3-Dichloropropene	7.76		ppbv		10.0		78	70-130		
1,1,2-Trichloroethane	8.09		ppbv		10.0		81	70-130		
Toluene	8.31		ppbv		10.0		83	70-130		
2-Hexanone (MBK)	7.11		ppbv		10.0		71	70-130		
Dibromochloromethane	7.62		ppbv		10.0		76	70-130		
1,2-Dibromoethane (EDB)	8.14		ppbv		10.0		81	70-130		
Tetrachloroethene	8.17		ppbv		10.0		82	70-130		
Chlorobenzene	8.61		ppbv		10.0		86	70-130		
1,1,1,2-Tetrachloroethane	8.71		ppbv		10.0		87	60-160		
Ethylbenzene	9.30		ppbv		10.0		93	70-130		
m,p-Xylene	19.4		ppbv		20.0		97	70-130		
Bromoform	7.11		ppbv		10.0		71	70-130		
Styrene	9.67		ppbv		10.0		97	70-130		
o-Xylene	9.91		ppbv		10.0		99	70-130		
1,1,2,2-Tetrachloroethane	9.36		ppbv		10.0		94	70-130		
Isopropylbenzene	9.30		ppbv		10.0		93	60-160		
1,3,5-Trimethylbenzene	9.79		ppbv		10.0		98	70-130		
4-Ethyltoluene	9.53		ppbv		10.0		95	70-130		
1,2,4-Trimethylbenzene	9.77		ppbv		10.0		98	70-130		
1,3-Dichlorobenzene	9.72		ppbv		10.0		97	70-130		
Benzyl chloride	9.27		ppbv		10.0		93	70-130		
1,4-Dichlorobenzene	9.58		ppbv		10.0		96	70-130		
sec-Butylbenzene	9.66		ppbv		10.0		97	60-160		
4-Isopropyltoluene	10.4		ppbv		10.0		104	60-160		
1,2-Dichlorobenzene	9.48		ppbv		10.0		95	70-130		
n-Butylbenzene	10.4		ppbv		10.0		104	60-160		
1,2,4-Trichlorobenzene	7.79		ppbv		10.0		78	70-130		
Hexachlorobutadiene	7.54		ppbv		10.0		75	70-130		
Surrogate: 4-Bromofluorobenzene	*10.1*		ppbv		*10.0*		*101*	*70-130*		
Duplicate (1011837-DUP1)			**Source: SB12974-02**		Prepared & Analyzed: 03-Jun-10					
Propene	BRL	U	ppbv	5.88		BRL				30
Dichlorodifluoromethane (Freon12)	BRL	U	ppbv	4.86		BRL				30
Chloromethane	BRL	U	ppbv	5.73		BRL				30
1,2-Dichlorotetrafluoroethane (Freon 114)	BRL	U	ppbv	4.93		BRL				30
Vinyl chloride	BRL	U	ppbv	4.65		BRL				30
1,3-Butadiene	BRL	U	ppbv	5.12		BRL				30
Bromomethane	BRL	U	ppbv	4.23		BRL				30
Chloroethane	BRL	U	ppbv	5.39		BRL				30
Acetone	BRL	U	ppbv	5.98		BRL				30
Trichlorofluoromethane (Freon 11)	7.80	J	ppbv	5.73		7.40			5	30
Ethanol	BRL	U	ppbv	6.70		BRL				30
Acrylonitrile	BRL	U	ppbv	3.03		BRL				30
1,1-Dichloroethene	BRL	U	ppbv	3.96		BRL				30
Methylene chloride	BRL	U	ppbv	5.08		BRL				30
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	ppbv	4.50		BRL				30
Carbon disulfide	BRL	U	ppbv	3.73		BRL				30
trans-1,2-Dichloroethene	BRL	U	ppbv	3.82		BRL				30
1,1-Dichloroethane	BRL	U	ppbv	3.82		BRL				30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1011837 - General Air Prep										
Duplicate (1011837-DUP1)			**Source: SB12974-02**		Prepared & Analyzed: 03-Jun-10					
Methyl tert-butyl ether	BRL	U	ppbv	3.85		BRL				30
Isopropyl alcohol	BRL	U	ppbv	4.13		BRL				30
2-Butanone (MEK)	BRL	U	ppbv	8.11		BRL				30
cis-1,2-Dichloroethene	32.4		ppbv	2.70		32.0			1	30
Hexane	BRL	U	ppbv	2.63		BRL				30
Ethyl acetate	BRL	U	ppbv	3.88		BRL				30
Chloroform	BRL	U	ppbv	3.02		BRL				30
Tetrahydrofuran	BRL	U	ppbv	4.49		BRL				30
1,2-Dichloroethane	BRL	U	ppbv	2.85		BRL				30
1,1,1-Trichloroethane	BRL	U	ppbv	2.75		BRL				30
Benzene	BRL	U	ppbv	3.03		BRL				30
Carbon tetrachloride	BRL	U	ppbv	2.90		BRL				30
Cyclohexane	BRL	U	ppbv	4.29		BRL				30
1,2-Dichloropropane	BRL	U	ppbv	3.43		BRL				30
Bromodichloromethane	BRL	U	ppbv	3.59		BRL				30
Trichloroethene	39.2		ppbv	5.63		37.8			4	30
1,4-Dioxane	BRL	U	ppbv	7.82		BRL				30
n-Heptane	BRL	U	ppbv	2.75		BRL				30
4-Methyl-2-pentanone (MIBK)	BRL	U	ppbv	4.59		BRL				30
cis-1,3-Dichloropropene	BRL	U	ppbv	3.81		BRL				30
trans-1,3-Dichloropropene	BRL	U	ppbv	3.18		BRL				30
1,1,2-Trichloroethane	BRL	U	ppbv	4.68		BRL				30
Toluene	BRL	U	ppbv	3.11		BRL				30
2-Hexanone (MBK)	BRL	U	ppbv	4.47		BRL				30
Dibromochloromethane	BRL	U	ppbv	3.86		BRL				30
1,2-Dibromoethane (EDB)	BRL	U	ppbv	3.00		BRL				30
Tetrachloroethene	1840		ppbv	3.82		1780			3	30
Chlorobenzene	BRL	U	ppbv	5.64		BRL				30
1,1,1,2-Tetrachloroethane	BRL	U	ppbv	6.15		BRL				30
Ethylbenzene	BRL	U	ppbv	3.82		BRL				30
m,p-Xylene	BRL	U	ppbv	9.78		BRL				30
Bromoform	BRL	U	ppbv	6.33		BRL				30
Styrene	BRL	U	ppbv	3.74		BRL				30
o-Xylene	BRL	U	ppbv	5.33		BRL				30
1,1,2,2-Tetrachloroethane	BRL	U	ppbv	8.71		BRL				30
Isopropylbenzene	BRL	U	ppbv	5.19		BRL				30
1,3,5-Trimethylbenzene	BRL	U	ppbv	5.70		BRL				30
4-Ethyltoluene	BRL	U	ppbv	5.59		BRL				30
1,2,4-Trimethylbenzene	BRL	U	ppbv	5.22		BRL				30
1,3-Dichlorobenzene	BRL	U	ppbv	5.53		BRL				30
Benzyl chloride	BRL	U	ppbv	4.93		BRL				30
1,4-Dichlorobenzene	BRL	U	ppbv	5.19		BRL				30
sec-Butylbenzene	BRL	U	ppbv	5.29		BRL				30
4-Isopropyltoluene	BRL	U	ppbv	4.91		BRL				30
1,2-Dichlorobenzene	BRL	U	ppbv	4.54		BRL				30
n-Butylbenzene	BRL	U	ppbv	4.26		BRL				30
1,2,4-Trichlorobenzene	BRL	U	ppbv	3.19		BRL				30
Hexachlorobutadiene	BRL	U	ppbv	4.96		BRL				30
Surrogate: 4-Bromofluorobenzene	*9.08*		ppbv		*10.0*		*91*	*70-130*		
Batch 1011907 - General Air Prep										
Blank (1011907-BLK1)					Prepared & Analyzed: 04-Jun-10					

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1011907 - General Air Prep										
Blank (1011907-BLK1)					Prepared & Analyzed: 04-Jun-10					
Propene	BRL	U	ppbv	0.294						
Dichlorodifluoromethane (Freon12)	BRL	U	ppbv	0.243						
Chloromethane	BRL	U	ppbv	0.286						
1,2-Dichlorotetrafluoroethane (Freon 114)	BRL	U	ppbv	0.246						
Vinyl chloride	BRL	U	ppbv	0.233						
1,3-Butadiene	BRL	U	ppbv	0.256						
Bromomethane	BRL	U	ppbv	0.212						
Chloroethane	BRL	U	ppbv	0.270						
Acetone	BRL	U	ppbv	0.299						
Trichlorofluoromethane (Freon 11)	BRL	U	ppbv	0.287						
Ethanol	BRL	U	ppbv	0.335						
Acrylonitrile	BRL	U	ppbv	0.151						
1,1-Dichloroethene	BRL	U	ppbv	0.198						
Methylene chloride	BRL	U	ppbv	0.254						
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	ppbv	0.225						
Carbon disulfide	BRL	U	ppbv	0.186						
trans-1,2-Dichloroethene	BRL	U	ppbv	0.191						
1,1-Dichloroethane	BRL	U	ppbv	0.191						
Methyl tert-butyl ether	BRL	U	ppbv	0.192						
Isopropyl alcohol	BRL	U	ppbv	0.207						
2-Butanone (MEK)	BRL	U	ppbv	0.406						
cis-1,2-Dichloroethene	BRL	U	ppbv	0.135						
Hexane	BRL	U	ppbv	0.131						
Ethyl acetate	BRL	U	ppbv	0.194						
Chloroform	BRL	U	ppbv	0.151						
Tetrahydrofuran	BRL	U	ppbv	0.225						
1,2-Dichloroethane	BRL	U	ppbv	0.142						
1,1,1-Trichloroethane	BRL	U	ppbv	0.137						
Benzene	BRL	U	ppbv	0.151						
Carbon tetrachloride	BRL	U	ppbv	0.145						
Cyclohexane	BRL	U	ppbv	0.214						
1,2-Dichloropropane	BRL	U	ppbv	0.172						
Bromodichloromethane	BRL	U	ppbv	0.180						
Trichloroethene	BRL	U	ppbv	0.281						
1,4-Dioxane	BRL	U	ppbv	0.391						
n-Heptane	BRL	U	ppbv	0.138						
4-Methyl-2-pentanone (MIBK)	BRL	U	ppbv	0.230						
cis-1,3-Dichloropropene	BRL	U	ppbv	0.190						
trans-1,3-Dichloropropene	BRL	U	ppbv	0.159						
1,1,2-Trichloroethane	BRL	U	ppbv	0.234						
Toluene	BRL	U	ppbv	0.156						
2-Hexanone (MBK)	BRL	U	ppbv	0.224						
Dibromochloromethane	BRL	U	ppbv	0.193						
1,2-Dibromoethane (EDB)	BRL	U	ppbv	0.150						
Tetrachloroethene	BRL	U	ppbv	0.191						
Chlorobenzene	BRL	U	ppbv	0.282						
1,1,1,2-Tetrachloroethane	BRL	U	ppbv	0.307						
Ethylbenzene	BRL	U	ppbv	0.191						
m,p-Xylene	BRL	U	ppbv	0.489						
Bromoform	BRL	U	ppbv	0.316						
Styrene	BRL	U	ppbv	0.187						
o-Xylene	BRL	U	ppbv	0.266						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1011907 - General Air Prep										
Blank (1011907-BLK1)					Prepared & Analyzed: 04-Jun-10					
1,1,2,2-Tetrachloroethane	BRL	U	ppbv	0.436						
Isopropylbenzene	BRL	U	ppbv	0.259						
1,3,5-Trimethylbenzene	BRL	U	ppbv	0.285						
4-Ethyltoluene	BRL	U	ppbv	0.280						
1,2,4-Trimethylbenzene	BRL	U	ppbv	0.261						
1,3-Dichlorobenzene	BRL	U	ppbv	0.276						
Benzyl chloride	BRL	U	ppbv	0.247						
1,4-Dichlorobenzene	BRL	U	ppbv	0.259						
sec-Butylbenzene	BRL	U	ppbv	0.264						
4-Isopropyltoluene	BRL	U	ppbv	0.245						
1,2-Dichlorobenzene	BRL	U	ppbv	0.227						
n-Butylbenzene	BRL	U	ppbv	0.213						
1,2,4-Trichlorobenzene	BRL	U	ppbv	0.160						
Hexachlorobutadiene	BRL	U	ppbv	0.248						
Surrogate: 4-Bromofluorobenzene	*9.35*		ppbv		*10.0*		*94*	*70-130*		
LCS (1011907-BS1)					Prepared & Analyzed: 04-Jun-10					
Propene	7.84		ppbv		10.0		78	70-130		
Dichlorodifluoromethane (Freon12)	8.60		ppbv		10.0		86	70-130		
Chloromethane	7.05		ppbv		10.0		70	70-130		
1,2-Dichlorotetrafluoroethane (Freon 114)	8.93		ppbv		10.0		89	70-130		
Vinyl chloride	8.25		ppbv		10.0		82	70-130		
1,3-Butadiene	8.52		ppbv		10.0		85	70-130		
Bromomethane	8.48		ppbv		10.0		85	70-130		
Chloroethane	8.34		ppbv		10.0		83	70-130		
Acetone	9.34		ppbv		10.0		93	70-130		
Trichlorofluoromethane (Freon 11)	9.43		ppbv		10.0		94	70-130		
Ethanol	11.5		ppbv		10.0		115	52.8-141		
Acrylonitrile	8.35		ppbv		10.0		84	60-160		
1,1-Dichloroethene	9.10		ppbv		10.0		91	70-130		
Methylene chloride	8.19		ppbv		10.0		82	70-130		
1,1,2-Trichlorotrifluoroethane (Freon 113)	9.36		ppbv		10.0		94	70-130		
Carbon disulfide	7.88		ppbv		10.0		79	70-130		
trans-1,2-Dichloroethene	7.81		ppbv		10.0		78	70-130		
1,1-Dichloroethane	7.73		ppbv		10.0		77	70-130		
Methyl tert-butyl ether	7.84		ppbv		10.0		78	70-130		
Isopropyl alcohol	10.0		ppbv		10.0		100	70-130		
2-Butanone (MEK)	8.03		ppbv		10.0		80	70-130		
cis-1,2-Dichloroethene	7.77		ppbv		10.0		78	70-130		
Hexane	8.23		ppbv		10.0		82	70-130		
Ethyl acetate	8.06		ppbv		10.0		81	70-130		
Chloroform	8.03		ppbv		10.0		80	70-130		
Tetrahydrofuran	8.40		ppbv		10.0		84	70-130		
1,2-Dichloroethane	7.88		ppbv		10.0		79	70-130		
1,1,1-Trichloroethane	7.89		ppbv		10.0		79	70-130		
Benzene	7.90		ppbv		10.0		79	70-130		
Carbon tetrachloride	7.51		ppbv		10.0		75	70-130		
Cyclohexane	8.27		ppbv		10.0		83	70-130		
1,2-Dichloropropane	7.96		ppbv		10.0		80	70-130		
Bromodichloromethane	7.98		ppbv		10.0		80	70-130		
Trichloroethene	8.62		ppbv		10.0		86	70-130		
1,4-Dioxane	8.88		ppbv		10.0		89	60-160		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1011907 - General Air Prep										
LCS (1011907-BS1)					Prepared & Analyzed: 04-Jun-10					
n-Heptane	8.66		ppbv		10.0		87	70-130		
4-Methyl-2-pentanone (MIBK)	8.62		ppbv		10.0		86	70-130		
cis-1,3-Dichloropropene	8.01		ppbv		10.0		80	70-130		
trans-1,3-Dichloropropene	8.04		ppbv		10.0		80	70-130		
1,1,2-Trichloroethane	8.38		ppbv		10.0		84	70-130		
Toluene	8.53		ppbv		10.0		85	70-130		
2-Hexanone (MBK)	7.47		ppbv		10.0		75	70-130		
Dibromochloromethane	7.80		ppbv		10.0		78	70-130		
1,2-Dibromoethane (EDB)	8.32		ppbv		10.0		83	70-130		
Tetrachloroethene	8.33		ppbv		10.0		83	70-130		
Chlorobenzene	8.85		ppbv		10.0		88	70-130		
1,1,1,2-Tetrachloroethane	8.91		ppbv		10.0		89	60-160		
Ethylbenzene	9.53		ppbv		10.0		95	70-130		
m,p-Xylene	19.7		ppbv		20.0		99	70-130		
Bromoform	7.02		ppbv		10.0		70	70-130		
Styrene	9.81		ppbv		10.0		98	70-130		
o-Xylene	9.99		ppbv		10.0		100	70-130		
1,1,2,2-Tetrachloroethane	9.61		ppbv		10.0		96	70-130		
Isopropylbenzene	9.46		ppbv		10.0		95	60-160		
1,3,5-Trimethylbenzene	10.1		ppbv		10.0		101	70-130		
4-Ethyltoluene	9.66		ppbv		10.0		97	70-130		
1,2,4-Trimethylbenzene	9.94		ppbv		10.0		99	70-130		
1,3-Dichlorobenzene	9.93		ppbv		10.0		99	70-130		
Benzyl chloride	9.44		ppbv		10.0		94	70-130		
1,4-Dichlorobenzene	9.73		ppbv		10.0		97	70-130		
sec-Butylbenzene	9.84		ppbv		10.0		98	60-160		
4-Isopropyltoluene	10.6		ppbv		10.0		106	60-160		
1,2-Dichlorobenzene	9.68		ppbv		10.0		97	70-130		
n-Butylbenzene	10.6		ppbv		10.0		106	60-160		
1,2,4-Trichlorobenzene	8.50		ppbv		10.0		85	70-130		
Hexachlorobutadiene	7.95		ppbv		10.0		80	70-130		
Surrogate: 4-Bromofluorobenzene	*10.1*		ppbv		*10.0*		*101*	*70-130*		
Duplicate (1011907-DUP1)			**Source: SB12974-04RE1**		Prepared & Analyzed: 04-Jun-10					
Tetrachloroethene	526		ppbv	1.91		524			0.4	30
Surrogate: 4-Bromofluorobenzene	*9.55*		ppbv		*10.0*		*96*	*70-130*		
Batch 1011922 - General Air Prep										
Blank (1011922-BLK1)					Prepared & Analyzed: 07-Jun-10					
Propene	BRL	U	ppbv	0.294						
Dichlorodifluoromethane (Freon12)	BRL	U	ppbv	0.243						
Chloromethane	BRL	U	ppbv	0.286						
1,2-Dichlorotetrafluoroethane (Freon 114)	BRL	U	ppbv	0.246						
Vinyl chloride	BRL	U	ppbv	0.233						
1,3-Butadiene	BRL	U	ppbv	0.256						
Bromomethane	BRL	U	ppbv	0.212						
Chloroethane	BRL	U	ppbv	0.270						
Acetone	BRL	U	ppbv	0.299						
Trichlorofluoromethane (Freon 11)	BRL	U	ppbv	0.287						
Ethanol	BRL	U	ppbv	0.335						
Acrylonitrile	BRL	U	ppbv	0.151						
1,1-Dichloroethene	BRL	U	ppbv	0.198						
Methylene chloride	BRL	U	ppbv	0.254						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1011922 - General Air Prep										
Blank (1011922-BLK1)						Prepared & Analyzed: 07-Jun-10				
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	ppbv	0.225						
Carbon disulfide	BRL	U	ppbv	0.186						
trans-1,2-Dichloroethene	BRL	U	ppbv	0.191						
1,1-Dichloroethane	BRL	U	ppbv	0.191						
Methyl tert-butyl ether	BRL	U	ppbv	0.192						
Isopropyl alcohol	BRL	U	ppbv	0.207						
2-Butanone (MEK)	BRL	U	ppbv	0.406						
cis-1,2-Dichloroethene	BRL	U	ppbv	0.135						
Hexane	BRL	U	ppbv	0.131						
Ethyl acetate	BRL	U	ppbv	0.194						
Chloroform	BRL	U	ppbv	0.151						
Tetrahydrofuran	BRL	U	ppbv	0.225						
1,2-Dichloroethane	BRL	U	ppbv	0.142						
1,1,1-Trichloroethane	BRL	U	ppbv	0.137						
Benzene	BRL	U	ppbv	0.151						
Carbon tetrachloride	BRL	U	ppbv	0.145						
Cyclohexane	BRL	U	ppbv	0.214						
1,2-Dichloropropane	BRL	U	ppbv	0.172						
Bromodichloromethane	BRL	U	ppbv	0.180						
Trichloroethene	BRL	U	ppbv	0.281						
1,4-Dioxane	BRL	U	ppbv	0.391						
n-Heptane	BRL	U	ppbv	0.138						
4-Methyl-2-pentanone (MIBK)	BRL	U	ppbv	0.230						
cis-1,3-Dichloropropene	BRL	U	ppbv	0.190						
trans-1,3-Dichloropropene	BRL	U	ppbv	0.159						
1,1,2-Trichloroethane	BRL	U	ppbv	0.234						
Toluene	BRL	U	ppbv	0.156						
2-Hexanone (MBK)	BRL	U	ppbv	0.224						
Dibromochloromethane	BRL	U	ppbv	0.193						
1,2-Dibromoethane (EDB)	BRL	U	ppbv	0.150						
Tetrachloroethene	BRL	U	ppbv	0.191						
Chlorobenzene	BRL	U	ppbv	0.282						
1,1,1,2-Tetrachloroethane	BRL	U	ppbv	0.307						
Ethylbenzene	BRL	U	ppbv	0.191						
m,p-Xylene	BRL	U	ppbv	0.489						
Bromoform	BRL	U	ppbv	0.316						
Styrene	BRL	U	ppbv	0.187						
o-Xylene	BRL	U	ppbv	0.266						
1,1,2,2-Tetrachloroethane	BRL	U	ppbv	0.436						
Isopropylbenzene	BRL	U	ppbv	0.259						
1,3,5-Trimethylbenzene	BRL	U	ppbv	0.285						
4-Ethyltoluene	BRL	U	ppbv	0.280						
1,2,4-Trimethylbenzene	BRL	U	ppbv	0.261						
1,3-Dichlorobenzene	BRL	U	ppbv	0.276						
Benzyl chloride	BRL	U	ppbv	0.247						
1,4-Dichlorobenzene	BRL	U	ppbv	0.259						
sec-Butylbenzene	BRL	U	ppbv	0.264						
4-Isopropyltoluene	BRL	U	ppbv	0.245						
1,2-Dichlorobenzene	BRL	U	ppbv	0.227						
n-Butylbenzene	BRL	U	ppbv	0.213						
1,2,4-Trichlorobenzene	BRL	U	ppbv	0.160						
Hexachlorobutadiene	BRL	U	ppbv	0.248						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1011922 - General Air Prep										
Blank (1011922-BLK1)					Prepared & Analyzed: 07-Jun-10					
Surrogate: 4-Bromofluorobenzene	*9.67*		ppbv		*10.0*		*97*	*70-130*		
LCS (1011922-BS1)					Prepared & Analyzed: 07-Jun-10					
Propene	7.79		ppbv		10.0		78	70-130		
Dichlorodifluoromethane (Freon12)	8.48		ppbv		10.0		85	70-130		
Chloromethane	7.23		ppbv		10.0		72	70-130		
1,2-Dichlorotetrafluoroethane (Freon 114)	8.98		ppbv		10.0		90	70-130		
Vinyl chloride	9.15		ppbv		10.0		92	70-130		
1,3-Butadiene	9.32		ppbv		10.0		93	70-130		
Bromomethane	8.59		ppbv		10.0		86	70-130		
Chloroethane	8.78		ppbv		10.0		88	70-130		
Acetone	9.17		ppbv		10.0		92	70-130		
Trichlorofluoromethane (Freon 11)	9.02		ppbv		10.0		90	70-130		
Ethanol	12.0		ppbv		10.0		120	52.8-141		
Acrylonitrile	8.05		ppbv		10.0		80	60-160		
1,1-Dichloroethene	8.94		ppbv		10.0		89	70-130		
Methylene chloride	8.01		ppbv		10.0		80	70-130		
1,1,2-Trichlorotrifluoroethane (Freon 113)	7.84		ppbv		10.0		78	70-130		
Carbon disulfide	8.06		ppbv		10.0		81	70-130		
trans-1,2-Dichloroethene	7.65		ppbv		10.0		76	70-130		
1,1-Dichloroethane	7.60		ppbv		10.0		76	70-130		
Methyl tert-butyl ether	7.82		ppbv		10.0		78	70-130		
Isopropyl alcohol	9.80		ppbv		10.0		98	70-130		
2-Butanone (MEK)	7.92		ppbv		10.0		79	70-130		
cis-1,2-Dichloroethene	7.72		ppbv		10.0		77	70-130		
Hexane	8.08		ppbv		10.0		81	70-130		
Ethyl acetate	7.91		ppbv		10.0		79	70-130		
Chloroform	7.82		ppbv		10.0		78	70-130		
Tetrahydrofuran	8.33		ppbv		10.0		83	70-130		
1,2-Dichloroethane	7.71		ppbv		10.0		77	70-130		
1,1,1-Trichloroethane	7.75		ppbv		10.0		78	70-130		
Benzene	7.72		ppbv		10.0		77	70-130		
Carbon tetrachloride	7.40		ppbv		10.0		74	70-130		
Cyclohexane	8.21		ppbv		10.0		82	70-130		
1,2-Dichloropropane	7.78		ppbv		10.0		78	70-130		
Bromodichloromethane	7.78		ppbv		10.0		78	70-130		
Trichloroethene	8.29		ppbv		10.0		83	70-130		
1,4-Dioxane	8.54		ppbv		10.0		85	60-160		
n-Heptane	8.33		ppbv		10.0		83	70-130		
4-Methyl-2-pentanone (MIBK)	8.28		ppbv		10.0		83	70-130		
cis-1,3-Dichloropropene	7.93		ppbv		10.0		79	70-130		
trans-1,3-Dichloropropene	8.00		ppbv		10.0		80	70-130		
1,1,2-Trichloroethane	8.15		ppbv		10.0		82	70-130		
Toluene	8.37		ppbv		10.0		84	70-130		
2-Hexanone (MBK)	7.29		ppbv		10.0		73	70-130		
Dibromochloromethane	7.64		ppbv		10.0		76	70-130		
1,2-Dibromoethane (EDB)	8.19		ppbv		10.0		82	70-130		
Tetrachloroethene	8.31		ppbv		10.0		83	70-130		
Chlorobenzene	8.56		ppbv		10.0		86	70-130		
1,1,1,2-Tetrachloroethane	8.68		ppbv		10.0		87	60-160		
Ethylbenzene	9.29		ppbv		10.0		93	70-130		
m,p-Xylene	19.2		ppbv		20.0		96	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1011922 - General Air Prep										
LCS (1011922-BS1)					Prepared & Analyzed: 07-Jun-10					
Bromoform	6.75	QC2	ppbv		10.0		68	70-130		
Styrene	9.58		ppbv		10.0		96	70-130		
o-Xylene	9.73		ppbv		10.0		97	70-130		
1,1,2,2-Tetrachloroethane	9.18		ppbv		10.0		92	70-130		
Isopropylbenzene	9.25		ppbv		10.0		92	60-160		
1,3,5-Trimethylbenzene	9.78		ppbv		10.0		98	70-130		
4-Ethyltoluene	9.42		ppbv		10.0		94	70-130		
1,2,4-Trimethylbenzene	9.75		ppbv		10.0		98	70-130		
1,3-Dichlorobenzene	9.60		ppbv		10.0		96	70-130		
Benzyl chloride	9.22		ppbv		10.0		92	70-130		
1,4-Dichlorobenzene	9.24		ppbv		10.0		92	70-130		
sec-Butylbenzene	9.51		ppbv		10.0		95	60-160		
4-Isopropyltoluene	10.3		ppbv		10.0		103	60-160		
1,2-Dichlorobenzene	9.28		ppbv		10.0		93	70-130		
n-Butylbenzene	10.2		ppbv		10.0		102	60-160		
1,2,4-Trichlorobenzene	7.98		ppbv		10.0		80	70-130		
Hexachlorobutadiene	7.50		ppbv		10.0		75	70-130		
Surrogate: 4-Bromofluorobenzene	*10.1*		ppbv		*10.0*		*101*	*70-130*		
Batch 1012141 - General Air Prep										
Blank (1012141-BLK1)					Prepared & Analyzed: 08-Jun-10					
Propene	BRL	U	ppbv	0.059621						
Dichlorodifluoromethane (Freon12)	BRL	U	ppbv	0.045877						
Chloromethane	BRL	U	ppbv	0.050719						
1,2-Dichlorotetrafluoroethane (Freon 114)	BRL	U	ppbv	0.050256						
Vinyl chloride	BRL	U	ppbv	0.053850						
1,3-Butadiene	BRL	U	ppbv	0.050719						
Bromomethane	BRL	U	ppbv	0.039878						
Chloroethane	BRL	U	ppbv	0.056395						
Acetone	BRL	U	ppbv	0.060012						
Trichlorofluoromethane (Freon 11)	BRL	U	ppbv	0.049316						
Ethanol	BRL	U	ppbv	0.052531						
Acrylonitrile	BRL	U	ppbv	0.029810						
1,1-Dichloroethene	BRL	U	ppbv	0.033504						
Methylene chloride	BRL	U	ppbv	0.050256						
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	ppbv	0.035536						
Carbon disulfide	BRL	U	ppbv	0.035536						
trans-1,2-Dichloroethene	BRL	U	ppbv	0.035536						
1,1-Dichloroethane	BRL	U	ppbv	0.035536						
Methyl tert-butyl ether	BRL	U	ppbv	0.043253						
Isopropyl alcohol	BRL	U	ppbv	0.043791						
2-Butanone (MEK)	BRL	U	ppbv	0.064880						
cis-1,2-Dichloroethene	BRL	U	ppbv	0.024658						
Hexane	BRL	U	ppbv	0.029810						
Ethyl acetate	BRL	U	ppbv	0.036188						
Chloroform	BRL	U	ppbv	0.023691						
Tetrahydrofuran	BRL	U	ppbv	0.046885						
1,2-Dichloroethane	BRL	U	ppbv	0.028198						
1,1,1-Trichloroethane	BRL	U	ppbv	0.024658						
Benzene	BRL	U	ppbv	0.028198						
Carbon tetrachloride	BRL	U	ppbv	0.023691						
Cyclohexane	BRL	U	ppbv	0.097200						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1012141 - General Air Prep										
Blank (1012141-BLK1)					Prepared & Analyzed: 08-Jun-10					
1,2-Dichloropropane	BRL	U	ppbv	0.023691						
Bromodichloromethane	BRL	U	ppbv	0.035536						
Trichloroethene	BRL	U	ppbv	0.053414						
1,4-Dioxane	BRL	U	ppbv	0.021627						
n-Heptane	BRL	U	ppbv	0.028198						
4-Methyl-2-pentanone (MIBK)	BRL	U	ppbv	0.039287						
cis-1,3-Dichloropropene	BRL	U	ppbv	0.036188						
trans-1,3-Dichloropropene	BRL	U	ppbv	0.030585						
1,1,2-Trichloroethane	BRL	U	ppbv	0.039287						
Toluene	BRL	U	ppbv	0.028198						
2-Hexanone (MBK)	BRL	U	ppbv	0.035536						
Dibromochloromethane	BRL	U	ppbv	0.044321						
1,2-Dibromoethane (EDB)	BRL	U	ppbv	0.030585						
Tetrachloroethene	BRL	U	ppbv	0.039878						
Chlorobenzene	BRL	U	ppbv	0.047873						
1,1,1,2-Tetrachloroethane	BRL	U	ppbv	0.054282						
Ethylbenzene	BRL	U	ppbv	0.033504						
m,p-Xylene	BRL	U	ppbv	0.083760						
Bromoform	BRL	U	ppbv	0.067702						
Styrene	BRL	U	ppbv	0.039287						
o-Xylene	BRL	U	ppbv	0.047382						
1,1,2,2-Tetrachloroethane	BRL	U	ppbv	0.080630						
Isopropylbenzene	BRL	U	ppbv	0.036188						
1,3,5-Trimethylbenzene	BRL	U	ppbv	0.050256						
4-Ethyltoluene	BRL	U	ppbv	0.054282						
1,2,4-Trimethylbenzene	BRL	U	ppbv	0.049316						
1,3-Dichlorobenzene	BRL	U	ppbv	0.058432						
Benzyl chloride	BRL	U	ppbv	0.053850						
1,4-Dichlorobenzene	BRL	U	ppbv	0.042158						
sec-Butylbenzene	BRL	U	ppbv	0.047873						
4-Isopropyltoluene	BRL	U	ppbv	0.045877						
1,2-Dichlorobenzene	BRL	U	ppbv	0.042158						
n-Butylbenzene	BRL	U	ppbv	0.038078						
1,2,4-Trichlorobenzene	BRL	U	ppbv	0.024658						
Hexachlorobutadiene	BRL	U	ppbv	0.042158						
Surrogate: 4-Bromofluorobenzene	*10.280*		ppbv		*10.0*		*103*	*70-130*		
LCS (1012141-BS1)					Prepared & Analyzed: 08-Jun-10					
Propene	2.0500		ppbv		2.00		102	70-130		
Dichlorodifluoromethane (Freon12)	1.8500		ppbv		2.00		92	70-130		
Chloromethane	1.6600		ppbv		2.00		83	70-130		
1,2-Dichlorotetrafluoroethane (Freon 114)	1.8400		ppbv		2.00		92	70-130		
Vinyl chloride	2.0100		ppbv		2.00		100	70-130		
1,3-Butadiene	1.8500		ppbv		2.00		92	70-130		
Bromomethane	1.7700		ppbv		2.00		88	70-130		
Chloroethane	1.7800		ppbv		2.00		89	70-130		
Acetone	1.6100		ppbv		2.00		80	70-130		
Trichlorofluoromethane (Freon 11)	1.9000		ppbv		2.00		95	70-130		
Ethanol	1.8600		ppbv		2.00		93	70-178		
Acrylonitrile	1.8500		ppbv		2.00		92	60-160		
1,1-Dichloroethene	1.7100		ppbv		2.00		86	70-130		
Methylene chloride	1.5400		ppbv		2.00		77	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1012141 - General Air Prep										
LCS (1012141-BS1)					Prepared & Analyzed: 08-Jun-10					
1,1,2-Trichlorotrifluoroethane (Freon 113)	1.8000		ppbv		2.00		90	70-130		
Carbon disulfide	2.0500		ppbv		2.00		102	70-130		
trans-1,2-Dichloroethene	1.9200		ppbv		2.00		96	70-130		
1,1-Dichloroethane	1.7700		ppbv		2.00		88	70-130		
Methyl tert-butyl ether	1.9300		ppbv		2.00		96	70-130		
Isopropyl alcohol	1.8400		ppbv		2.00		92	70-130		
2-Butanone (MEK)	1.8900		ppbv		2.00		94	70-130		
cis-1,2-Dichloroethene	1.9400		ppbv		2.00		97	70-130		
Hexane	1.9100		ppbv		2.00		96	70-130		
Ethyl acetate	1.8100		ppbv		2.00		90	70-130		
Chloroform	1.7700		ppbv		2.00		88	70-130		
Tetrahydrofuran	2.1600		ppbv		2.00		108	70-130		
1,2-Dichloroethane	1.7000		ppbv		2.00		85	70-130		
1,1,1-Trichloroethane	1.8200		ppbv		2.00		91	70-130		
Benzene	1.9800		ppbv		2.00		99	70-130		
Carbon tetrachloride	1.9300		ppbv		2.00		96	70-130		
Cyclohexane	1.8900		ppbv		2.00		94	70-130		
1,2-Dichloropropane	1.8000		ppbv		2.00		90	70-130		
Bromodichloromethane	1.9100		ppbv		2.00		96	70-130		
Trichloroethene	1.8800		ppbv		2.00		94	70-130		
1,4-Dioxane	1.7000		ppbv		2.00		85	60-160		
n-Heptane	1.9300		ppbv		2.00		96	70-130		
4-Methyl-2-pentanone (MIBK)	1.8200		ppbv		2.00		91	70-130		
cis-1,3-Dichloropropene	1.9900		ppbv		2.00		100	70-130		
trans-1,3-Dichloropropene	2.0200		ppbv		2.00		101	70-130		
1,1,2-Trichloroethane	1.9200		ppbv		2.00		96	70-130		
Toluene	2.0800		ppbv		2.00		104	70-130		
2-Hexanone (MBK)	2.1100		ppbv		2.00		106	70-130		
Dibromochloromethane	2.2300		ppbv		2.00		112	70-130		
1,2-Dibromoethane (EDB)	2.0600		ppbv		2.00		103	70-130		
Tetrachloroethene	2.2000		ppbv		2.00		110	70-130		
Chlorobenzene	2.0500		ppbv		2.00		102	70-130		
1,1,1,2-Tetrachloroethane	2.2900		ppbv		2.00		114	60-160		
Ethylbenzene	2.2300		ppbv		2.00		112	70-130		
m,p-Xylene	4.2900		ppbv		4.00		107	70-130		
Bromoform	2.4900		ppbv		2.00		124	70-130		
Styrene	2.3400		ppbv		2.00		117	70-130		
o-Xylene	2.1200		ppbv		2.00		106	70-130		
1,1,2,2-Tetrachloroethane	1.8800		ppbv		2.00		94	70-130		
Isopropylbenzene	2.1300		ppbv		2.00		106	60-160		
1,3,5-Trimethylbenzene	2.1100		ppbv		2.00		106	70-130		
4-Ethyltoluene	2.2300		ppbv		2.00		112	70-130		
1,2,4-Trimethylbenzene	2.2100		ppbv		2.00		110	70-130		
1,3-Dichlorobenzene	2.0900		ppbv		2.00		104	70-130		
Benzyl chloride	2.3100		ppbv		2.00		116	70-130		
1,4-Dichlorobenzene	2.1300		ppbv		2.00		106	70-130		
sec-Butylbenzene	2.1600		ppbv		2.00		108	60-160		
4-Isopropyltoluene	2.3700		ppbv		2.00		118	60-160		
1,2-Dichlorobenzene	2.1400		ppbv		2.00		107	70-130		
n-Butylbenzene	2.5100		ppbv		2.00		126	60-160		
1,2,4-Trichlorobenzene	2.2500		ppbv		2.00		112	70-130		
Hexachlorobutadiene	2.2000		ppbv		2.00		110	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1012141 - General Air Prep										
LCS (1012141-BS1)					Prepared & Analyzed: 08-Jun-10					
Surrogate: 4-Bromofluorobenzene	*10.620*		ppbv		*10.0*		*106*	*70-130*		

Certificate of Analysis

Container Type: Summa canister 6 liter
Date of Analysis: 5/18/2010
Canister ID: 0205
Analyst's Initials: KG

The sampling device detailed above has been tested and is certified to the limits for the target compounds as listed below.

Analyte	*Quantitation Limit (ppbv)*	*Analyte*	*Quantitation Limit (ppbv)*
Acetone	<0.2	Ethanol	<0.2
Acrylonitrile	<0.2	4-Isopropyl Toluene	<0.2
Benzene	<0.2	Ethyl acetate	<0.2
Benzyl chloride	<0.2	Ethylbenzene	<0.2
Bromodichloromethane	<0.2	4-Ethyltoluene	<0.2
Bromoform	<0.2	n-Heptane	<0.2
Bromomethane	<0.2	Hexachlorobutadiene	<0.2
1,3-Butadiene	<0.2	Hexane	<0.2
2-Butanone (MEK)	<0.2	2-Hexanone (MBK)	<0.2
Carbon disulfide	<0.2	Isopropyl alcohol	<0.2
Carbon tetrachloride	<0.2	4-Methyl-2-pentanone (MIBK)	<0.2
Chlorobenzene	<0.2	Methyl tert-butyl ether	<0.2
Chloroethane	<0.2	Methylene chloride	<0.2
1,4-Dioxane	<0.2	Naphthalene	<0.2
n-Butylbenzene	<0.2	1,1,1,2-Tetrachlorethane	<0.2
Chloroform	<0.2	Propene	<0.2
Chloromethane	<0.2	Styrene	<0.2
Cyclohexane	<0.2	1,1,2,2-Tetrachloroethane	<0.2
Dibromochloromethane	<0.2	Tetrachloroethene	<0.2
1,2-Dibromoethane (EDB)	<0.2	Tetrahydrofuran	<0.2
1,2-Dichlorobenzene	<0.2	Toluene	<0.2
1,3-Dichlorobenzene	<0.2	1,2,4-Trichlorobenzene	<0.2
1,4-Dichlorobenzene	<0.2	1,1,1-Trichloroethane	<0.2
Dichlorodifluoromethane (Freon12)	<0.2	1,1,2-Trichloroethane	<0.2
1,1-Dichloroethane	<0.2	Trichloroethene	<0.2
1,2-Dichloroethane	<0.2	1,1,2-Trichlorotrifluoroethane (Freon 113)	<0.2
1,1-Dichloroethene	<0.2	Trichlorofluoromethane (Freon 11)	<0.2
cis-1,2-Dichloroethene	<0.2	1,2,4-Trimethylbenzene	<0.2
trans-1,2-Dichloroethene	<0.2	1,3,5-Trimethylbenzene	<0.2
1,2-Dichloropropane	<0.2	Vinyl chloride	<0.2
cis-1,3-Dichloropropene	<0.2	m,p-Xylene	<0.2
trans-1,3-Dichloropropene	<0.2	o-Xylene	<0.2
1,2-Dichlorotetrafluoroethane (Freon 114)	<0.2	sec-Butylbenzene	<0.2
Isopropylbenzene	<0.2		

This certification applies to the following sampling devices:

0205

Certificate of Analysis

Container Type: Summa canister 6 liter
Date of Analysis: 5/18/2010
Canister ID: 0240
Analyst's Initials: KG

The sampling device detailed above has been tested and is certified to the limits for the target compounds as listed below.

Analyte	*Quantitation Limit (ppbv)*	*Analyte*	*Quantitation Limit (ppbv)*
Acetone	<0.2	Ethanol	<0.2
Acrylonitrile	<0.2	4-Isopropyl Toluene	<0.2
Benzene	<0.2	Ethyl acetate	<0.2
Benzyl chloride	<0.2	Ethylbenzene	<0.2
Bromodichloromethane	<0.2	4-Ethyltoluene	<0.2
Bromoform	<0.2	n-Heptane	<0.2
Bromomethane	<0.2	Hexachlorobutadiene	<0.2
1,3-Butadiene	<0.2	Hexane	<0.2
2-Butanone (MEK)	<0.2	2-Hexanone (MBK)	<0.2
Carbon disulfide	<0.2	Isopropyl alcohol	<0.2
Carbon tetrachloride	<0.2	4-Methyl-2-pentanone (MIBK)	<0.2
Chlorobenzene	<0.2	Methyl tert-butyl ether	<0.2
Chloroethane	<0.2	Methylene chloride	<0.2
1,4-Dioxane	<0.2	Naphthalene	<0.2
n-Butylbenzene	<0.2	1,1,1,2-Tetrachlorethane	<0.2
Chloroform	<0.2	Propene	<0.2
Chloromethane	<0.2	Styrene	<0.2
Cyclohexane	<0.2	1,1,2,2-Tetrachloroethane	<0.2
Dibromochloromethane	<0.2	Tetrachloroethene	<0.2
1,2-Dibromoethane (EDB)	<0.2	Tetrahydrofuran	<0.2
1,2-Dichlorobenzene	<0.2	Toluene	<0.2
1,3-Dichlorobenzene	<0.2	1,2,4-Trichlorobenzene	<0.2
1,4-Dichlorobenzene	<0.2	1,1,1-Trichloroethane	<0.2
Dichlorodifluoromethane (Freon12)	<0.2	1,1,2-Trichloroethane	<0.2
1,1-Dichloroethane	<0.2	Trichloroethene	<0.2
1,2-Dichloroethane	<0.2	1,1,2-Trichlorotrifluoroethane (Freon 113)	<0.2
1,1-Dichloroethene	<0.2	Trichlorofluoromethane (Freon 11)	<0.2
cis-1,2-Dichloroethene	<0.2	1,2,4-Trimethylbenzene	<0.2
trans-1,2-Dichloroethene	<0.2	1,3,5-Trimethylbenzene	<0.2
1,2-Dichloropropane	<0.2	Vinyl chloride	<0.2
cis-1,3-Dichloropropene	<0.2	m,p-Xylene	<0.2
trans-1,3-Dichloropropene	<0.2	o-Xylene	<0.2
1,2-Dichlorotetrafluoroethane (Freon 114)	<0.2	sec-Butylbenzene	<0.2
Isopropylbenzene	<0.2		

This certification applies to the following sampling devices:

0240

Certificate of Analysis

Container Type: Summa canister 6 liter
Date of Analysis: 5/18/2010
Canister ID: 0263
Analyst's Initials: KG

The sampling device detailed above has been tested and is certified to the limits for the target compounds as listed below.

Analyte	*Quantitation Limit (ppbv)*	*Analyte*	*Quantitation Limit (ppbv)*
Acetone	<0.2	Ethanol	<0.2
Acrylonitrile	<0.2	4-Isopropyl Toluene	<0.2
Benzene	<0.2	Ethyl acetate	<0.2
Benzyl chloride	<0.2	Ethylbenzene	<0.2
Bromodichloromethane	<0.2	4-Ethyltoluene	<0.2
Bromoform	<0.2	n-Heptane	<0.2
Bromomethane	<0.2	Hexachlorobutadiene	<0.2
1,3-Butadiene	<0.2	Hexane	<0.2
2-Butanone (MEK)	<0.2	2-Hexanone (MBK)	<0.2
Carbon disulfide	<0.2	Isopropyl alcohol	<0.2
Carbon tetrachloride	<0.2	4-Methyl-2-pentanone (MIBK)	<0.2
Chlorobenzene	<0.2	Methyl tert-butyl ether	<0.2
Chloroethane	<0.2	Methylene chloride	<0.2
1,4-Dioxane	<0.2	Naphthalene	<0.2
n-Butylbenzene	<0.2	1,1,1,2-Tetrachlorethane	<0.2
Chloroform	<0.2	Propene	<0.2
Chloromethane	<0.2	Styrene	<0.2
Cyclohexane	<0.2	1,1,2,2-Tetrachloroethane	<0.2
Dibromochloromethane	<0.2	Tetrachloroethene	<0.2
1,2-Dibromoethane (EDB)	<0.2	Tetrahydrofuran	<0.2
1,2-Dichlorobenzene	<0.2	Toluene	<0.2
1,3-Dichlorobenzene	<0.2	1,2,4-Trichlorobenzene	<0.2
1,4-Dichlorobenzene	<0.2	1,1,1-Trichloroethane	<0.2
Dichlorodifluoromethane (Freon12)	<0.2	1,1,2-Trichloroethane	<0.2
1,1-Dichloroethane	<0.2	Trichloroethene	<0.2
1,2-Dichloroethane	<0.2	1,1,2-Trichlorotrifluoroethane (Freon 113)	<0.2
1,1-Dichloroethene	<0.2	Trichlorofluoromethane (Freon 11)	<0.2
cis-1,2-Dichloroethene	<0.2	1,2,4-Trimethylbenzene	<0.2
trans-1,2-Dichloroethene	<0.2	1,3,5-Trimethylbenzene	<0.2
1,2-Dichloropropane	<0.2	Vinyl chloride	<0.2
cis-1,3-Dichloropropene	<0.2	m,p-Xylene	<0.2
trans-1,3-Dichloropropene	<0.2	o-Xylene	<0.2
1,2-Dichlorotetrafluoroethane (Freon 114)	<0.2	sec-Butylbenzene	<0.2
Isopropylbenzene	<0.2		

This certification applies to the following sampling devices:

0263

Certificate of Analysis

Container Type: Summa canister 6 liter
Date of Analysis: 5/18/2010
Canister ID: 0499
Analyst's Initials: KG

The sampling device detailed above has been tested and is certified to the limits for the target compounds as listed below.

Analyte	*Quantitation Limit (ppbv)*	*Analyte*	*Quantitation Limit (ppbv)*
Acetone	<0.2	Ethanol	<0.2
Acrylonitrile	<0.2	4-Isopropyl Toluene	<0.2
Benzene	<0.2	Ethyl acetate	<0.2
Benzyl chloride	<0.2	Ethylbenzene	<0.2
Bromodichloromethane	<0.2	4-Ethyltoluene	<0.2
Bromoform	<0.2	n-Heptane	<0.2
Bromomethane	<0.2	Hexachlorobutadiene	<0.2
1,3-Butadiene	<0.2	Hexane	<0.2
2-Butanone (MEK)	<0.2	2-Hexanone (MBK)	<0.2
Carbon disulfide	<0.2	Isopropyl alcohol	<0.2
Carbon tetrachloride	<0.2	4-Methyl-2-pentanone (MIBK)	<0.2
Chlorobenzene	<0.2	Methyl tert-butyl ether	<0.2
Chloroethane	<0.2	Methylene chloride	<0.2
1,4-Dioxane	<0.2	Naphthalene	<0.2
n-Butylbenzene	<0.2	1,1,1,2-Tetrachlorethane	<0.2
Chloroform	<0.2	Propene	<0.2
Chloromethane	<0.2	Styrene	<0.2
Cyclohexane	<0.2	1,1,2,2-Tetrachloroethane	<0.2
Dibromochloromethane	<0.2	Tetrachloroethene	<0.2
1,2-Dibromoethane (EDB)	<0.2	Tetrahydrofuran	<0.2
1,2-Dichlorobenzene	<0.2	Toluene	<0.2
1,3-Dichlorobenzene	<0.2	1,2,4-Trichlorobenzene	<0.2
1,4-Dichlorobenzene	<0.2	1,1,1-Trichloroethane	<0.2
Dichlorodifluoromethane (Freon12)	<0.2	1,1,2-Trichloroethane	<0.2
1,1-Dichloroethane	<0.2	Trichloroethene	<0.2
1,2-Dichloroethane	<0.2	1,1,2-Trichlorotrifluoroethane (Freon 113)	<0.2
1,1-Dichloroethene	<0.2	Trichlorofluoromethane (Freon 11)	<0.2
cis-1,2-Dichloroethene	<0.2	1,2,4-Trimethylbenzene	<0.2
trans-1,2-Dichloroethene	<0.2	1,3,5-Trimethylbenzene	<0.2
1,2-Dichloropropane	<0.2	Vinyl chloride	<0.2
cis-1,3-Dichloropropene	<0.2	m,p-Xylene	<0.2
trans-1,3-Dichloropropene	<0.2	o-Xylene	<0.2
1,2-Dichlorotetrafluoroethane (Freon 114)	<0.2	sec-Butylbenzene	<0.2
Isopropylbenzene	<0.2		

This certification applies to the following sampling devices:

0499

Certificate of Analysis

Container Type: Summa canister 6 liter
Date of Analysis: 5/18/2010
Canister ID: 0714
Analyst's Initials: KG

The sampling device detailed above has been tested and is certified to the limits for the target compounds as listed below.

Analyte	*Quantitation Limit (ppbv)*	*Analyte*	*Quantitation Limit (ppbv)*
Acetone	<0.2	Ethanol	<0.2
Acrylonitrile	<0.2	4-Isopropyl Toluene	<0.2
Benzene	<0.2	Ethyl acetate	<0.2
Benzyl chloride	<0.2	Ethylbenzene	<0.2
Bromodichloromethane	<0.2	4-Ethyltoluene	<0.2
Bromoform	<0.2	n-Heptane	<0.2
Bromomethane	<0.2	Hexachlorobutadiene	<0.2
1,3-Butadiene	<0.2	Hexane	<0.2
2-Butanone (MEK)	<0.2	2-Hexanone (MBK)	<0.2
Carbon disulfide	<0.2	Isopropyl alcohol	<0.2
Carbon tetrachloride	<0.2	4-Methyl-2-pentanone (MIBK)	<0.2
Chlorobenzene	<0.2	Methyl tert-butyl ether	<0.2
Chloroethane	<0.2	Methylene chloride	<0.2
1,4-Dioxane	<0.2	Naphthalene	<0.2
n-Butylbenzene	<0.2	1,1,1,2-Tetrachlorethane	<0.2
Chloroform	<0.2	Propene	<0.2
Chloromethane	<0.2	Styrene	<0.2
Cyclohexane	<0.2	1,1,2,2-Tetrachloroethane	<0.2
Dibromochloromethane	<0.2	Tetrachloroethene	<0.2
1,2-Dibromoethane (EDB)	<0.2	Tetrahydrofuran	<0.2
1,2-Dichlorobenzene	<0.2	Toluene	<0.2
1,3-Dichlorobenzene	<0.2	1,2,4-Trichlorobenzene	<0.2
1,4-Dichlorobenzene	<0.2	1,1,1-Trichloroethane	<0.2
Dichlorodifluoromethane (Freon12)	<0.2	1,1,2-Trichloroethane	<0.2
1,1-Dichloroethane	<0.2	Trichloroethene	<0.2
1,2-Dichloroethane	<0.2	1,1,2-Trichlorotrifluoroethane (Freon 113)	<0.2
1,1-Dichloroethene	<0.2	Trichlorofluoromethane (Freon 11)	<0.2
cis-1,2-Dichloroethene	<0.2	1,2,4-Trimethylbenzene	<0.2
trans-1,2-Dichloroethene	<0.2	1,3,5-Trimethylbenzene	<0.2
1,2-Dichloropropane	<0.2	Vinyl chloride	<0.2
cis-1,3-Dichloropropene	<0.2	m,p-Xylene	<0.2
trans-1,3-Dichloropropene	<0.2	o-Xylene	<0.2
1,2-Dichlorotetrafluoroethane (Freon 114)	<0.2	sec-Butylbenzene	<0.2
Isopropylbenzene	<0.2		

This certification applies to the following sampling devices:

0714

Certificate of Analysis

Container Type: Summa canister 6 liter
Date of Analysis: 5/12/2010
Canister ID: 1340
Analyst's Initials: KG

The sampling device detailed above has been tested and is certified to the limits for the target compounds as listed below.

Analyte	*Quantitation Limit (ppbv)*	*Analyte*	*Quantitation Limit (ppbv)*
Acetone	<0.2	Ethanol	<0.2
Acrylonitrile	<0.2	4-Isopropyl Toluene	<0.2
Benzene	<0.2	Ethyl acetate	<0.2
Benzyl chloride	<0.2	Ethylbenzene	<0.2
Bromodichloromethane	<0.2	4-Ethyltoluene	<0.2
Bromoform	<0.2	n-Heptane	<0.2
Bromomethane	<0.2	Hexachlorobutadiene	<0.2
1,3-Butadiene	<0.2	Hexane	<0.2
2-Butanone (MEK)	<0.2	2-Hexanone (MBK)	<0.2
Carbon disulfide	<0.2	Isopropyl alcohol	<0.2
Carbon tetrachloride	<0.2	4-Methyl-2-pentanone (MIBK)	<0.2
Chlorobenzene	<0.2	Methyl tert-butyl ether	<0.2
Chloroethane	<0.2	Methylene chloride	<0.2
1,4-Dioxane	<0.2	Naphthalene	<0.2
n-Butylbenzene	<0.2	1,1,1,2-Tetrachlorethane	<0.2
Chloroform	<0.2	Propene	<0.2
Chloromethane	<0.2	Styrene	<0.2
Cyclohexane	<0.2	1,1,2,2-Tetrachloroethane	<0.2
Dibromochloromethane	<0.2	Tetrachloroethene	<0.2
1,2-Dibromoethane (EDB)	<0.2	Tetrahydrofuran	<0.2
1,2-Dichlorobenzene	<0.2	Toluene	<0.2
1,3-Dichlorobenzene	<0.2	1,2,4-Trichlorobenzene	<0.2
1,4-Dichlorobenzene	<0.2	1,1,1-Trichloroethane	<0.2
Dichlorodifluoromethane (Freon12)	<0.2	1,1,2-Trichloroethane	<0.2
1,1-Dichloroethane	<0.2	Trichloroethene	<0.2
1,2-Dichloroethane	<0.2	1,1,2-Trichlorotrifluoroethane (Freon 113)	<0.2
1,1-Dichloroethene	<0.2	Trichlorofluoromethane (Freon 11)	<0.2
cis-1,2-Dichloroethene	<0.2	1,2,4-Trimethylbenzene	<0.2
trans-1,2-Dichloroethene	<0.2	1,3,5-Trimethylbenzene	<0.2
1,2-Dichloropropane	<0.2	Vinyl chloride	<0.2
cis-1,3-Dichloropropene	<0.2	m,p-Xylene	<0.2
trans-1,3-Dichloropropene	<0.2	o-Xylene	<0.2
1,2-Dichlorotetrafluoroethane (Freon 114)	<0.2	sec-Butylbenzene	<0.2
Isopropylbenzene	<0.2		

This certification applies to the following sampling devices:

1340

Certificate of Analysis

Container Type: Summa canister 6 liter
Date of Analysis: 5/12/2010
Canister ID: 1343
Analyst's Initials: KG

The sampling device detailed above has been tested and is certified to the limits for the target compounds as listed below.

Analyte	*Quantitation Limit (ppbv)*	*Analyte*	*Quantitation Limit (ppbv)*
Acetone	<0.2	Ethanol	<0.2
Acrylonitrile	<0.2	4-Isopropyl Toluene	<0.2
Benzene	<0.2	Ethyl acetate	<0.2
Benzyl chloride	<0.2	Ethylbenzene	<0.2
Bromodichloromethane	<0.2	4-Ethyltoluene	<0.2
Bromoform	<0.2	n-Heptane	<0.2
Bromomethane	<0.2	Hexachlorobutadiene	<0.2
1,3-Butadiene	<0.2	Hexane	<0.2
2-Butanone (MEK)	<0.2	2-Hexanone (MBK)	<0.2
Carbon disulfide	<0.2	Isopropyl alcohol	<0.2
Carbon tetrachloride	<0.2	4-Methyl-2-pentanone (MIBK)	<0.2
Chlorobenzene	<0.2	Methyl tert-butyl ether	<0.2
Chloroethane	<0.2	Methylene chloride	<0.2
1,4-Dioxane	<0.2	Naphthalene	<0.2
n-Butylbenzene	<0.2	1,1,1,2-Tetrachlorethane	<0.2
Chloroform	<0.2	Propene	<0.2
Chloromethane	<0.2	Styrene	<0.2
Cyclohexane	<0.2	1,1,2,2-Tetrachloroethane	<0.2
Dibromochloromethane	<0.2	Tetrachloroethene	<0.2
1,2-Dibromoethane (EDB)	<0.2	Tetrahydrofuran	<0.2
1,2-Dichlorobenzene	<0.2	Toluene	<0.2
1,3-Dichlorobenzene	<0.2	1,2,4-Trichlorobenzene	<0.2
1,4-Dichlorobenzene	<0.2	1,1,1-Trichloroethane	<0.2
Dichlorodifluoromethane (Freon12)	<0.2	1,1,2-Trichloroethane	<0.2
1,1-Dichloroethane	<0.2	Trichloroethene	<0.2
1,2-Dichloroethane	<0.2	1,1,2-Trichlorotrifluoroethane (Freon 113)	<0.2
1,1-Dichloroethene	<0.2	Trichlorofluoromethane (Freon 11)	<0.2
cis-1,2-Dichloroethene	<0.2	1,2,4-Trimethylbenzene	<0.2
trans-1,2-Dichloroethene	<0.2	1,3,5-Trimethylbenzene	<0.2
1,2-Dichloropropane	<0.2	Vinyl chloride	<0.2
cis-1,3-Dichloropropene	<0.2	m,p-Xylene	<0.2
trans-1,3-Dichloropropene	<0.2	o-Xylene	<0.2
1,2-Dichlorotetrafluoroethane (Freon 114)	<0.2	sec-Butylbenzene	<0.2
Isopropylbenzene	<0.2		

This certification applies to the following sampling devices:

1343

Certificate of Analysis

Container Type: Summa canister 6 liter
Date of Analysis: 5/12/2010
Canister ID: 1399
Analyst's Initials: KG

The sampling device detailed above has been tested and is certified to the limits for the target compounds as listed below.

Analyte	*Quantitation Limit (ppbv)*	*Analyte*	*Quantitation Limit (ppbv)*
Acetone	<0.2	Ethanol	<0.2
Acrylonitrile	<0.2	4-Isopropyl Toluene	<0.2
Benzene	<0.2	Ethyl acetate	<0.2
Benzyl chloride	<0.2	Ethylbenzene	<0.2
Bromodichloromethane	<0.2	4-Ethyltoluene	<0.2
Bromoform	<0.2	n-Heptane	<0.2
Bromomethane	<0.2	Hexachlorobutadiene	<0.2
1,3-Butadiene	<0.2	Hexane	<0.2
2-Butanone (MEK)	<0.2	2-Hexanone (MBK)	<0.2
Carbon disulfide	<0.2	Isopropyl alcohol	<0.2
Carbon tetrachloride	<0.2	4-Methyl-2-pentanone (MIBK)	<0.2
Chlorobenzene	<0.2	Methyl tert-butyl ether	<0.2
Chloroethane	<0.2	Methylene chloride	<0.2
1,4-Dioxane	<0.2	Naphthalene	<0.2
n-Butylbenzene	<0.2	1,1,1,2-Tetrachlorethane	<0.2
Chloroform	<0.2	Propene	<0.2
Chloromethane	<0.2	Styrene	<0.2
Cyclohexane	<0.2	1,1,2,2-Tetrachloroethane	<0.2
Dibromochloromethane	<0.2	Tetrachloroethene	<0.2
1,2-Dibromoethane (EDB)	<0.2	Tetrahydrofuran	<0.2
1,2-Dichlorobenzene	<0.2	Toluene	<0.2
1,3-Dichlorobenzene	<0.2	1,2,4-Trichlorobenzene	<0.2
1,4-Dichlorobenzene	<0.2	1,1,1-Trichloroethane	<0.2
Dichlorodifluoromethane (Freon12)	<0.2	1,1,2-Trichloroethane	<0.2
1,1-Dichloroethane	<0.2	Trichloroethene	<0.2
1,2-Dichloroethane	<0.2	1,1,2-Trichlorotrifluoroethane (Freon 113)	<0.2
1,1-Dichloroethene	<0.2	Trichlorofluoromethane (Freon 11)	<0.2
cis-1,2-Dichloroethene	<0.2	1,2,4-Trimethylbenzene	<0.2
trans-1,2-Dichloroethene	<0.2	1,3,5-Trimethylbenzene	<0.2
1,2-Dichloropropane	<0.2	Vinyl chloride	<0.2
cis-1,3-Dichloropropene	<0.2	m,p-Xylene	<0.2
trans-1,3-Dichloropropene	<0.2	o-Xylene	<0.2
1,2-Dichlorotetrafluoroethane (Freon 114)	<0.2	sec-Butylbenzene	<0.2
Isopropylbenzene	<0.2		

This certification applies to the following sampling devices:

1399

Certificate of Analysis

Container Type: Summa canister 6 liter
Date of Analysis: 5/18/2010
Canister ID: 4562
Analyst's Initials: KG

The sampling device detailed above has been tested and is certified to the limits for the target compounds as listed below.

Analyte	*Quantitation Limit (ppbv)*	*Analyte*	*Quantitation Limit (ppbv)*
Acetone	<0.2	Ethanol	<0.2
Acrylonitrile	<0.2	4-Isopropyl Toluene	<0.2
Benzene	<0.2	Ethyl acetate	<0.2
Benzyl chloride	<0.2	Ethylbenzene	<0.2
Bromodichloromethane	<0.2	4-Ethyltoluene	<0.2
Bromoform	<0.2	n-Heptane	<0.2
Bromomethane	<0.2	Hexachlorobutadiene	<0.2
1,3-Butadiene	<0.2	Hexane	<0.2
2-Butanone (MEK)	<0.2	2-Hexanone (MBK)	<0.2
Carbon disulfide	<0.2	Isopropyl alcohol	<0.2
Carbon tetrachloride	<0.2	4-Methyl-2-pentanone (MIBK)	<0.2
Chlorobenzene	<0.2	Methyl tert-butyl ether	<0.2
Chloroethane	<0.2	Methylene chloride	<0.2
1,4-Dioxane	<0.2	Naphthalene	<0.2
n-Butylbenzene	<0.2	1,1,1,2-Tetrachlorethane	<0.2
Chloroform	<0.2	Propene	<0.2
Chloromethane	<0.2	Styrene	<0.2
Cyclohexane	<0.2	1,1,2,2-Tetrachloroethane	<0.2
Dibromochloromethane	<0.2	Tetrachloroethene	<0.2
1,2-Dibromoethane (EDB)	<0.2	Tetrahydrofuran	<0.2
1,2-Dichlorobenzene	<0.2	Toluene	<0.2
1,3-Dichlorobenzene	<0.2	1,2,4-Trichlorobenzene	<0.2
1,4-Dichlorobenzene	<0.2	1,1,1-Trichloroethane	<0.2
Dichlorodifluoromethane (Freon12)	<0.2	1,1,2-Trichloroethane	<0.2
1,1-Dichloroethane	<0.2	Trichloroethene	<0.2
1,2-Dichloroethane	<0.2	1,1,2-Trichlorotrifluoroethane (Freon 113)	<0.2
1,1-Dichloroethene	<0.2	Trichlorofluoromethane (Freon 11)	<0.2
cis-1,2-Dichloroethene	<0.2	1,2,4-Trimethylbenzene	<0.2
trans-1,2-Dichloroethene	<0.2	1,3,5-Trimethylbenzene	<0.2
1,2-Dichloropropane	<0.2	Vinyl chloride	<0.2
cis-1,3-Dichloropropene	<0.2	m,p-Xylene	<0.2
trans-1,3-Dichloropropene	<0.2	o-Xylene	<0.2
1,2-Dichlorotetrafluoroethane (Freon 114)	<0.2	sec-Butylbenzene	<0.2
Isopropylbenzene	<0.2		

This certification applies to the following sampling devices:

4562

Certificate of Analysis

Container Type: Summa canister 6 liter
Date of Analysis: 5/18/2010
Canister ID: 4620
Analyst's Initials: KG

The sampling device detailed above has been tested and is certified to the limits for the target compounds as listed below.

Analyte	*Quantitation Limit (ppbv)*	*Analyte*	*Quantitation Limit (ppbv)*
Acetone	<0.2	Ethanol	<0.2
Acrylonitrile	<0.2	4-Isopropyl Toluene	<0.2
Benzene	<0.2	Ethyl acetate	<0.2
Benzyl chloride	<0.2	Ethylbenzene	<0.2
Bromodichloromethane	<0.2	4-Ethyltoluene	<0.2
Bromoform	<0.2	n-Heptane	<0.2
Bromomethane	<0.2	Hexachlorobutadiene	<0.2
1,3-Butadiene	<0.2	Hexane	<0.2
2-Butanone (MEK)	<0.2	2-Hexanone (MBK)	<0.2
Carbon disulfide	<0.2	Isopropyl alcohol	<0.2
Carbon tetrachloride	<0.2	4-Methyl-2-pentanone (MIBK)	<0.2
Chlorobenzene	<0.2	Methyl tert-butyl ether	<0.2
Chloroethane	<0.2	Methylene chloride	<0.2
1,4-Dioxane	<0.2	Naphthalene	<0.2
n-Butylbenzene	<0.2	1,1,1,2-Tetrachlorethane	<0.2
Chloroform	<0.2	Propene	<0.2
Chloromethane	<0.2	Styrene	<0.2
Cyclohexane	<0.2	1,1,2,2-Tetrachloroethane	<0.2
Dibromochloromethane	<0.2	Tetrachloroethene	<0.2
1,2-Dibromoethane (EDB)	<0.2	Tetrahydrofuran	<0.2
1,2-Dichlorobenzene	<0.2	Toluene	<0.2
1,3-Dichlorobenzene	<0.2	1,2,4-Trichlorobenzene	<0.2
1,4-Dichlorobenzene	<0.2	1,1,1-Trichloroethane	<0.2
Dichlorodifluoromethane (Freon12)	<0.2	1,1,2-Trichloroethane	<0.2
1,1-Dichloroethane	<0.2	Trichloroethene	<0.2
1,2-Dichloroethane	<0.2	1,1,2-Trichlorotrifluoroethane (Freon 113)	<0.2
1,1-Dichloroethene	<0.2	Trichlorofluoromethane (Freon 11)	<0.2
cis-1,2-Dichloroethene	<0.2	1,2,4-Trimethylbenzene	<0.2
trans-1,2-Dichloroethene	<0.2	1,3,5-Trimethylbenzene	<0.2
1,2-Dichloropropane	<0.2	Vinyl chloride	<0.2
cis-1,3-Dichloropropene	<0.2	m,p-Xylene	<0.2
trans-1,3-Dichloropropene	<0.2	o-Xylene	<0.2
1,2-Dichlorotetrafluoroethane (Freon 114)	<0.2	sec-Butylbenzene	<0.2
Isopropylbenzene	<0.2		

This certification applies to the following sampling devices:

4620

Certificate of Analysis

Container Type: Summa canister 6 liter **Date of Analysis:** 5/18/2010

Canister ID: 4625 **Analyst's Initials:** KG

The sampling device detailed above has been tested and is certified to the limits for the target compounds as listed below.

Analyte	*Quantitation Limit (ppbv)*	*Analyte*	*Quantitation Limit (ppbv)*
Acetone	<0.5	Ethanol	<0.5
Acrylonitrile	<0.1	4-Isopropyl Toluene	<0.5
Benzene	<0.1	Ethyl acetate	<0.1
Benzyl chloride	<0.1	Ethylbenzene	<0.1
Bromodichloromethane	<0.1	4-Ethyltoluene	<0.1
Bromoform	<0.1	n-Heptane	<0.1
Bromomethane	<0.1	Hexachlorobutadiene	<0.1
1,3-Butadiene	<0.1	Hexane	<0.1
2-Butanone (MEK)	<0.1	2-Hexanone (MBK)	<0.1
Carbon disulfide	<0.5	Isopropyl alcohol	<0.5
Carbon tetrachloride	<0.1	4-Methyl-2-pentanone (MIBK)	<0.1
Chlorobenzene	<0.1	Methyl tert-butyl ether	<0.1
Chloroethane	<0.1	Methylene chloride	<0.1
1,4-Dioxane	<0.1	Naphthalene	<0.5
n-Butylbenzene	<0.1	1,1,1,2-Tetrachlorethane	<0.1
Chloroform	<0.1	Propene	<0.1
Chloromethane	<0.1	Styrene	<0.1
Cyclohexane	<0.1	1,1,2,2-Tetrachloroethane	<0.1
Dibromochloromethane	<0.1	Tetrachloroethene	<0.1
1,2-Dibromoethane (EDB)	<0.1	Tetrahydrofuran	<0.1
1,2-Dichlorobenzene	<0.1	Toluene	<0.1
1,3-Dichlorobenzene	<0.1	1,2,4-Trichlorobenzene	<0.1
1,4-Dichlorobenzene	<0.1	1,1,1-Trichloroethane	<0.1
Dichlorodifluoromethane (Freon12)	<0.1	1,1,2-Trichloroethane	<0.1
1,1-Dichloroethane	<0.1	Trichloroethene	<0.1
1,2-Dichloroethane	<0.1	1,1,2-Trichlorotrifluoroethane (Freon 113)	<0.1
1,1-Dichloroethene	<0.1	Trichlorofluoromethane (Freon 11)	<0.1
cis-1,2-Dichloroethene	<0.1	1,2,4-Trimethylbenzene	<0.1
trans-1,2-Dichloroethene	<0.1	1,3,5-Trimethylbenzene	<0.1
1,2-Dichloropropane	<0.1	Vinyl chloride	<0.1
cis-1,3-Dichloropropene	<0.1	m,p-Xylene	<0.1
trans-1,3-Dichloropropene	<0.1	o-Xylene	<0.1
1,2-Dichlorotetrafluoroethane (Freon 114)	<0.1	sec-Butylbenzene	<0.1
Isopropylbenzene	<0.1		

This certification applies to the following sampling devices:

4625

Certificate of Analysis

Container Type: Summa canister 6 liter
Date of Analysis: 5/18/2010
Canister ID: 4633
Analyst's Initials: KG

The sampling device detailed above has been tested and is certified to the limits for the target compounds as listed below.

Analyte	*Quantitation Limit (ppbv)*	*Analyte*	*Quantitation Limit (ppbv)*
Acetone	<0.2	Ethanol	<0.2
Acrylonitrile	<0.2	4-Isopropyl Toluene	<0.2
Benzene	<0.2	Ethyl acetate	<0.2
Benzyl chloride	<0.2	Ethylbenzene	<0.2
Bromodichloromethane	<0.2	4-Ethyltoluene	<0.2
Bromoform	<0.2	n-Heptane	<0.2
Bromomethane	<0.2	Hexachlorobutadiene	<0.2
1,3-Butadiene	<0.2	Hexane	<0.2
2-Butanone (MEK)	<0.2	2-Hexanone (MBK)	<0.2
Carbon disulfide	<0.2	Isopropyl alcohol	<0.2
Carbon tetrachloride	<0.2	4-Methyl-2-pentanone (MIBK)	<0.2
Chlorobenzene	<0.2	Methyl tert-butyl ether	<0.2
Chloroethane	<0.2	Methylene chloride	<0.2
1,4-Dioxane	<0.2	Naphthalene	<0.2
n-Butylbenzene	<0.2	1,1,1,2-Tetrachlorethane	<0.2
Chloroform	<0.2	Propene	<0.2
Chloromethane	<0.2	Styrene	<0.2
Cyclohexane	<0.2	1,1,2,2-Tetrachloroethane	<0.2
Dibromochloromethane	<0.2	Tetrachloroethene	<0.2
1,2-Dibromoethane (EDB)	<0.2	Tetrahydrofuran	<0.2
1,2-Dichlorobenzene	<0.2	Toluene	<0.2
1,3-Dichlorobenzene	<0.2	1,2,4-Trichlorobenzene	<0.2
1,4-Dichlorobenzene	<0.2	1,1,1-Trichloroethane	<0.2
Dichlorodifluoromethane (Freon12)	<0.2	1,1,2-Trichloroethane	<0.2
1,1-Dichloroethane	<0.2	Trichloroethene	<0.2
1,2-Dichloroethane	<0.2	1,1,2-Trichlorotrifluoroethane (Freon 113)	<0.2
1,1-Dichloroethene	<0.2	Trichlorofluoromethane (Freon 11)	<0.2
cis-1,2-Dichloroethene	<0.2	1,2,4-Trimethylbenzene	<0.2
trans-1,2-Dichloroethene	<0.2	1,3,5-Trimethylbenzene	<0.2
1,2-Dichloropropane	<0.2	Vinyl chloride	<0.2
cis-1,3-Dichloropropene	<0.2	m,p-Xylene	<0.2
trans-1,3-Dichloropropene	<0.2	o-Xylene	<0.2
1,2-Dichlorotetrafluoroethane (Freon 114)	<0.2	sec-Butylbenzene	<0.2
Isopropylbenzene	<0.2		

This certification applies to the following sampling devices:

4633

Certificate of Analysis

Container Type: Summa canister 6 liter
Date of Analysis: 5/18/2010
Canister ID: 4642
Analyst's Initials: KG

The sampling device detailed above has been tested and is certified to the limits for the target compounds as listed below.

Analyte	*Quantitation Limit (ppbv)*	*Analyte*	*Quantitation Limit (ppbv)*
Acetone	<0.2	Ethanol	<0.2
Acrylonitrile	<0.2	4-Isopropyl Toluene	<0.2
Benzene	<0.2	Ethyl acetate	<0.2
Benzyl chloride	<0.2	Ethylbenzene	<0.2
Bromodichloromethane	<0.2	4-Ethyltoluene	<0.2
Bromoform	<0.2	n-Heptane	<0.2
Bromomethane	<0.2	Hexachlorobutadiene	<0.2
1,3-Butadiene	<0.2	Hexane	<0.2
2-Butanone (MEK)	<0.2	2-Hexanone (MBK)	<0.2
Carbon disulfide	<0.2	Isopropyl alcohol	<0.2
Carbon tetrachloride	<0.2	4-Methyl-2-pentanone (MIBK)	<0.2
Chlorobenzene	<0.2	Methyl tert-butyl ether	<0.2
Chloroethane	<0.2	Methylene chloride	<0.2
1,4-Dioxane	<0.2	Naphthalene	<0.2
n-Butylbenzene	<0.2	1,1,1,2-Tetrachlorethane	<0.2
Chloroform	<0.2	Propene	<0.2
Chloromethane	<0.2	Styrene	<0.2
Cyclohexane	<0.2	1,1,2,2-Tetrachloroethane	<0.2
Dibromochloromethane	<0.2	Tetrachloroethene	<0.2
1,2-Dibromoethane (EDB)	<0.2	Tetrahydrofuran	<0.2
1,2-Dichlorobenzene	<0.2	Toluene	<0.2
1,3-Dichlorobenzene	<0.2	1,2,4-Trichlorobenzene	<0.2
1,4-Dichlorobenzene	<0.2	1,1,1-Trichloroethane	<0.2
Dichlorodifluoromethane (Freon12)	<0.2	1,1,2-Trichloroethane	<0.2
1,1-Dichloroethane	<0.2	Trichloroethene	<0.2
1,2-Dichloroethane	<0.2	1,1,2-Trichlorotrifluoroethane (Freon 113)	<0.2
1,1-Dichloroethene	<0.2	Trichlorofluoromethane (Freon 11)	<0.2
cis-1,2-Dichloroethene	<0.2	1,2,4-Trimethylbenzene	<0.2
trans-1,2-Dichloroethene	<0.2	1,3,5-Trimethylbenzene	<0.2
1,2-Dichloropropane	<0.2	Vinyl chloride	<0.2
cis-1,3-Dichloropropene	<0.2	m,p-Xylene	<0.2
trans-1,3-Dichloropropene	<0.2	o-Xylene	<0.2
1,2-Dichlorotetrafluoroethane (Freon 114)	<0.2	sec-Butylbenzene	<0.2
Isopropylbenzene	<0.2		

This certification applies to the following sampling devices:

4642

Certificate of Analysis

Container Type: Summa canister 6 liter
Date of Analysis: 5/18/2010
Canister ID: 5565
Analyst's Initials: KG

The sampling device detailed above has been tested and is certified to the limits for the target compounds as listed below.

Analyte	*Quantitation Limit (ppbv)*	*Analyte*	*Quantitation Limit (ppbv)*
Acetone	<0.5	Ethanol	<0.5
Acrylonitrile	<0.1	4-Isopropyl Toluene	<0.5
Benzene	<0.1	Ethyl acetate	<0.1
Benzyl chloride	<0.1	Ethylbenzene	<0.1
Bromodichloromethane	<0.1	4-Ethyltoluene	<0.1
Bromoform	<0.1	n-Heptane	<0.1
Bromomethane	<0.1	Hexachlorobutadiene	<0.1
1,3-Butadiene	<0.1	Hexane	<0.1
2-Butanone (MEK)	<0.1	2-Hexanone (MBK)	<0.1
Carbon disulfide	<0.5	Isopropyl alcohol	<0.5
Carbon tetrachloride	<0.1	4-Methyl-2-pentanone (MIBK)	<0.1
Chlorobenzene	<0.1	Methyl tert-butyl ether	<0.1
Chloroethane	<0.1	Methylene chloride	<0.1
1,4-Dioxane	<0.1	Naphthalene	<0.5
n-Butylbenzene	<0.1	1,1,1,2-Tetrachlorethane	<0.1
Chloroform	<0.1	Propene	<0.1
Chloromethane	<0.1	Styrene	<0.1
Cyclohexane	<0.1	1,1,2,2-Tetrachloroethane	<0.1
Dibromochloromethane	<0.1	Tetrachloroethene	<0.1
1,2-Dibromoethane (EDB)	<0.1	Tetrahydrofuran	<0.1
1,2-Dichlorobenzene	<0.1	Toluene	<0.1
1,3-Dichlorobenzene	<0.1	1,2,4-Trichlorobenzene	<0.1
1,4-Dichlorobenzene	<0.1	1,1,1-Trichloroethane	<0.1
Dichlorodifluoromethane (Freon12)	<0.1	1,1,2-Trichloroethane	<0.1
1,1-Dichloroethane	<0.1	Trichloroethene	<0.1
1,2-Dichloroethane	<0.1	1,1,2-Trichlorotrifluoroethane (Freon 113)	<0.1
1,1-Dichloroethene	<0.1	Trichlorofluoromethane (Freon 11)	<0.1
cis-1,2-Dichloroethene	<0.1	1,2,4-Trimethylbenzene	<0.1
trans-1,2-Dichloroethene	<0.1	1,3,5-Trimethylbenzene	<0.1
1,2-Dichloropropane	<0.1	Vinyl chloride	<0.1
cis-1,3-Dichloropropene	<0.1	m,p-Xylene	<0.1
trans-1,3-Dichloropropene	<0.1	o-Xylene	<0.1
1,2-Dichlorotetrafluoroethane (Freon 114)	<0.1	sec-Butylbenzene	<0.1
Isopropylbenzene	<0.1		

This certification applies to the following sampling devices:

5565

Notes and Definitions

E	The concentration indicated for this analyte is an estimated value. This value is considered an estimate (CLP E-flag).
GS	This sample was not able to be analyzed for client requested reporting limits due to high concentrations of target analytes in the sample.
GS1	Sample dilution required for high concentration of target analytes to be within the instrument calibration range.
J	Detected above the Method Detection Limit but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
U	Analyte included in the analysis, but not detected
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic

Validated by:
Hanibal C. Tayeh, Ph.D.
June O'Connor

SB12974 BL

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CHAIN OF CUSTODY RECORD

Page 1 of 2

Special Handling:
- [x] Standard TAT - 7 to 10 business days
- [ ] Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: PRECISION ENVIRONMENTAL
831 RT 67, LOT 38
BALSTON SPA, NY 12020
Telephone #: 518 885 4399
Project Mgr. DAN NIERENBERG

Invoice To: PRECISION ENVIRONMENTAL
P.O. No.: _____ RQN: _____

Project No.: 4-47-040
Site Name: Brandywine Plume Delineation
Location: Schenectady State: NY
Sampler(s): Dan Nierenberg

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=_____ 10=_____ 11=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	6L SUMMA	Analyses: TO-15	List preservative code below:	QA/QC Reporting Notes: (check as needed)
12974 01	SV-01	5/26/10	945 - 1140	C	A					1			can #0499, Reg #2857
02	SV-02		1003 - 1200										can #4642, Reg #2885
03	SV-03		1023 - 1220										can #0714, Reg # 36
04	SV-04		1100 - 1300										can # 4633, Reg # 76
05	SV-05		1114 - 1315										can #5565, Reg #58
06	SV-06		1154 - 1352										can # 0263, Reg # 2989
07	SV-09		1255 - 1453										can # 1343, Reg # 14
08	SV-08		1320 - 1513										can # 4562, Reg # 826
09	SV-07		1121 - 1320										can # 0205, Reg # 2863
10	SV-10		1040 - 1240										can # 4620, Reg # 2840

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	6-1-10	1007	22.0
[signature]	[signature]	6/1/10	13:20	17

- [ ] EDD Format _____
- [x] E-mail to DNIERENBERG@PRECISIONENVIRONMENTALNY.COM

[x] Ambient [ ] Iced [ ] Refrigerated [ ] Fridge temp ___ °C [ ] Freezer temp ___ °C

22.7

SB12974 5

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 2

Special Handling:
- ☒ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: PRECISION ENVIRONMENTAL
831 RT 67, LOT 38
BALLSTON SPA, NY 12020
Telephone #: 518 885 4399
Project Mgr. DAN NIERENBERG

Invoice To: PRECISION ENVIRONMENTAL
P.O. No.: _____ RQN: _____

Project No.: 4-47-040
Site Name: Brandywine Plume Delineation
Location: Schenectady State: NY
Sampler(s): Dan Nierenberg

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=_____ 10=_____ 11=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	6L SUMM #	Analyses: TO-15	List preservative code below:	QA/QC Reporting Notes: (check as needed)
12974-11	SV-11	5/26/10	1233 - 1437	C	A					1			can #0240, Reg # 56
12	SV-12	↓	1215 - 1400	↓	↓					↓	↓		can # 1399, Reg # 51
13	Dupe		1003 - 1200										can # 1340, Reg # 13/4
14	Ambient		1328 - 1520										can # 4625, Reg # 37

Nothing follows

☐ Provide MA DEP MCP CAM Report
☐ Provide CT DPH RCP Report
QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____
State specific reporting standards: _____

Relinquished by:	Received by:	Date:	Time:	Temp°C
1		6-1-10	1007	22.0
		6/1/10	1320	17

☐ EDD Format _____
☒ E-mail to DNIERENBERG@PRECISIONENVIRONMENTALNY.COM

☒ Ambient ☐ Iced ☐ Refrigerated ☐ Fridge temp ___ °C ☐ Freezer temp ___ °C

22.7