

Christopher O'Neill - Brandywine Plume Report revisions

From: "Daniel R. Nierenberg" <dnierenberg@precisionenvironmentalny.com>
To: <cxoneill@gw.dec.state.ny.us>
Date: 9/30/2011 9:09 AM
Subject: Brandywine Plume Report revisions
CC: <sphelps@precisionenvironmentalny.com>
Attachments: Brandywine SSI&SVI Report REV 9.29.2011.pdf; Brandywine Over Time MW Analytical Results.pdf

Good morning, Chris...

Attached you will find the revised Brandywine SSI & SVI Report (NYSDEC Spill No. 9706794), per our previous phone conversation. I have revised the section of the text to clarify the technical definition of the water level indicator and sonic interface probes, changed the legend for figures including plume delineation to indicate outline of plume is inferred from data rather than inferred where indicated with dashed line, and added the missing data for the newly installed MW/SV points on Figure 7.

Also, I have compiled an over time analytical results table for site monitoring wells, which includes analytical results for total BTEX, PCE, TCE, DCE, and Total VOCs. Please take a look, and let me know your thoughts. Thank you very much for your time and look forward to speaking with you. If we don't speak today, have a great weekend.

...Dan

Daniel R. Nierenberg
Geologist/Project Manager

Precision Environmental Services, Inc.
831 NYS Route 67, Lot 38
Ballston Spa, New York 12020
Office: 518-885-4399
Fax: 518-885-4416
Cell: 518-365-1127

Certified Women-Owned Business Enterprise (WBE)

Brandywine Plume Delineation Schenectady, Albany County, New York NYSDEC Spill No.: 9706794 / Pin No.: H0926		Monitoring Well Identification													
Analytical Data Over Time		MW-1001	MW-1002	MW-1003	MW-1004	MW-1005	MW-1006	MW-1007	MW-1108	MW-1109	MW-1110	MW-1111	MW-A	MW-B	MW-C
Parameter	Sampling Date														
BTEX	7/21 & 7/22/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	462	ND	ND
	03/15/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/13/10	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	6/23 & 6/24/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	530	ND	ND
PCE	7/21 & 7/22/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
	03/15/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/13/10	ND	38	ND	9	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	6/23 & 6/24/2011	ND	ND	ND	7	14	ND	ND	ND	180	ND	ND	ND	270	14
TCE	7/21 & 7/22/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
	03/15/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/13/10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
	6/23 & 6/24/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	ND
DCE	7/21 & 7/22/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
	03/15/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/13/10	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	6/23 & 6/24/2011	ND	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	ND
TOTAL VOCS	7/21 & 7/22/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	542	ND	ND
	03/15/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/13/10	ND	38	ND	9	5	5	5	NA	NA	NA	NA	NA	NA	NA
	6/23 & 6/24/2011	ND	6	ND	7	14	ND	ND	ND	180	ND	96	560	326	14

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
NA indicates not applicable/not available

Brandywine Plume Delineation Schenectady, Albany County, New York NYSDEC Spill No.: 9706794 / Pin No.: H0926		Monitoring Well Identification													
Analytical Data Over Time		MW-E	MW-G	MW-H	MW-J	MW-K	MW-L	MW-M	MW-N	MW-O	MW-P	MW-Q	MW-R	MW-S	MW-T
Parameter	Sampling Date														
BTEX	7/21 & 7/22/2009	ND	ND	ND	ND	7	ND	ND	8	23	ND	ND	ND	ND	ND
	03/15/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
	04/13/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/23 & 6/24/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCE	7/21 & 7/22/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13	42	17	ND
	03/15/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29	29	53	42
	04/13/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/23 & 6/24/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	26	74	130	20
TCE	7/21 & 7/22/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9	ND
	03/15/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	13	7
	04/13/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/23 & 6/24/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	77	28	ND
DCE	7/21 & 7/22/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	70	25
	03/15/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	25	7
	04/13/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/23 & 6/24/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	120	ND
TOTAL VOCS	7/21 & 7/22/2009	ND	ND	ND	ND	7	ND	ND	14	32	ND	13	42	96	25
	03/15/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29	29	91	56
	04/13/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/23 & 6/24/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	37	184	278	25

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
NA indicates not applicable/not available

Brandywine Plume Delineation Schenectady, Albany County, New York NYSDEC Spill No.: 9706794 / Pin No.: H0926		Monitoring Well Identification											
Analytical Data Over Time		MW-U	MW-W	MW-X	MW-Z	MW-AB	MW-AE	MW-AF	MW-AG	MW-AH	MW-AI	MW-AJ	MW-AK
Parameter	Sampling Date												
BTEX	7/21 & 7/22/2009	ND	ND	ND	ND	5	13	ND	ND	ND	ND	ND	ND
	03/15/10	NA	ND	ND	ND	ND	NA	NA	NA	ND	NA	ND	6
	04/13/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/23 & 6/24/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCE	7/21 & 7/22/2009	ND	8	25	28	5	ND	ND	ND	11	ND	14	11
	03/15/10	NA	10	24	54	10	NA	NA	NA	11	NA	10	45
	04/13/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/23 & 6/24/2011	ND	18	39	20	15	ND	ND	ND	15	ND	8	110
TCE	7/21 & 7/22/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/15/10	NA	ND	ND	ND	ND	NA	NA	NA	ND	NA	ND	11
	04/13/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/23 & 6/24/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36
DCE	7/21 & 7/22/2009	ND	ND	7	ND	ND	ND	ND	ND	22	ND	ND	6
	03/15/10	NA	ND	ND	ND	ND	NA	NA	NA	11	NA	ND	168
	04/13/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/23 & 6/24/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	70
TOTAL VOCS	7/21 & 7/22/2009	ND	8	32	28	10	13	ND	ND	33	ND	14	17
	03/15/10	NA	10	24	54	10	NA	NA	NA	22	NA	10	279
	04/13/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/23 & 6/24/2011	ND	26	39	20	15	ND	ND	ND	15	ND	8	226

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
NA indicates not applicable/not available



PRECISION
ENVIRONMENTAL SERVICES, INC.

831 RT. 67, LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416

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:
August 2011

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
Schenectady, New York 12306-2014

Prepared By:

PRECISION ENVIRONMENTAL SERVICES, INC.
Curtis Industrial Park, Lot 28C
831 Route 67
Ballston Spa, New York 12020

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 11, 2011 Proposed Supplemental Subsurface Investigation Work Plan. Work tasks completed and documented within this report include ①- installation of four (4) soil borings; ②- acquisition of soil samples; ③- installation of three (3) temporary groundwater monitoring wells; ④- gauging and sampling of NYSDEC selected monitoring wells; ⑤- development and sampling of newly installed groundwater monitoring wells; ⑥- installation of three (3) soil vapor points; 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 March and May 2010 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 in June 2011. The results of this work have been detailed below.

1.2 Location Description

The focus area investigative efforts encompass 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 June 14 to 23, 2011, PES performed the supplemental subsurface investigation on the 1112 State Street property following a Phase II – Environmental Site Assessment performed by others relating to a real estate transaction. The supplemental subsurface investigation within the focus area and adjacent properties consisted of gauging and sampling existing monitoring wells, installing additional soil borings at four (4) locations, and installing soil vapor points at three (3) 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 four (4) 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.

2.3 Soil Boring Installation

Newly installed soil borings have been designated as SB-1108 to SB-1111 (See Attachment A, Figures 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 soil sample analysis/review have been recorded on respective boring logs, which have been included 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.

2.6 New Monitoring Well Installation, Gauging, and Surveying

On June 14, 2011, all four (4) soil borings were converted into one-inch diameter, temporary, groundwater-monitoring wells. The monitoring wells (MWs) have been designated as MW-1108 to MW-1111 (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 four (4) wells were completed with flush-to-grade, bolt down, watertight, traffic-rated road boxes.

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/NAPL 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 June 2011 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.

2.1 Groundwater Monitoring Well Sampling

On June 23 & 24, 2011, a total of forty (40) monitoring wells (MW-1001 thru 1007, MW-1108 thru 1111, MW-A, MW-B, MW-C, MW-E, MW-G, MW-H, MW-J, MW-K, MW-L, MW-M, MW-N, MW-O, MW-P, MW-Q, MW-R, MW-S, MW-T, MW-U, MW-W, MW-X, MW-Z, MW-AB, MW-AE, MW-AF, MW-AG, MW-AH, MW-AI, MW-AJ, and MW-AK) were sampled subsequent to gauging activities. Groundwater samples were collected from the newly installed and existing monitoring wells using 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

On June 15, 2011, three (3) soil vapor points were installed on the 1112 State Street property surrounding the onsite building. The soil vapor points (SVs) have been designated as SV-13 to SV-15 (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 three (3) soil vapor points were completed with flush-to-grade, bolt down, watertight, traffic-rated road boxes.

2.9 Soil Vapor Sampling

On June 23, 2011, soil vapor points SV-13, SV-14, and SV-15 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 five (5) vapor samples were collected on June 23, 2011. 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 ($\mu\text{g}/\text{m}^3$) 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 coarse 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 coarse 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 eleven to fifteen-feet below grade during the drilling and monitoring 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 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 nineteen (19) monitoring wells sampled on June 23 & 24, 2011. Petroleum-related VOCs were detected in monitoring wells MW-1111 and MW-A. Groundwater samples collected from monitoring wells MW-1002, MW-1004, MW-1005, MW-1108, MW-B, MW-C, 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).

Results for groundwater samples collected on June 23 & 24, 2011 for monitoring wells MW-1001, MW-1003, MW-1006, MW-1007, MW-1108, MW-1110, MW-E, MW-G, MW-H, MW-J, MW-K, MW-L, MW-M, MW-N, MW-O, MW-P, MW-U, MW-AE, MW-AF, MW-AG, MW-AI, and MW-AJ were reported as containing no constituents of concern detected above the laboratory minimum detection limit.

The total distribution of chlorinated solvent VOCs within the groundwater for the June 2011 groundwater sampling event is depicted in Attachment A, Figure 4. The analytical reports for the submitted groundwater samples have been included in Attachment D: Laboratory Analytical Reports.

4.2 Soil Sampling Results

As Table 3 in Attachment C indicates, constituents of concern were detected above the laboratory's minimum detection limits in submitted soil samples collected from soil boring SB-1109 (22-24'); however, the constituents of concern reported for soil sample SB-1109 (22-24') did not contained VOCs at concentrations above the recommended guidance values established in NYSDEC Regulation 6 NYCRR Subpart 375-6 Remedial Program 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 D: Laboratory Analytical Reports.

4.4 Soil Vapor Sampling Results

Test America Laboratories, Inc. of Burlington, Vermont 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 $1.0 \mu\text{g}/\text{m}^3$ for most analytes. The original laboratory report for the air samples has been provided in Attachment D: Laboratory Analytical Reports.

As indicated on Table 4, several VOC and target CVOC compounds were detected in all four (4) soil vapor samples above the laboratory minimum reporting limits. PCE (tetrachloroethene) was detected in all soil vapor samples at concentrations ranging from $710 \mu\text{g}/\text{m}^3$ (SV-15) to $820,000 \mu\text{g}/\text{m}^3$ (SV-14). PCE concentration reported in the Outdoor Ambient sample was $1.4 \mu\text{g}/\text{m}^3$.

TCE (trichloroethene) was detected in all four (4) soil vapor samples at concentrations ranging from $14.0 \mu\text{g}/\text{m}^3$ (SV-15) to $6,900 \mu\text{g}/\text{m}^3$ (SV-14). TCE concentration reported in the Outdoor Ambient sample was $0.5 \mu\text{g}/\text{m}^3$.

DCE (cis-1,2-dichloroethene) was not detected in soil vapor samples collected on June 23, 2011 at concentrations above the laboratory minimum detection limits. See Table 4 – 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 June 23, 2011 sampling event is depicted in Attachment A, Figure 6.

5.0 Conclusions

As directed and as approved by the NYSDEC, forty (40) existing groundwater monitoring wells were gauged and sampled to verify occurrence of CVOCs in the groundwater regime, four (4) soil borings, four (4) temporary groundwater-monitoring wells, and three (3) 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 June 14, 2011 soil boring installation procedures and soil sampling indicate that chlorinated solvent related VOCs are present in soils proximal to newly installed soil boring SB-1109; however, the VOC concentrations reported (PCE at 14 ppb) for the soil sample collected from SB-1109 were reported below guidance values.

Subsequent to their installation, groundwater monitoring wells MW-1108 thru 1111 were gauged and sampled along with the existing onsite monitoring well network. The results of the well monitoring event indicate that the water table resides at approximately eleven to fifteen-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. Data compiled from the June 2011 supplemental subsurface investigation indicate a comingling of the two (2) previously identified plumes immediately down-gradient of the suspected source areas.

In an attempt to further determine/assess levels of CVOCs in soil vapor PES installed three (3) 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.

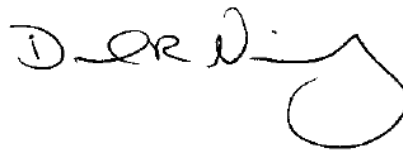
Should you have any questions regarding the above report, please feel free to contact the undersigned at 518-885-4399.

Sincerely;

PRECISION ENVIRONMENTAL SERVICES, INC.



Stephen M. Phelps
Project Manager

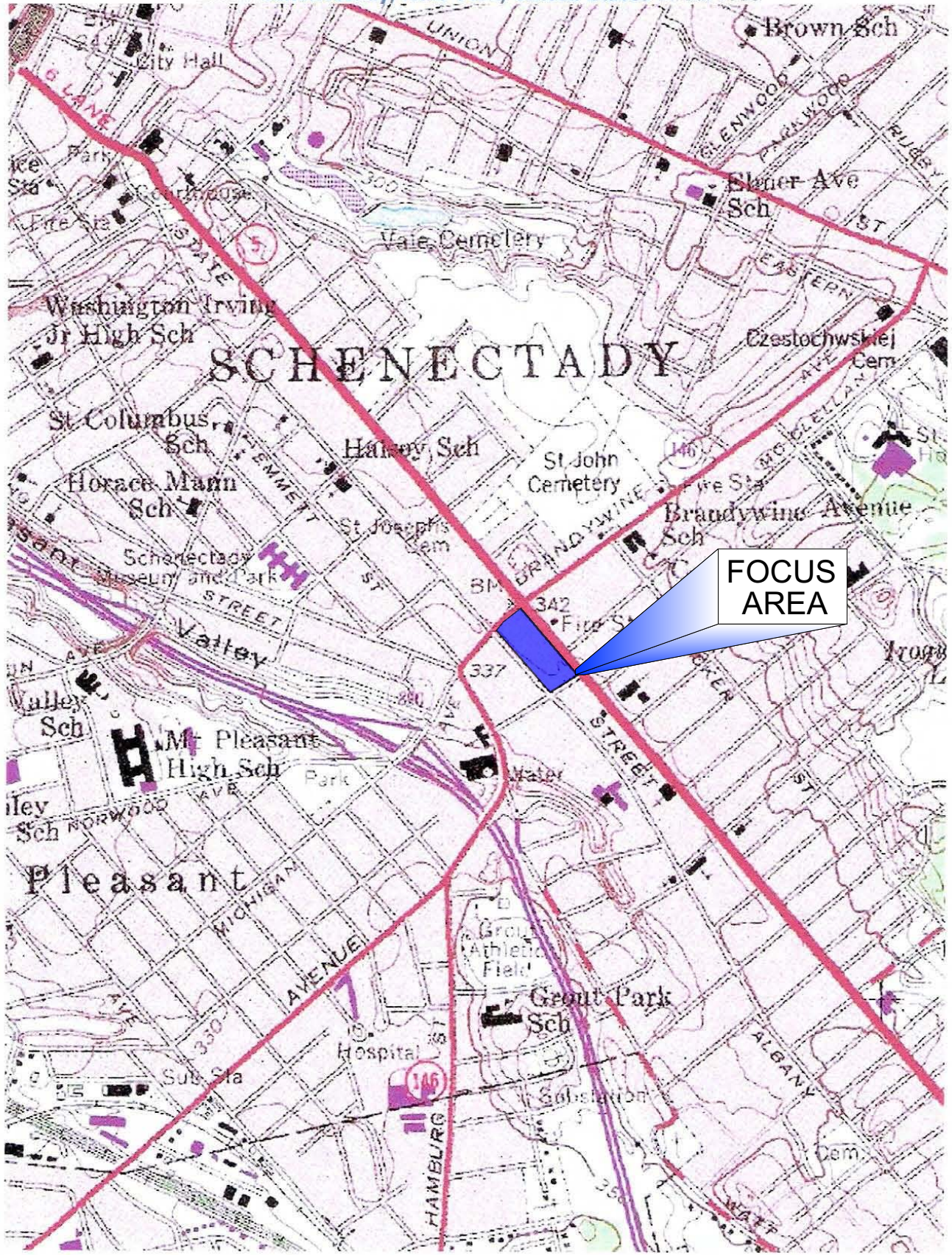


Daniel R. Nierenberg
Geologist

Enclosures:

- Attachment A: Figures 1-7
- Attachment B: Boring Logs
- Attachment C: Summary Tables 1-4
- Attachment D: Groundwater Laboratory Analytical Reports

**Attachment A:
Figures**



0 0.5Km 0 0.25Mi

IMAGE COURTESY OF THE U.S. GEOLOGICAL SURVEY



PRECISION
ENVIRONMENTAL SERVICES, INC.

831 RT. 67 LOT 38
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416

CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

**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.
 831 RT. 67, LOT 38
 BALLSTON SPA, NY 12020
 TEL: 518-885-4399
 FAX: 518-885-4416

CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

FOCUS AREA PLAN

BRANDYWINE AVE. PLUME TRACK DOWN

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

LOCATION: SCHENECTADY, NY

DATE: 8-18-2011

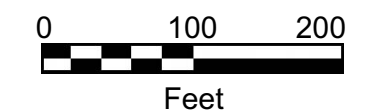
REVISED BY: DRN

FIGURE: 2

SCALE: AS SHOWN

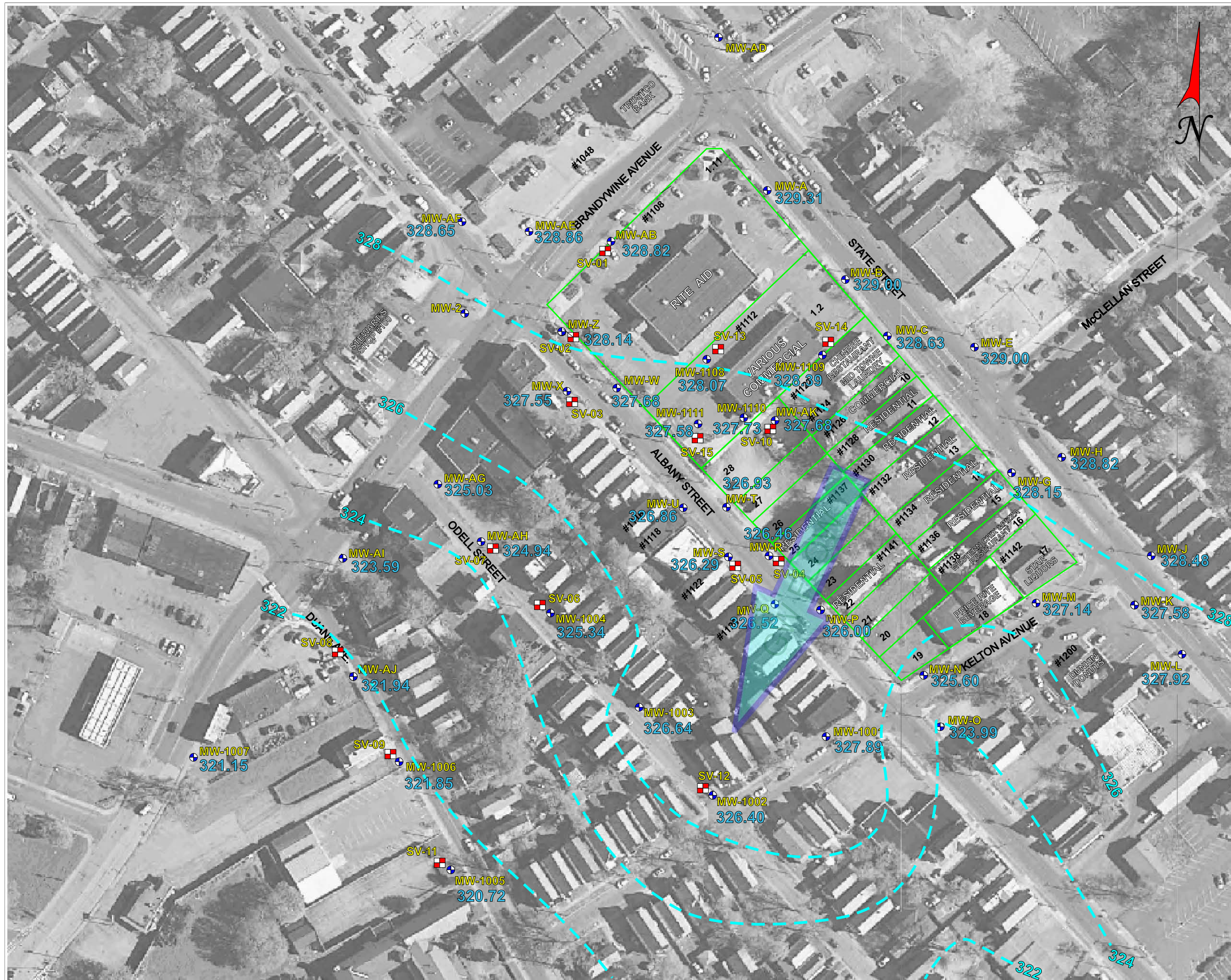
LEGEND

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



NOTES:

- 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 38
 BALLSTON SPA, NY 12020
 TEL: 518-885-4399
 FAX: 518-885-4416

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: June 2011

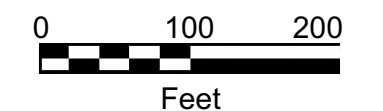
REVISED BY: DRN

FIGURE: 3

SCALE: AS SHOWN

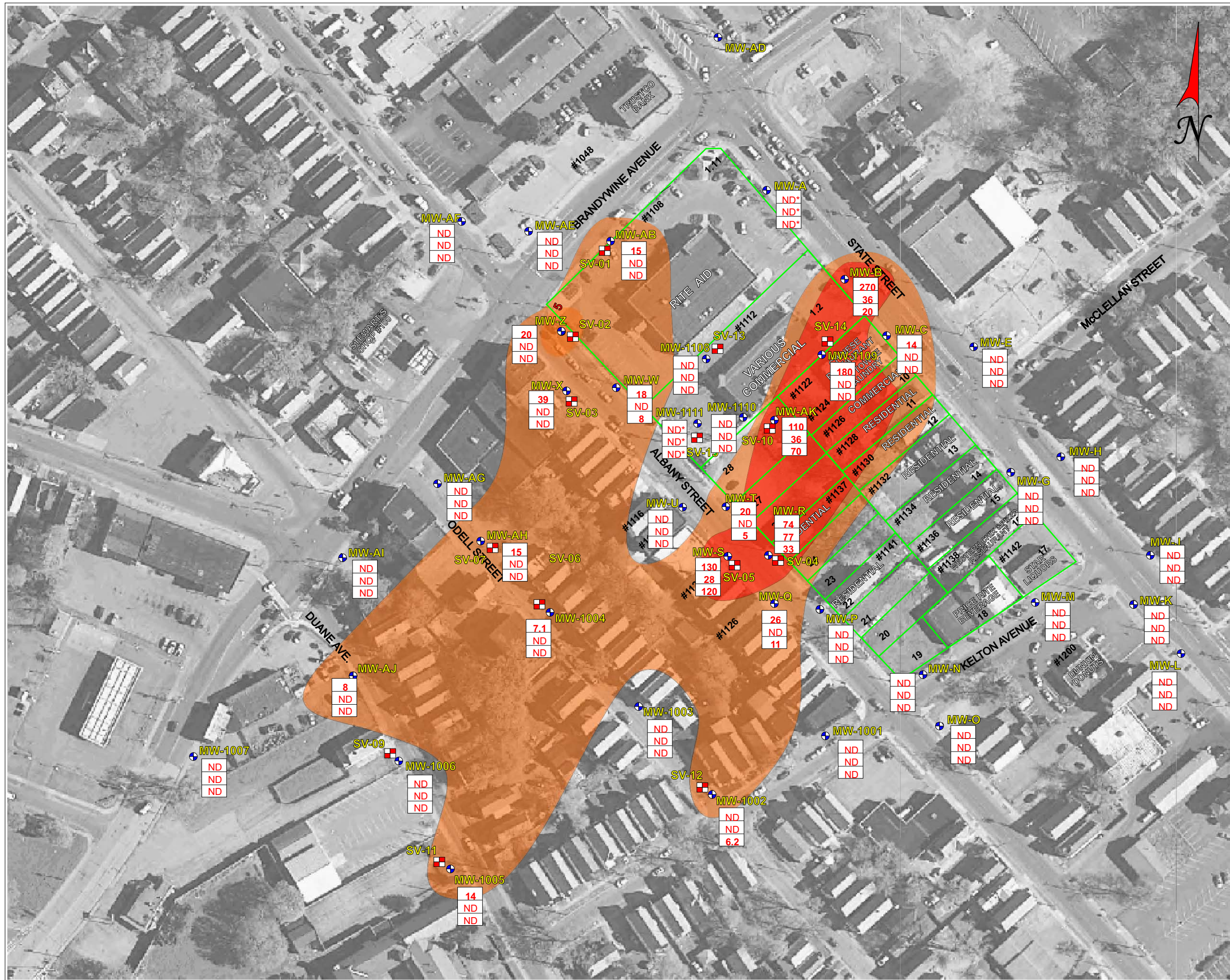
LEGEND

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



NOTES:

- GROUNDWATER GAUGING RESULTS FROM 6-23-2011 AND 6-24-2011 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



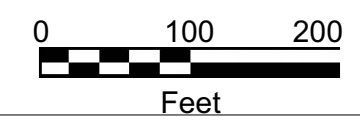
GROUNDWATER CONTAMINANT DISTRIBUTION MAP

BRANDYWINE AVE. PLUME TRACK DOWN
 PROJECT #: NYSDEC SITE NO.: 4-47-040
 LOCATION: SCHENECTADY, NY
 DATE: June 2011 REVISED BY: DRN
 FIGURE: 4 SCALE: AS SHOWN

LEGEND

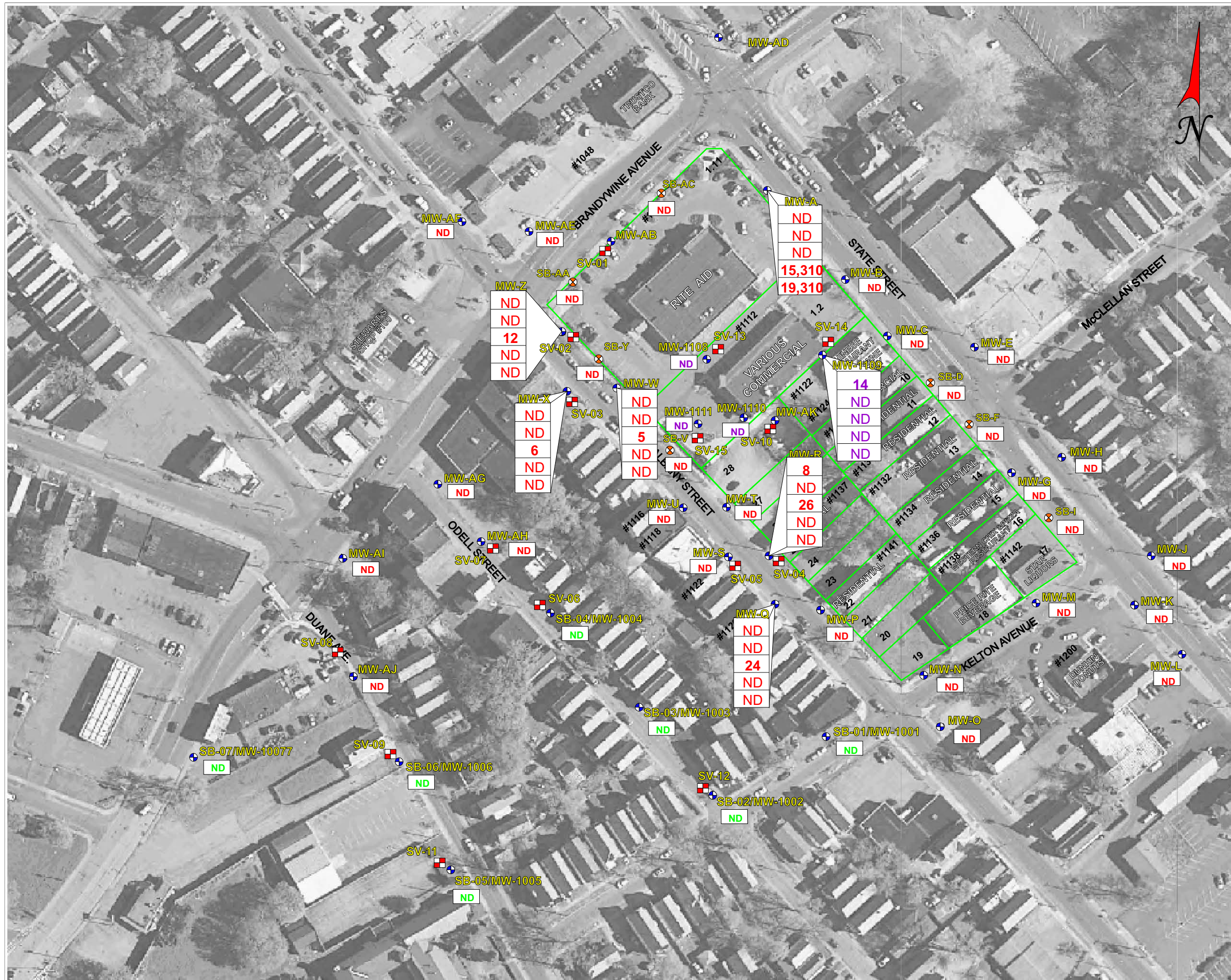
- GROUNDWATER MONITORING WELL
- SOIL VAPOR PROBE
- ND NON DETECT
- CHLORINATED SOLVENT PLUME (TOTAL PCE, TCE & DCE) FOR GROUNDWATER, INFERRED
 - 5 ppb
 - 50 ppb
- | |
|----|
| 29 |
| ND |
| ND |

 TOTAL PCE
 TOTAL TCE
 TOTAL DCE
 }
 GROUNDWATER CONCENTRATIONS REPORTED IN ppb
- ND* INDICATES CONSTITUENTS OF CONCERN DETECTED IN SAMPLE NOT INCLUDED ABOVE



NOTES:

- GROUNDWATER SAMPLING RESULTS FROM 6-23-2011 AND 6-24-2011 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



**SOIL CONTAMINANT
DISTRIBUTION MAP**

BRANDYWINE AVE. PLUME TRACK DOWN

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

LOCATION: SCHENECTADY, NY

DATE: June 14, 2011 **REVISED BY:** DRN

FIGURE: 5 **SCALE:** AS SHOWN

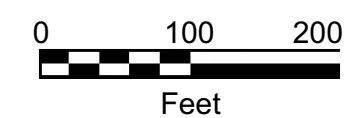
- LEGEND**
- SB-C** SOIL BORING LOCATION
 - MW-J** GROUNDWATER MONITORING WELL
 - SV-1** SOIL VAPOR PROBE

29	TOTAL PCE	} CONCENTRATIONS REPORTED IN PPB
ND	TOTAL TCE	
ND	TOTAL DCE	
123	TOTAL BTEX	
ND	TOTAL TVOC	

ND Indicates sample collected during the June 15 to 26, 2009 SSI

ND Indicates sample collected during the March 30 to April 2, 2010 SSI

ND Indicates sample collected during the June 14, 2011 SSI



NOTES:

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

SOIL VAPOR CONTAMINANT
DISTRIBUTION MAP

BRANDYWINE AVE. PLUME TRACK DOWN

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

LOCATION: SCHENECTADY, NY

DATE: 6-23-2011

REVISED BY: DRN

FIGURE: 6

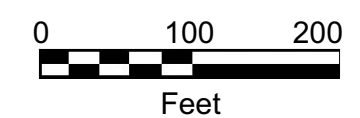
SCALE: AS SHOWN



LEGEND

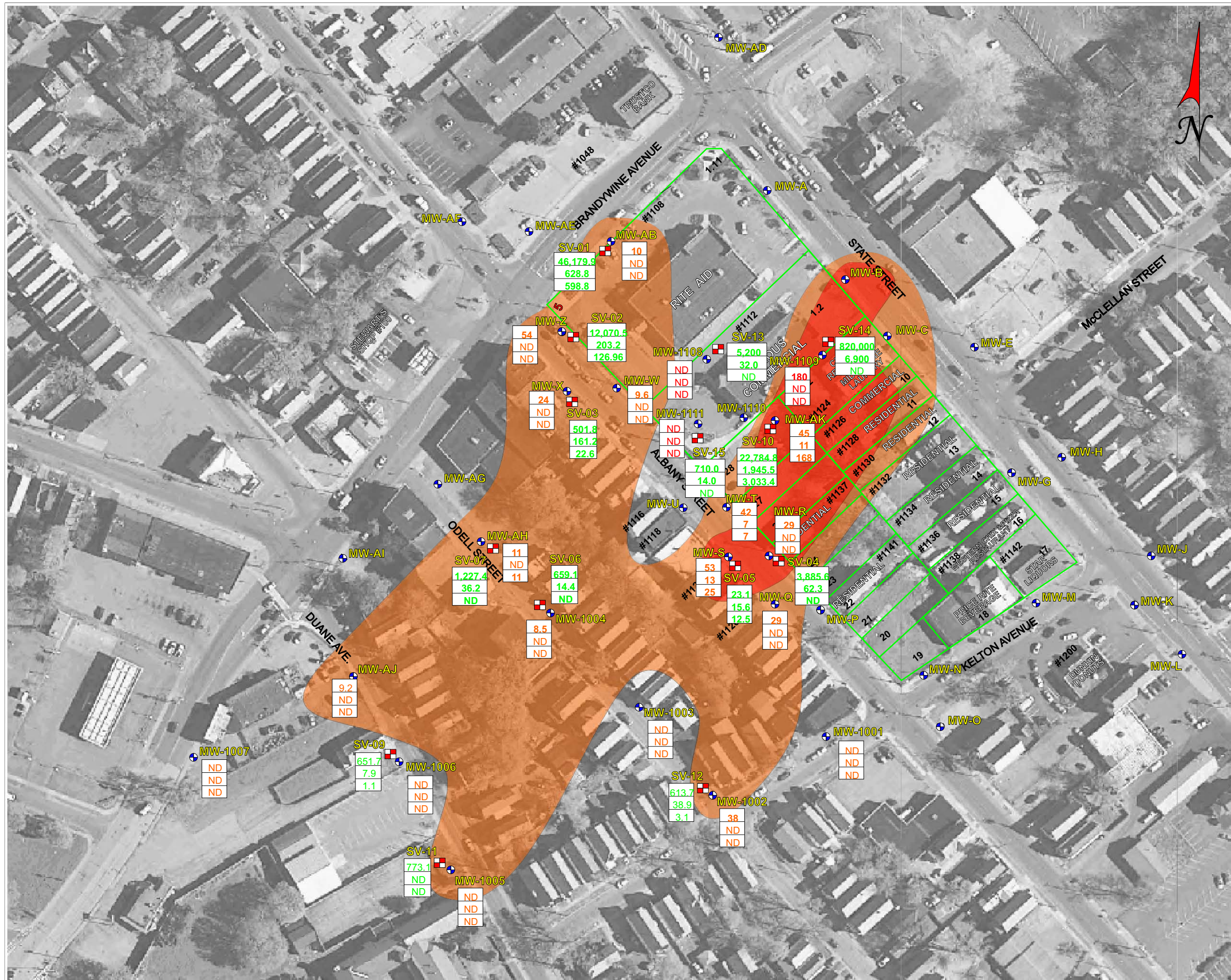
- MW-J GROUNDWATER MONITORING WELL
- SV-1 SOIL VAPOR PROBE
- UPGRADIENT AMBIENT AIR SAMPLE
- ND NON DETECT
- | |
|----|
| 29 |
| ND |
| ND |

 TOTAL PCE
 TOTAL TCE
 TOTAL DCE
- } CONCENTRATIONS
 REPORTED IN
 µg/m³
- ND Indicates sample collected during the 5-26-2010 SSI/SVII
- ND Indicates sample collected during the June 23, 2011 SSI/SVI



NOTES:

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



GROUNDWATER VERSUS SOIL VAPOR CONTAMINANT DISTRIBUTION MAP

BRANDYWINE AVE. PLUME TRACK DOWN

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

LOCATION: SCHENECTADY, NY

DATE: June 2011 **REVISED BY:** DRN

FIGURE: 7 **SCALE:** AS SHOWN

LEGEND

MW-J GROUNDWATER MONITORING WELL

SV-1 SOIL VAPOR PROBE

ND NON DETECT

CHLORINATED SOLVENT PLUME (TOTAL PCE, TCE & DCE) FOR GROUNDWATER, INFERRED

5 ppb 50 ppb

	TOTAL PCE	} GROUNDWATER CONCENTRATIONS REPORTED IN ppb
	TOTAL TCE	
	TOTAL DCE	
	TOTAL PCE	} SOIL VAPOR CONCENTRATIONS REPORTED IN µg/m³
	TOTAL TCE	
	TOTAL DCE	

0 100 200
 Feet

NOTES:

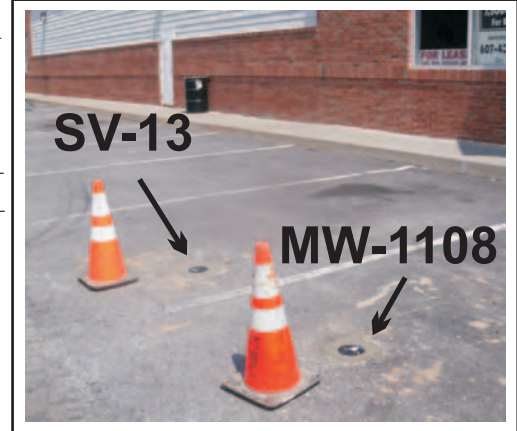
- GROUNDWATER SAMPLING RESULTS FROM 6-23-2011 AND 6-24-2011 HAVE BEEN COMBINED IN THIS GRAPHIC ILLUSTRATION
- 2007 AERIAL IMAGERY PROVIDED COURTESY OF NEW YORK STATE GIS CLEARING HOUSE
- TAX MAP PROVIDED BY SCHENECTADY COUNTY REAL PROPERTY

**Attachment B:
Boring Logs**

DRILLING LOG

Well/ Boring No. **SB/MW-1108**

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4
 Site No: 9706794 Location: Schenectady, NY
 Driller: Mike Dudley Logged by: Dan Nierenberg
 Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push
 Date Drilled: 6/14/2011 Date Developed: 6/23/2011
 TOC Elevation: 341.80 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



Depth (ft.)	Well Construction	Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
0 (Grade)	Flush-Mount Roadbox Grass Area				
1	Bentonite	75% Recov.		1,021	0-2': grey/tan coarse/medium/fine SAND, poorly sorted, moist, with some medium/coarse GRAVEL mixed
2	Riser			1,400	2-4': grey/brown medium SAND, well sorted, with some coarse SAND mixed; changing to tan fine SAND, well sorted, with very little SILT mixed
3		75% Recov.			
4					
5		75% Recov.		1,129	4-6': tan/beige fine SAND, well sorted, with very little SILT mixed
6					
7		75% Recov.		912	6-8': tan coarse SAND, poorly sorted, moist
8					
9		50% Recov.		856	8-10': brown coarse SAND, poorly sorted, moist
10	Sand Pack			621	10-12': brown coarse SAND, poorly sorted, moist
11		50% Recov.			
12					
13		50% Recov.		890	12-14': brown coarse SAND, poorly sorted, moist
14					
15		50% Recov.		23.9 PPM	14-16': brown coarse SAND, poorly sorted, moist
16	Screen				
17		75% Recov.		1,522	(Slough 13', drove core to 20') 16-18': brown/tan medium/coarse SAND, well sorted, wet, saturated
18			*	68.9 PPM	18-20': brown/grey medium SAND, well sorted, staining, odor; changing to brown/tan coarse SAND, poorly sorted, saturated
19		75% Recov.			
20					
21		100% Recov.		135 PPM	(Slough 13', drove core to 24') 20-22': brown coarse/medium SAND, poorly sorted, wet, saturated, sheen observed @21-22', slight staining, strong odor
22					
23				7,115	22-24': brown coarse/medium SAND, poorly sorted, wet, saturated
24					
25					SB-1108 COMPLETED AT 24'
26					MONITORING WELL MW-1108 INSTALLED
27					AMBIENT AIR READING = 19 ppb
28					COLLECTED SOIL SAMPLE SB-1108 (20-22') FOR ANALYSIS
29					EPA 8260

ND = No VOCs Detected By PID analysis

* = Sample Submitted for Laboratory Analysis

DRILLING LOG

Well/ Boring No. **SB/MW-1109**

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4
 Site No: 9706794 Location: Schenectady, NY
 Driller: Mike Dudley Logged by: Dan Nierenberg
 Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push
 Date Drilled: 6/14/2011 Date Developed: 6/23/2011
 TOC Elevation: 342.51' 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



Depth (ft.)	Well Construction	Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
0 (Grade)	Flush-Mount Roadbox Grass Area				
1	Bentonite	75% Recov.		1,300	0-2': asphalt and crushed stone; changing to brown medium SAND, well sorted, moist, with some coarse SAND mixed
2	Riser			660	2-4': dark brown medium/coarse SAND, well sorted; changing to tan/brown/orange coarse SAND, poorly sorted, moist
3					
4		100% Recov.		261	4-6': tan/orange medium SAND, well sorted, moist
5				292	6-8': tan/beige fine SAND, well sorted, with very little SILT content, moist
6		75% Recov.		342	8-10': brown coarse/medium SAND, poorly sorted, with few fine GRAVEL mixed
7	Sand Pack			465	10-12': tan/beige fine SAND, well sorted, with very little SILT content; changing to medium/coarse SAND, well sorted, moist
8		75% Recov.		1,314	12-14': brown coarse SAND, poorly sorted, with some fine GRAVEL mixed, wet, saturated
9				*	1,392
10		75% Recov.		902	(Slough 14', drove core to 20') 16-18': brown coarse SAND, poorly sorted, with fine GRAVEL mixed, wet, saturated
11				166	18-20': brown coarse SAND, poorly sorted, with fine GRAVEL mixed, wet, saturated
12		100% Recov.			(Slough 14', drove core to 20')
13				*	82
14			*	770	22-24': brown coarse SAND/fine GRAVEL mix, wet, saturated
15					SB-1109 COMPLETED AT 24' MONITORING WELL MW-1109 INSTALLED AMBIENT AIR READING = 111 ppb COLLECTED SOIL SAMPLES SB-1109 (14-16') AND SB-1109 (22-24') FOR ANALYSIS EPA 8260
16					ND = No VOCs Detected By PID analysis
17					* = Sample Submitted for Laboratory Analysis

DRILLING LOG

Well/ Boring No. SB/MW-1110

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4
 Site No: 9706794 Location: Schenectady, NY
 Driller: Mike Dudley Logged by: Dan Nierenberg
 Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push
 Date Drilled: 6/14/2011 Date Developed: 6/23/2011
 TOC Elevation: 342.02' 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

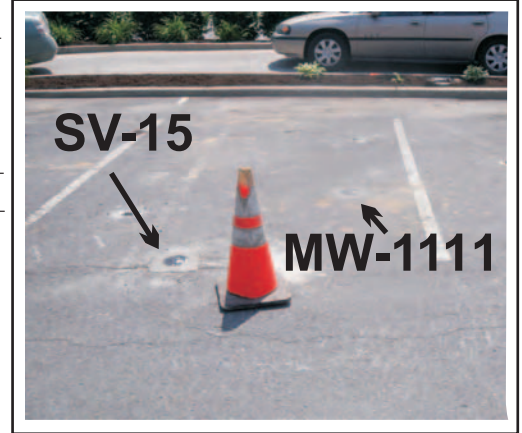


Depth (ft.)	Well Construction	Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
0 (Grade)	Flush-Mount Roadbox Asphalt				
1	Bentonite	50% Recov.		1,073	0-2': asphalt; changing to brown coarse/medium SAND, poorly sorted, with some medium gravel mixed, moist @ 2.25-3'
2	Riser			1,054	2-4': orange/brown medium/coarse SAND, well sorted, moist, fining to fine SAND and some to little SILT @ 4'
3	Sand Pack	75% Recov.		983	4-6': orange/tan fine SAND, well sorted, moist, with very little SILT content
4				969	6-8': orange/tan to orange/brown coarse/medium SAND, poorly sorted, moist, wet
5		75% Recov.		859	8-10': orange fine SAND, well sorted; changing to orange/tan/brown medium/coarse sand
6				807	10-12': orange/brown coarse SAND, poorly sorted, moist, with increasing wetness with depth
7	75% Recov.		821	12-14': brown/tan coarse SAND, poorly sorted, moist, wet	
8		*	838	14-16': brown/tan coarse SAND, poorly sorted, moist, wet, saturated @ 15.5-16'	
9	Screen	75% Recov.			(Slough 13', drove core to 20')
10				867	16-18': brown/grey coarse SAND, poorly sorted, wet, saturated
11			542	18-20': brown coarse/medium SAND, poorly sorted, wet, saturated, with increasing well sorting with depth	
12	100% Recov.				(Slough @ 13', drove core to 24')
13			326	20-22': brown coarse SAND, poorly sorted, wet, saturated, with some medium SAND mixed	
14			248	22-24': brown coarse SAND, poorly sorted, wet, saturated, with some medium SAND mixed	
15					SB-1110 COMPLETED AT 24' MONITORING WELL MW-1110 INSTALLED AMBIENT AIR READING = 290 ppb COLLECTED SOIL SAMPLE SB-1110 (14-16') FOR ANALYSIS EPA 8260
16					ND = No VOCs Detected By PID analysis
17					* = Sample Submitted for Laboratory Analysis

DRILLING LOG

Well/ Boring No. **SB/MW-1111**

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4
 Site No: 9706794 Location: Schenectady, NY
 Driller: Mike Dudley Logged by: Dan Nierenberg
 Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push
 Date Drilled: 6/14/2011 Date Developed: 6/23/2011
 TOC Elevation: 340.82 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



Depth (ft.)	Well Construction	Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
0 (Grade)	Flush-Mount Roadbox Asphalt				
1	Bentonite	100% Recov.		2,241	0-2': asphalt, crushed stone; changing to brown/tan coarse/medium/fine SAND, poorly sorted with medium GRAVEL mixed
2	Riser			2,007	2-4': brown/grey medium SAND, with some coarse/fine SAND mixed, poorly sorted, with coarse GRAVEL and stone mixed; changing to tan medium/coarsSAND, woll sorted @ 3.5-4'
3					
4					
5		90% Recov.		1,116	4-6': brown/tan/orange coarse/medium SAND, poorly sorted, with some fine SAND and medium/coarse GRAVEL mixed, moist
6				860	6-8': brown/tan medium/coarse SAND, well sorted, moist
7					
8					
9		50% Recov.		987	8-10': brown coarse SAND, well sorted, with some medium SAND mixed, moist/wet
10				554	10-12': brown coarse SAND, well sorted, with some medium SAND mixed, moist/wet
11					
12				690	12-14': brown coarse SAND, well sorted, with some medium SAND mixed, moist/wet
13		50% Recov.		498	14-16': brown coarse SAND, well sorted, with some medium SAND mixed, moist/wet, increasing coarse SAND with depth, saturated @ 14'
14					
15					
16	Screen Sand Pack				
17		90% Recov.	*	1,306	(Slough 13', drove core to 20')
18				707	16-18': brown coarse/medium SAND, well sorted, wet, saturated; changing to grey/black coarse/medium SAND, stain and odor
19					18-20': tan coarse SAND and fine GRAVEL mix; changing to medium/fine SAND, well sorted, wet, saturated
20					
21		100% Recov.		325	(Slough @ 15', drove core to 24')
22					20-22': brown/tan coarse SAND, well sorted, wet, saturated; changing to brown/black coarse/medium SAND, well sorted, stain, odor
23				459	22-24': brown/tan coarse/medium SAND, well sorted, wet, saturated
24					
25					SB-1111 COMPLETED AT 24'
26					MONITORING WELL MW-1111 INSTALLED
27					AMBIENT AIR READING = 690 ppb
28					COLLECTED SOIL SAMPLE SB-1111 (16-18') FOR ANALYSIS
29					EPA 8260

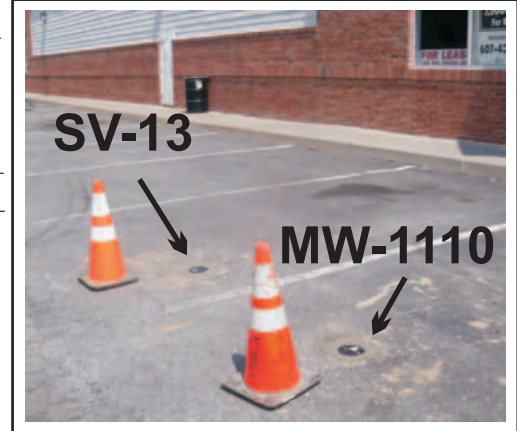
ND = No VOCs Detected By PID analysis

* = Sample Submitted for Laboratory Analysis

DRILLING LOG

Well/ Boring No.: **SV-13**

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4
 Site No: 9706794 Location: Schenectady, NY
 Driller: Mike Dudley Logged by: Dan Nierenberg
 Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push
 Date Drilled: 6/15/2011 Date Developed: 6/23/2011
 TOC Elevation: N/A Total Depth of Hole: 12.5'
 Boring Diameter: 2.25" Screen Diameter: 0.5" Length: 6"
 Slot Size: 0.010 Riser Diameter: 3/8"OD, 3/16"ID Length: 12'
 Type: Soil Vapor Probe Glass Bead: 12.5'-10.5' Bentonite Seal: 10.5' - G
 Protective Casing: Road Box



Depth (ft.)	Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
0 (Grade)	Flush-Mount Roadbox Asphalt			Soil vapor probe SV-13 installed 12.5-feet below existing grade
1				
2				Glass bead pack from 12.5-feet to 10.5-feet below existing site grade
3				
4				Granular bentonite from 10.5-feet to existing site grade
5	Bentonite			
6				Groundwater measured at 13.90-feet below top of casing in MW-1108 prior to installation of soil vapor probe
7				
8				
9				
10				Collected soil sample SV-05 on June 23, 2011
11				
12	Glass Bead			SV-05 sampled for 2-hour period and analyzed for TO-15
13				
14	6-inch SS braided screen			
15				
16	Expendable SS point			
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				N/A = No Sample Acquired
29				ND = No VOCs Detected By PID analysis

DRILLING LOG

Well/ Boring No.: **SV-14**

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4
 Site No: 9706794 Location: Schenectady, NY
 Driller: Mike Dudley Logged by: Dan Nierenberg
 Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push
 Date Drilled: 6/15/2011 Date Developed: 6/23/2011
 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



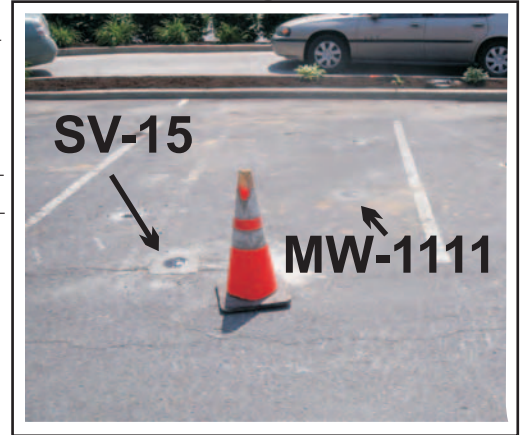
Depth (ft.)	Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
0 (Grade)	Flush-Mount Roadbox Asphalt			Soil vapor probe SV-14 installed 13-feet below existing grade
1				Glass bead pack from 13-feet to 11-feet below existing site grade
2				Granular bentonite from 11-feet to existing site grade
3				Groundwater measured at 14.20-feet below top of casing in MW-1109 prior to installation of soil vapor probe
4				Collected soil sample SV-14 on June 23, 2011
5				SV-14 sampled for 2-hour period and analyzed for TO-15
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				

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

DRILLING LOG

Well/ Boring No.: **SV-15**

Project: Brandywine Plume Delineation Client: NYSDEC - Region 4
 Site No: 9706794 Location: Schenectady, NY
 Driller: Mike Dudley Logged by: Dan Nierenberg
 Drilling Contractor: PES Drilling Method: Geoprobe/Direct Push
 Date Drilled: 6/15/2011 Date Developed: 6/23/2011
 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



Depth (ft.)	Notes	Sample Type/ #	PID (ppb)	Description / Soil Classification
0 (Grade)	Flush-Mount Roadbox Asphalt			Soil vapor probe SV-15 installed 12-feet below existing grade
1	Bentonite			Glass bead pack from 12-feet to 10-feet below existing site grade
2				Granular bentonite from 10-feet to existing site grade
3				Groundwater measured at 13.28-feet below top of casing in MW-1110 prior to installation of soil vapor probe
4				Collected soil sample SV-10 on June 23, 2011
5				SV-10 sampled for 2-hour period and analyzed for TO-15
6				
7				
8				
9				
10				
11	Glass Bead			
12	6-inch SS braided screen			
13	Expendable SS point			
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				

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

**Attachment C:
Tables**

TABLE 1
Summary of Groundwater Gauging and Elevation Data

Brandywine Plume Delineation Schenectady, Albany County, New York NYSDEC Site No.: 97-06794/H0926 Gauge Date: June 23 & 24, 2011				
Well Identification	Top of Casing Elevation	Depth to Water	Depth to Bottom	Water Table Elevation
MW-1001	341.03	13.14	23.41	327.89
MW-1002	341.03	14.63	22.00	326.40
MW-1003	341.03	14.39	22.00	326.64
MW-1004	339.52	14.18	22.00	325.34
MW-1005	335.93	15.21	23.06	320.72
MW-1006	336.94	15.09	23.19	321.85
MW-1007	336.00	14.85	23.18	321.15
MW-1108	341.80	13.73	22.97	328.07
MW-1109	342.51	14.12	23.59	328.39
MW-1110	342.02	14.29	23.24	327.73
MW-1111	340.82	13.24	23.35	327.58
MW-A	341.03	11.72	22.21	329.31
MW-B	340.13	11.13	21.65	329.00
MW-C	340.89	12.26	22.25	328.63
MW-E	339.90	10.90	21.55	329.00
MW-G	339.32	11.17	20.93	328.15
MW-H	341.47	12.65	23.13	328.82
MW-J	339.16	10.68	19.75	328.48
MW-K	339.13	11.55	21.80	327.58
MW-L	338.39	10.47	23.88	327.92
MW-M	339.32	12.18	22.03	327.14
MW-N	337.71	12.11	22.00	325.60
MW-O	337.40	13.41	22.10	323.99
MW-P	338.30	12.30	21.85	326.00
MW-Q	338.49	11.97	23.14	326.52
MW-R	338.22	11.76	22.28	326.46
MW-S	338.38	12.09	21.75	326.29
MW-T	338.64	11.71	22.64	326.93
MW-U	338.93	12.07	21.98	326.86
MW-W	338.88	11.20	22.81	327.68
MW-X	339.25	11.70	21.33	327.55
MW-Z	339.81	11.67	22.64	328.14
MW-AB	340.90	12.08	19.22	328.82
MW-AE	340.24	11.38	20.60	328.86
MW-AF	340.25	11.60	23.90	328.65
MW-AG	338.86	12.18	22.00	325.03
MW-AH	339.24	14.37	22.00	324.94
MW-AI	338.24	12.21	23.00	323.59
MW-AJ	337.18	14.41	22.53	321.94
MW-AK	342.06	14.38	23.79	327.68

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

Brandywine Plume Delineation Schenectady, Albany County, New York NYSDEC Site No. 4-47-040 Collection Date: June 23 & 24, 2011		Sample Identification											NYS DEC Groundwater Standards*	
		MW-1001	MW-1002	MW-1003	MW-1004	MW-1005	MW-1006	MW-1007	MW-1108	MW-1109	MW-1110	MW-1111		
Parameter	Method													
Chloromethane	EPA 8260	ND	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	ND	5
Vinyl Chloride	EPA 8260	ND	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	ND	5
Methylene Chloride	EPA 8260	ND	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	ND	5*
Carbon Disulfide	EPA 8260	ND	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	ND	5
1,1-Dichloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
trans-1,2-Dichloroethene (DCE)	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene (DCE)	EPA 8260	ND	6.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Chloroform	EPA 8260	ND	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	ND	0.6
2-Butanone	EPA 8260	ND	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	ND	1
Carbon Tetrachloride	EPA 8260	ND	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	ND	5*
1,2-Dichloropropane	EPA 8260	ND	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	ND	0.4
Trichloroethene (TCE)	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Dibromochloromethane	EPA 8260	ND	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	ND	1
Benzene	EPA 8260	ND	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	ND	0.4
Bromoform	EPA 8260	ND	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	ND	5*
2-Hexanone	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5*
Tetrachloroethene (PCE)	EPA 8260	ND	ND	ND	7.1	14	ND	ND	ND	180	ND	ND	ND	5
1,1,2,2-Tetrachloroethane	EPA 8260	ND	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	ND	5
Chlorobenzene	EPA 8260	ND	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	ND	5
Styrene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
m,p-Xylene	EPA 8260	ND	ND	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	ND	5
Methyl tert-Butyl Ether	EPA 8260	ND	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	ND	5
Methyl Acetate	EPA 8260	ND	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	ND	5
Trichlorofluoromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Cyclohexane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19	5*
Methyl Cyclohexane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	5*
1,2-Dibromomethane	EPA 8260	ND	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	ND	3
Isopropylbenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	5
1,4-Dichlorobenzene	EPA 8260	ND	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	ND	3
1,2-Dibromo-3-chloropropane	EPA 8260	ND	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	ND	5
BTEX	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total PCE	EPA 8260	ND	ND	ND	7	14	ND	ND	ND	180	ND	ND	ND	
Total TCE	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total DCE	EPA 8260	ND	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Compounds	EPA 8260	ND	6	ND	7	14	ND	ND	ND	180	ND	ND	96	

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 2
Summary of Groundwater Analytical Results

Brandywine Plume Delineation Schenectady, Albany County, New York NYSDEC Site No. 4-47-040 Collection Date: June 23 & 24, 2011		Sample Identification										NYS DEC Groundwater Standards*
Parameter	Method	MW-A	MW-B	MW-C	MW-E	MW-G	MW-H	MW-J	MW-K	MW-L	MW-M	
Chloromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Bromomethane	EPA 8260	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	2
Chloroethane	EPA 8260	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	5
Acetone	EPA 8260	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	60
1,1-Dichloroethene (DCE)	EPA 8260	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	5
trans-1,2-Dichloroethene (DCE)	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene (DCE)	EPA 8260	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	5
Chloroform	EPA 8260	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	0.6
2-Butanone	EPA 8260	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	1
Carbon Tetrachloride	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Bromodichloromethane	EPA 8260	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	1
cis-1,3-Dichloropropene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4
Trichloroethene (TCE)	EPA 8260	ND	36	ND	ND	ND	ND	ND	ND	ND	ND	5
Dibromochloromethane	EPA 8260	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	1
Benzene	EPA 8260	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	0.4
Bromoform	EPA 8260	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	5*
2-Hexanone	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5*
Tetrachloroethene (PCE)	EPA 8260	ND	270	14	ND	ND	ND	ND	ND	ND	ND	5
1,1,2,2-Tetrachloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Toluene	EPA 8260	51	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Chlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Ethylbenzene	EPA 8260	140	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Styrene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
m,p-Xylene	EPA 8260	240	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
o-Xylene	EPA 8260	99	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	10
Dichlorodifluoromethane	EPA 8260	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	5*
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Trichlorofluoromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Cyclohexane	EPA 8260	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	5*
Methyl Cyclohexane	EPA 8260	12	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	5*
1,3-Dichlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3
Isopropylbenzene	EPA 8260	6	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	3
1,2-Dichlorobenzene	EPA 8260	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	0.04
1,2,4-Trichlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
BTEX	EPA 8260	530	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total PCE	EPA 8260	ND	270	14	ND	ND	ND	ND	ND	ND	ND	
Total TCE	EPA 8260	ND	36	ND	ND	ND	ND	ND	ND	ND	ND	
Total DCE	EPA 8260	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	
Total Compounds	EPA 8260	560	326	14	ND	ND	ND	ND	ND	ND	ND	

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 2
Summary of Groundwater Analytical Results

Brandywine Plume Delineation Schenectady, Albany County, New York NYSDEC Site No. 4-47-040 Collection Date: June 23 & 24, 2011		Sample Identification										NYS DEC Groundwater Standards*
Parameter	Method	MW-N	MW-O	MW-P	MW-Q	MW-R	MW-S	MW-T	MW-U	MW-W	MW-X	
Chloromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Bromomethane	EPA 8260	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	2
Chloroethane	EPA 8260	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	5
Acetone	EPA 8260	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	60
1,1-Dichloroethene (DCE)	EPA 8260	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	5
trans-1,2-Dichloroethene (DCE)	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene (DCE)	EPA 8260	ND	ND	ND	ND	33	120	ND	ND	ND	ND	5
Chloroform	EPA 8260	ND	ND	ND	11	ND	ND	5	ND	8	ND	7
1,2-Dichloroethane	EPA 8260	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	5*
1,1,1-Trichloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
Carbon Tetrachloride	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Bromodichloromethane	EPA 8260	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	1
cis-1,3-Dichloropropene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4
Trichloroethene (TCE)	EPA 8260	ND	ND	ND	ND	77	28	ND	ND	ND	ND	5
Dibromochloromethane	EPA 8260	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	1
Benzene	EPA 8260	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	0.4
Bromoform	EPA 8260	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	5*
2-Hexanone	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5*
Tetrachloroethene (PCE)	EPA 8260	ND	ND	ND	26	74	130	20	ND	18	39	5
1,1,2,2-Tetrachloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Toluene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Chlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Ethylbenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Styrene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
m,p-Xylene	EPA 8260	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	5
Methyl tert-Butyl Ether	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
Dichlorodifluoromethane	EPA 8260	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	5*
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Trichlorofluoromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Cyclohexane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5*
Methyl Cyclohexane	EPA 8260	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	5*
1,3-Dichlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3
Isopropylbenzene	EPA 8260	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	3
1,2-Dichlorobenzene	EPA 8260	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	0.04
1,2,4-Trichlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
BTEX	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total PCE	EPA 8260	ND	ND	ND	26	74	130	20	ND	18	39	
Total TCE	EPA 8260	ND	ND	ND	ND	77	28	ND	ND	ND	ND	
Total DCE	EPA 8260	ND	ND	ND	ND	33	120	ND	ND	ND	ND	
Total Compounds	EPA 8260	ND	ND	ND	37	184	278	25	ND	26	39	

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 2
Summary of Groundwater Analytical Results

Brandywine Plume Delineation Schenectady, Albany County, New York NYSDEC Site No. 9706794/H0926 Collection Date: June 23 & 24, 2011		Sample Identification										NYS DEC Groundwater Standards*
		MW-Z	MW-AB	MW-AE	MW-AF	MW-AG	MW-AH	MW-AI	MW-AJ	MW-AK	MW-AJ	
Parameter	Method											
Chloromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Bromomethane	EPA 8260	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	2
Chloroethane	EPA 8260	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	5
Acetone	EPA 8260	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	60
1,1-Dichloroethene (DCE)	EPA 8260	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	5
trans-1,2-Dichloroethene (DCE)	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene (DCE)	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	70	ND	5
Chloroform	EPA 8260	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	0.6
2-Butanone	EPA 8260	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	1
Carbon Tetrachloride	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Bromodichloromethane	EPA 8260	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	1
cis-1,3-Dichloropropene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4
Trichloroethene (TCE)	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	36	ND	5
Dibromochloromethane	EPA 8260	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	1
Benzene	EPA 8260	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	0.4
Bromoform	EPA 8260	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	5*
2-Hexanone	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5*
Tetrachloroethene (PCE)	EPA 8260	20	15	ND	ND	ND	15	ND	8	110	ND	5
1,1,2,2-Tetrachloroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Toluene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Chlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Ethylbenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Styrene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
m,p-Xylene	EPA 8260	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	5
Methyl tert-Butyl Ether	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
Dichlorodifluoromethane	EPA 8260	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	5*
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Trichlorofluoromethane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Cyclohexane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5*
Methyl Cyclohexane	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	10	ND	5*
1,2-Dibromomethane	EPA 8260	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	3
Isopropylbenzene	EPA 8260	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	3
1,2-Dichlorobenzene	EPA 8260	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	0.04
1,2,4-Trichlorobenzene	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
BTEX	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total PCE	EPA 8260	20	15	ND	ND	ND	15	ND	8	110	ND	
Total TCE	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	36	ND	
Total DCE	EPA 8260	ND	ND	ND	ND	ND	ND	ND	ND	70	ND	
Total Compounds	EPA 8260	20	15	ND	ND	ND	15	ND	8	226	ND	

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 4
Summary of Soil Analytical Results

Brandywine Plume Delineation Schenectady, Albany County, New York NYSDEC Site No. 9706794/H0926 Collected: June 23, 2011		Soil Sample Identification					NYSDEC Subpart 375-6 Remedial Program Soil Cleanup Objectives						
							Unrestricted Use	Restricted Use				Protection of Ecological Resources	Protection of Groundwater
		Residential	Restricted Residential	Commercial	Industrial								
Parameter	Method	SB-1108 (20-22')	SB-1109 (14-16')	SB-1109 (22-24')	SB-1110 (14-16')	SB-1111 (16-18')	Unrestricted Use	Residential	Restricted Residential	Commercial	Industrial	Protection of Ecological Resources	Protection of Groundwater
Chloromethane	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
Bromomethane	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
Vinyl Chloride	EPA 8260	ND	ND	ND	ND	ND	20	210	900	13,000	27,000	NS	20
Chloroethane	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
Methylene Chloride	EPA 8260	ND	ND	ND	ND	ND	50	51,000	100,000	500,000	1,000,000	12,000	50
Acetone	EPA 8260	ND	ND	ND	ND	ND	50	100,000	100,000	500,000	1,000,000	2,200	50
Carbon Disulfide	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
1,1-Dichloroethane (DCE)	EPA 8260	ND	ND	ND	ND	ND	330	100,000	100,000	500,000	1,000,000	NS	330
1,1-Dichloroethane	EPA 8260	ND	ND	ND	ND	ND	270	19,000	26,000	240,000	480,000	NS	270
trans-1,2-Dichloroethane (DCE)	EPA 8260	ND	ND	ND	ND	ND	190	100,000	100,000	500,000	1,000,000	NS	190
cis-1,2-Dichloroethane (DCE)	EPA 8260	ND	ND	ND	ND	ND	250	59,000	100,000	500,000	1,000,000	NS	250
Chloroform	EPA 8260	ND	ND	ND	ND	ND	370	10,000	49,000	350,000	700,000	12,000	370
1,2-Dichloroethane	EPA 8260	ND	ND	ND	ND	ND	20	2,300	3,100	30,000	60,000	10,000	20
2-Butanone	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
1,1,1-Trichloroethane	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
Carbon Tetrachloride	EPA 8260	ND	ND	ND	ND	ND	760	1,400	2,400	22,000	44,000	NS	760
Bromodichloromethane	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
1,2-Dichloropropane	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
cis-1,3-Dichloropropene	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
Trichloroethene (TCE)	EPA 8260	ND	ND	ND	ND	ND	470	10,000	200,000	400,000	2,000	470	
Dibromochloromethane	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
1,1,2-Trichloroethane	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
Benzene	EPA 8260	ND	ND	ND	ND	ND	60	2,900	4,800	44,000	89,000	70,000	60
trans-1,3-Dichloropropene	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
Bromoforn	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
4-Methyl-2-pentanone	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
2-Hexanone	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
Tetrachloroethene (PCE)	EPA 8260	ND	14	ND	ND	ND	1,300	5,500	19,000	150,000	300,000	2,000	1,300
1,1,2,2-Tetrachloroethane	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
Toluene	EPA 8260	ND	ND	ND	ND	ND	700	100,000	100,000	500,000	1,000,000	36,000	700
Chlorobenzene	EPA 8260	ND	ND	ND	ND	ND	1,100	100,000	100,000	500,000	1,000,000	40,000	1,100
Ethylbenzene	EPA 8260	ND	ND	ND	ND	ND	1,000	30,000	41,000	390,000	780,000	NS	1,000
Styrene	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
m,p-Xylene	EPA 8260	ND	ND	ND	ND	ND	260	100,000	100,000	500,000	1,000,000	260	1,600
o-Xylene	EPA 8260	ND	ND	ND	ND	ND	260	100,000	100,000	500,000	1,000,000	260	1,600
Methyl tert-Butyl Ether	EPA 8260	ND	ND	ND	ND	ND	930	100,000 ⁺¹	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
Dichlorodifluoromethane	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
Methyl Acetate	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
Trichlorofluoromethane	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
Cyclohexane	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
Methyl Cyclohexane	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
1,2-Dibromomethane	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
1,3-Dichlorobenzene	EPA 8260	ND	ND	ND	ND	ND	2,400	17,000	49,000	280,000	560,000	NS	2,400
Isopropylbenzene	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
1,4-Dichlorobenzene	EPA 8260	ND	ND	ND	ND	ND	1,800	9,800	13,000	130,000	250,000	20,000	1,800
1,2-Dichlorobenzene	EPA 8260	ND	ND	ND	ND	ND	1,100	100,000	100,000	500,000	1,000,000	NS	1,100
1,2-Dibromo-3-chloropropane	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
1,2,4-Trichlorobenzene	EPA 8260	ND	ND	ND	ND	ND	100,000 ⁺¹	100,000 ⁺²	100,000 ⁺¹	500,000 ⁺²	1,000,000 ⁺³	100,000 ⁺¹	1,000,000 ⁺³
BTEX	EPA 8260	ND	ND	ND	ND	ND							
Total PCE	EPA 8260	ND	14	ND	ND	ND							
Total TCE	EPA 8260	ND	ND	ND	ND	ND							
Total DCE	EPA 8260	ND	ND	ND	ND	ND							
Total Compounds	EPA 8260	ND	14	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
NA indicates not applicable/not available
NS indicates no soil cleanup objectives developed or published
⁺¹ NYSDEC - Subpart 375-6.9 Development or Modification of Soil Cleanup Objective (b)(2)(i)
⁺² NYSDEC - Subpart 375-6.9 Development or Modification of Soil Cleanup Objective (b)(2)(ii)
⁺³ NYSDEC - Subpart 375-6.9 Development or Modification of Soil Cleanup Objective (b)(2)(iii)

TABLE 4

Summary of Soil Vapor Analytical Results

Brandywine Plume Delineation Schenectady, Albany County, New York NYSDEC Spill No.: 9706794/ Pin No.: H0926 Collected: June 23, 2011		Soil Vapor Sample Identification				
Parameter	Method	SV-13	Duplicate	SV-14	SV-15	Outdoor Ambient
Dichlorodifluoromethane (Freon 12)	TO-15	ND	ND	ND	29.0	2.3
Chloromethane	TO-15	ND	ND	ND	ND	ND
1,2-Dichlorotetrafluoroethane (Freon 114)	TO-15	ND	ND	ND	ND	ND
Acetone	TO-15	ND	ND	ND	ND	ND
Trichlorofluoromethane (Freon 11)	TO-15	2,000.0	2,100.0	ND	680.0	1.2
Ethanol	TO-15	ND	ND	ND	ND	ND
Methylene Chloride	TO-15	ND	ND	ND	ND	ND
1,1,2-Trichlorotrifluoroethane (Freon 113)	TO-15	ND	ND	ND	ND	ND
Carbon disulfide	TO-15	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene (DCE)	TO-15	ND	ND	ND	ND	ND
Isopropyl alcohol	TO-15	ND	ND	ND	ND	ND
2-Butanone (MEK)	TO-15	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene (DCE)	TO-15	ND	ND	ND	ND	ND
n-Hexane	TO-15	ND	ND	ND	15.0	4.1
Ethyl acetate	TO-15	ND	ND	ND	ND	ND
Chloroform	TO-15	ND	ND	ND	ND	ND
Tetrahydrofuran	TO-15	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	TO-15	ND	ND	ND	37.0	ND
1,1,2-Trichloroethane	TO-15	110.0	ND	ND	ND	ND
Benzene	TO-15	ND	ND	ND	ND	ND
Carbon tetrachloride	TO-15	ND	ND	ND	ND	0.4
Cyclohexane	TO-15	ND	ND	ND	4.2	1.8
2,2,4-Trimethylpentane	TO-15	ND	ND	ND	11.0	4.8
1,2-Dichloropropane	TO-15	ND	ND	ND	ND	ND
Bromodichloromethane	TO-15	ND	ND	ND	ND	ND
Trichloroethene (TCE)	TO-15	32.0	33.0	6,900.0	14.0	0.5
n-Heptane	TO-15	ND	ND	ND	23.0	6.3
4-Methyl-2-pentanone (MIBK)	TO-15	ND	ND	ND	ND	ND
Toluene	TO-15	ND	ND	ND	100.0	21.0
Tetrachloroethene (PCE)	TO-15	5,200.0	5,300.0	820,000.0	710.0	1.4
Benzene	TO-15	ND	ND	ND	8.7	1.9
Ethylbenzene	TO-15	ND	ND	ND	23.0	13.0
m,p-Xylene	TO-15	ND	ND	ND	78.0	42.0
o-Xylene	TO-15	ND	ND	ND	28.0	18.0
Total Xylenes	TO-15	33.0	ND	29.0	ND	ND
Styrene	TO-15	ND	ND	ND	ND	ND
Isopropylbenzene	TO-15	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	TO-15	ND	ND	ND	11.0	13.0
4-Ethyltoluene	TO-15	ND	ND	ND	12.0	13.0
1,2,4-Trimethylbenzene	TO-15	ND	ND	ND	ND	ND
4-Isopropyltoluene	TO-15	ND	ND	ND	ND	ND
Total PCE	TO-15	5,200.0	5,300.0	820,000.0	710.0	1.4
Total TCE	TO-15	32.0	33.0	6,900.0	14.0	0.5
Total DCE	TO-15	ND	ND	ND	ND	ND
Total Compounds	TO-15	7,375.0	7,433.0	826,929.0	1,754.9	142.4

All values are reported in ug/m³ - micrograms per cubic meter
Analytical Facility - Test America Laboratories, Inc. - Burlington, VT
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

Table 4

Summary of Soil Vapor
Analytical Results

Brandywine Plume Delineation Schenectady, Albany County, New York NYSDEC Site No. 9706794/H0926 Collected: June 23, 2011												
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-13	3374	4034	11:35	13:35	93.3	0	1,391	228	-30 "Hg	-6 "Hg	66	29.79
Duplicate (SV-13)	4152	4043	11:35	13:35	93.3	0	1,391	228	-30 "Hg	-6 "Hg	66	29.79
SV-14	4284	4259	11:45	13:44	93	0	75.6 PPM	157	-29 "Hg	-8 "Hg	66	29.79
SV-15	4870	2617	11:40	13:40	94	0	564	267	-29 "Hg	-14" Hg	69	29.78
Outdoor Ambient	4923	3060	11:51	13:48	N/A	N/A	N/A	N/A	-30 "Hg	-6 "Hg	69	29.78
Helium Detector : He Leak Detector - MGD-2002 Photo-ionization detector : ppbRae Plus PGM-7240 N/A indicates not applicable												

**Attachment D:
Laboratory Analytical Reports**



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

June 29, 2011

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: 110616033

PO#: C200302

Spill # / Pin # : 9706794 / H0926 / 117751

RE: Brandywine Plume
Schenectady NY

Dear Sheilla Paige:

Adirondack Environmental Services, Inc received 5 samples on 6/16/2011 for the analyses presented in the following report.

Please see case narrative for specifics on analysis.

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

Sincerely,

Tara Daniels
Laboratory Manager

ELAP#: 10709

CLIENT: NYS DEC Region 4

Date: 29-Jun-11

Project: Brandywine Plume

Lab Order: 110616033

Sample containers were supplied by Adirondack Environmental Services.

Qualifiers:	ND - Not Detected at reporting limit	S - LCS Spike recovery outside acceptable limits
	J - Analyte detected below quantitation limit	R - Duplication outside acceptable limits
	B - Analyte detected in Blank	T - Tentatively Identified Compound-Estimated
	X - Exceeds maximum contamination limit	E -Above quantitation range-Estimated
	H - Hold time exceeded	M - Matrix Spike outside acceptable limits
		C - Details are above in Case Narrative

Note : All Results are reported as wet weight unless noted

Adirondack Environmental Services, Inc

Date: 29-Jun-11

CLIENT: NYS DEC Region 4 Client Sample ID: SB-1108 (20-22)
 Work Order: 110616033 Collection Date: 6/14/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110616033-001
 PO#: C200302 Matrix: SOIL
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5035 PREP) SW8260B						Analyst: MG
Chloromethane	< 12	12		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Bromomethane	< 12	12		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Vinyl chloride	< 12	12		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Chloroethane	< 12	12		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Methylene chloride	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Acetone	< 12	12		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Carbon disulfide	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
1,1-Dichloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
1,1-Dichloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
trans-1,2-Dichloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
cis-1,2-Dichloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Chloroform	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
1,2-Dichloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
2-Butanone	< 12	12		µg/Kg-dry	1	6/27/2011 6:55:00 PM
1,1,1-Trichloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Carbon tetrachloride	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Bromodichloromethane	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
1,2-Dichloropropane	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
cis-1,3-Dichloropropene	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Trichloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Dibromochloromethane	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
1,1,2-Trichloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Benzene	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
trans-1,3-Dichloropropene	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Bromoform	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
4-Methyl-2-pentanone	< 12	12		µg/Kg-dry	1	6/27/2011 6:55:00 PM
2-Hexanone	< 12	12		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Tetrachloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
1,1,2,2-Tetrachloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Toluene	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Chlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Ethylbenzene	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Styrene	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
m,p-Xylene	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
o-Xylene	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Methyl tert-butyl ether	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Dichlorodifluoromethane	< 6	6	S	µg/Kg-dry	1	6/27/2011 6:55:00 PM
Methyl Acetate	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Trichlorofluoromethane	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM

Adirondack Environmental Services, Inc

Date: 29-Jun-11

CLIENT: NYS DEC Region 4 Client Sample ID: SB-1108 (20-22')
 Work Order: 110616033 Collection Date: 6/14/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110616033-001
 PO#: C200302 Matrix: SOIL
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5035 PREP) SW8260B						Analyst: MG
Cyclohexane	< 12	12		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Methyl Cyclohexane	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
1,2-Dibromoethane	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
1,3-Dichlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Isopropylbenzene	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
1,4-Dichlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
1,2-Dichlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
1,2-Dibromo-3-chloropropane	< 12	12	S	µg/Kg-dry	1	6/27/2011 6:55:00 PM
1,2,4-Trichlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 6:55:00 PM
Surr: 1,2-Dichloroethane-d4	98.2	64.8-130		%REC	1	6/27/2011 6:55:00 PM
Surr: 4-Bromofluorobenzene	98.8	76.8-122		%REC	1	6/27/2011 6:55:00 PM
Surr: Toluene-d8	93.9	78.5-120		%REC	1	6/27/2011 6:55:00 PM
MOISURE CONTENT ASTM D2216 D2216						Analyst: PF
Percent Moisture	15.2	0.1		wt%	1	6/17/2011

Adirondack Environmental Services, Inc

Date: 29-Jun-11

CLIENT: NYS DEC Region 4 Client Sample ID: SB-1109 (14-16')
 Work Order: 110616033 Collection Date: 6/14/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110616033-002
 PO#: C200302 Matrix: SOIL
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5035 PREP) SW8260B						Analyst: MG
Chloromethane	< 12	12		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Bromomethane	< 12	12		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Vinyl chloride	< 12	12		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Chloroethane	< 12	12		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Methylene chloride	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Acetone	< 12	12		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Carbon disulfide	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
1,1-Dichloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
1,1-Dichloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
trans-1,2-Dichloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
cis-1,2-Dichloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Chloroform	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
1,2-Dichloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
2-Butanone	< 12	12		µg/Kg-dry	1	6/27/2011 7:23:00 PM
1,1,1-Trichloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Carbon tetrachloride	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Bromodichloromethane	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
1,2-Dichloropropane	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
cis-1,3-Dichloropropene	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Trichloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Dibromochloromethane	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
1,1,2-Trichloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Benzene	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
trans-1,3-Dichloropropene	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Bromoform	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
4-Methyl-2-pentanone	< 12	12		µg/Kg-dry	1	6/27/2011 7:23:00 PM
2-Hexanone	< 12	12		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Tetrachloroethene	14	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
1,1,2,2-Tetrachloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Toluene	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Chlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Ethylbenzene	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Styrene	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
m,p-Xylene	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
o-Xylene	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Methyl tert-butyl ether	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Dichlorodifluoromethane	< 6	6	S	µg/Kg-dry	1	6/27/2011 7:23:00 PM
Methyl Acetate	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Trichlorofluoromethane	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM

Adirondack Environmental Services, Inc

Date: 29-Jun-11

CLIENT: NYS DEC Region 4 Client Sample ID: SB-1109 (14-16')
 Work Order: 110616033 Collection Date: 6/14/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110616033-002
 PO#: C200302 Matrix: SOIL
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5035 PREP) SW8260B						Analyst: MG
Cyclohexane	< 12	12		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Methyl Cyclohexane	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
1,2-Dibromoethane	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
1,3-Dichlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Isopropylbenzene	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
1,4-Dichlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
1,2-Dichlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
1,2-Dibromo-3-chloropropane	< 12	12	S	µg/Kg-dry	1	6/27/2011 7:23:00 PM
1,2,4-Trichlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 7:23:00 PM
Surr: 1,2-Dichloroethane-d4	102	64.8-130		%REC	1	6/27/2011 7:23:00 PM
Surr: 4-Bromofluorobenzene	97.2	76.8-122		%REC	1	6/27/2011 7:23:00 PM
Surr: Toluene-d8	96.8	78.5-120		%REC	1	6/27/2011 7:23:00 PM
MOISURE CONTENT ASTM D2216 D2216						Analyst: PF
Percent Moisture	15.8	0.1		wt%	1	6/17/2011

Adirondack Environmental Services, Inc

Date: 29-Jun-11

CLIENT: NYS DEC Region 4 Client Sample ID: SB-1110 (14-16')
 Work Order: 110616033 Collection Date: 6/14/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110616033-003
 PO#: C200302 Matrix: SOIL
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5035 PREP) SW8260B						Analyst: MG
Chloromethane	< 11	11		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Bromomethane	< 11	11		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Vinyl chloride	< 11	11		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Chloroethane	< 11	11		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Methylene chloride	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Acetone	< 11	11		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Carbon disulfide	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
1,1-Dichloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
1,1-Dichloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
trans-1,2-Dichloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
cis-1,2-Dichloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Chloroform	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
1,2-Dichloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
2-Butanone	< 11	11		µg/Kg-dry	1	6/27/2011 7:52:00 PM
1,1,1-Trichloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Carbon tetrachloride	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Bromodichloromethane	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
1,2-Dichloropropane	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
cis-1,3-Dichloropropene	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Trichloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Dibromochloromethane	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
1,1,2-Trichloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Benzene	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
trans-1,3-Dichloropropene	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Bromoform	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
4-Methyl-2-pentanone	< 11	11		µg/Kg-dry	1	6/27/2011 7:52:00 PM
2-Hexanone	< 11	11		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Tetrachloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
1,1,2,2-Tetrachloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Toluene	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Chlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Ethylbenzene	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Styrene	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
m,p-Xylene	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
o-Xylene	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Methyl tert-butyl ether	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Dichlorodifluoromethane	< 6	6	S	µg/Kg-dry	1	6/27/2011 7:52:00 PM
Methyl Acetate	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Trichlorofluoromethane	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM

Adirondack Environmental Services, Inc

Date: 29-Jun-11

CLIENT: NYS DEC Region 4	Client Sample ID: SB-1110 (14-16')
Work Order: 110616033	Collection Date: 6/14/2011
Reference: Brandywine Plume / Schenectady NY	Lab Sample ID: 110616033-003
PO#: C200302	Matrix: SOIL
Spill # / Pin # : 9706794 / H0926 / 117751	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5035 PREP) SW8260B						Analyst: MG
Cyclohexane	< 11	11		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Methyl Cyclohexane	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
1,2-Dibromoethane	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
1,3-Dichlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Isopropylbenzene	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
1,4-Dichlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
1,2-Dichlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
1,2-Dibromo-3-chloropropane	< 11	11	S	µg/Kg-dry	1	6/27/2011 7:52:00 PM
1,2,4-Trichlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 7:52:00 PM
Surr: 1,2-Dichloroethane-d4	101	64.8-130		%REC	1	6/27/2011 7:52:00 PM
Surr: 4-Bromofluorobenzene	94.2	76.8-122		%REC	1	6/27/2011 7:52:00 PM
Surr: Toluene-d8	95.7	78.5-120		%REC	1	6/27/2011 7:52:00 PM
MOISURE CONTENT ASTM D2216 D2216						Analyst: PF
Percent Moisture	11.6	0.1		wt%	1	6/17/2011

Adirondack Environmental Services, Inc

Date: 29-Jun-11

CLIENT: NYS DEC Region 4 Client Sample ID: SB-1111 (16-18')
 Work Order: 110616033 Collection Date: 6/14/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110616033-004
 PO#: C200302 Matrix: SOIL
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5035 PREP) SW8260B						Analyst: MG
Chloromethane	< 12	12		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Bromomethane	< 12	12		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Vinyl chloride	< 12	12		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Chloroethane	< 12	12		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Methylene chloride	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Acetone	< 12	12		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Carbon disulfide	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
1,1-Dichloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
1,1-Dichloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
trans-1,2-Dichloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
cis-1,2-Dichloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Chloroform	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
1,2-Dichloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
2-Butanone	< 12	12		µg/Kg-dry	1	6/27/2011 8:21:00 PM
1,1,1-Trichloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Carbon tetrachloride	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Bromodichloromethane	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
1,2-Dichloropropane	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
cis-1,3-Dichloropropene	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Trichloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Dibromochloromethane	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
1,1,2-Trichloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Benzene	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
trans-1,3-Dichloropropene	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Bromoform	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
4-Methyl-2-pentanone	< 12	12		µg/Kg-dry	1	6/27/2011 8:21:00 PM
2-Hexanone	< 12	12		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Tetrachloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
1,1,2,2-Tetrachloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Toluene	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Chlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Ethylbenzene	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Styrene	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
m,p-Xylene	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
o-Xylene	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Methyl tert-butyl ether	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Dichlorodifluoromethane	< 6	6	S	µg/Kg-dry	1	6/27/2011 8:21:00 PM
Methyl Acetate	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Trichlorofluoromethane	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM

Adirondack Environmental Services, Inc

Date: 29-Jun-11

CLIENT: NYS DEC Region 4	Client Sample ID: SB-1111 (16-18')
Work Order: 110616033	Collection Date: 6/14/2011
Reference: Brandywine Plume / Schenectady NY	Lab Sample ID: 110616033-004
PO#: C200302	Matrix: SOIL
Spill # / Pin # : 9706794 / H0926 / 117751	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5035 PREP) SW8260B						Analyst: MG
Cyclohexane	< 12	12		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Methyl Cyclohexane	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
1,2-Dibromoethane	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
1,3-Dichlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Isopropylbenzene	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
1,4-Dichlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
1,2-Dichlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
1,2-Dibromo-3-chloropropane	< 12	12	S	µg/Kg-dry	1	6/27/2011 8:21:00 PM
1,2,4-Trichlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 8:21:00 PM
Surr: 1,2-Dichloroethane-d4	101	64.8-130		%REC	1	6/27/2011 8:21:00 PM
Surr: 4-Bromofluorobenzene	93.6	76.8-122		%REC	1	6/27/2011 8:21:00 PM
Surr: Toluene-d8	90.2	78.5-120		%REC	1	6/27/2011 8:21:00 PM
MOISURE CONTENT ASTM D2216 D2216						Analyst: PF
Percent Moisture	16.3	0.1		wt%	1	6/17/2011

Adirondack Environmental Services, Inc

Date: 29-Jun-11

CLIENT: NYS DEC Region 4 Client Sample ID: SB-1109 (22-24')
 Work Order: 110616033 Collection Date: 6/14/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110616033-005
 PO#: C200302 Matrix: SOIL
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5035 PREP) SW8260B						Analyst: MG
Chloromethane	< 12	12		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Bromomethane	< 12	12		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Vinyl chloride	< 12	12		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Chloroethane	< 12	12		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Methylene chloride	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Acetone	< 12	12		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Carbon disulfide	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
1,1-Dichloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
1,1-Dichloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
trans-1,2-Dichloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
cis-1,2-Dichloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Chloroform	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
1,2-Dichloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
2-Butanone	< 12	12		µg/Kg-dry	1	6/27/2011 8:50:00 PM
1,1,1-Trichloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Carbon tetrachloride	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Bromodichloromethane	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
1,2-Dichloropropane	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
cis-1,3-Dichloropropene	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Trichloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Dibromochloromethane	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
1,1,2-Trichloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Benzene	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
trans-1,3-Dichloropropene	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Bromoform	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
4-Methyl-2-pentanone	< 12	12		µg/Kg-dry	1	6/27/2011 8:50:00 PM
2-Hexanone	< 12	12		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Tetrachloroethene	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
1,1,2,2-Tetrachloroethane	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Toluene	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Chlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Ethylbenzene	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Styrene	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
m,p-Xylene	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
o-Xylene	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Methyl tert-butyl ether	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Dichlorodifluoromethane	< 6	6	S	µg/Kg-dry	1	6/27/2011 8:50:00 PM
Methyl Acetate	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Trichlorofluoromethane	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM

Adirondack Environmental Services, Inc

Date: 29-Jun-11

CLIENT: NYS DEC Region 4 Client Sample ID: SB-1109 (22-24')
 Work Order: 110616033 Collection Date: 6/14/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110616033-005
 PO#: C200302 Matrix: SOIL
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5035 PREP) SW8260B						Analyst: MG
Cyclohexane	< 12	12		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Methyl Cyclohexane	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
1,2-Dibromoethane	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
1,3-Dichlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Isopropylbenzene	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
1,4-Dichlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
1,2-Dichlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
1,2-Dibromo-3-chloropropane	< 12	12	S	µg/Kg-dry	1	6/27/2011 8:50:00 PM
1,2,4-Trichlorobenzene	< 6	6		µg/Kg-dry	1	6/27/2011 8:50:00 PM
Surr: 1,2-Dichloroethane-d4	104	64.8-130		%REC	1	6/27/2011 8:50:00 PM
Surr: 4-Bromofluorobenzene	90.5	76.8-122		%REC	1	6/27/2011 8:50:00 PM
Surr: Toluene-d8	98.0	78.5-120		%REC	1	6/27/2011 8:50:00 PM
MOISURE CONTENT ASTM D2216 D2216						Analyst: PF
Percent Moisture	15.4	0.1		wt%	1	6/17/2011



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

CHAIN OF CUSTODY RECORD

AES Work Order # 110616033

Experience is the solution

A full service analytical research laboratory offering solutions to environmental concerns

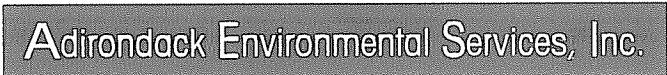
Client Name: <u>NYSDEC - 4</u>		Address: <u>1130 N. Westcott Rd, Schenectady, NY</u>	
Send Report To: <u>Sheilla Paige</u>		Project Name (Location): <u>BRANDY WINE PLUME</u>	Samplers: (Names): <u>DAN NIENBERG</u>
Client Phone No: <u>518 885 4399</u>	Client Fax No: <u>518 885 4416</u>	PO Number: <u>SPIN No 9706784</u> <u>P.N. No. 110926</u>	Samplers: (Signature): <u>[Signature]</u>

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.	Sample Type			Number of Cont's	Analysis Required
				Matrix	Comp	Grab		
<u>001</u>	<u>SB-1108 (20-22')</u>	<u>4/14/11</u>	<u>A</u>	<u>S</u>	<u>X</u>	<u>I</u>	<u>8260</u>	<u>TCL</u>
<u>002</u>	<u>SB-1109 (14-16')</u>	<u>↓</u>	<u>A</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>
<u>003</u>	<u>SB-1110 (14-16')</u>	<u>↓</u>	<u>A</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>
<u>004</u>	<u>SB-1111 (16-18')</u>	<u>↓</u>	<u>A</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>
<u>005</u>	<u>SB-1109 (22-24')</u>	<u>6/14/11</u>	<u>A</u>	<u>S</u>	<u>X</u>	<u>I</u>	<u>8260</u>	<u>↓</u>
			<u>A</u>					
			<u>P</u>					
			<u>A</u>					
			<u>P</u>					
			<u>A</u>					
			<u>P</u>					
			<u>A</u>					
			<u>P</u>					
			<u>A</u>					
			<u>P</u>					
			<u>A</u>					
			<u>P</u>					

Nothing Follows

Shipment Arrived Via: FedEx <input type="checkbox"/> UPS <input type="checkbox"/> Client <input checked="" type="checkbox"/> AES <input type="checkbox"/> Other: <u>PES</u>		CC Report To / Special Instructions/Remarks: <u>please cc: Dan Nierenberg @ PES</u>	
Turnaround Time Request: <input type="checkbox"/> 1 Day <input type="checkbox"/> 3 Day <input checked="" type="checkbox"/> Normal <input type="checkbox"/> 2 Day <input type="checkbox"/> 5 Day			
Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature)	Date/Time	
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	
Relinquished by: (Signature)	Received for Laboratory by: <u>[Signature]</u>	Date/Time <u>6-16-11 10:45A</u>	
TEMPERATURE Ambient or Chilled <u>4°C</u>	PROPERLY PRESERVED <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	RECEIVED WITHIN HOLDING TIMES <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Notes:	Notes:	Notes:	

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





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.



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

July 13, 2011

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

Work Order No: 110630033

TEL: (518) 357-2374

PO#: C200302

FAX: (518) 357-2398

Spill # / Pin # : 9706794 / H0926 / 117751

RE: Brandywine Plume
Schenectady NY

Dear Sheilla Paige:

Adirondack Environmental Services, Inc received 40 samples on 6/30/2011 for the analyses presented in the following report.

Please see case narrative for specifics on analysis.

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

Sincerely,

A handwritten signature in black ink that reads "Tara Daniels". The signature is fluid and cursive, with a large initial "T" and "D".

Tara Daniels
Laboratory Manager

ELAP#: 10709

CLIENT: NYS DEC Region 4

Date: 13-Jul-11

Project: Brandywine Plume

Lab Order: 110630033

Sample containers were supplied by Adirondack Environmental Services.

Qualifiers:	ND - Not Detected at reporting limit	S - LCS Spike recovery outside acceptable limits
	J - Analyte detected below quantitation limit	R - Duplication outside acceptable limits
	B - Analyte detected in Blank	T - Tentatively Identified Compound-Estimated
	X - Exceeds maximum contamination limit	E -Above quantitation range-Estimated
	H - Hold time exceeded	M - Matrix Spike outside acceptable limits
		C - Details are above in Case Narrative

Note : All Results are reported as wet weight unless noted

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-1108
 Work Order: 110630033 Collection Date: 6/23/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-001
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: MG
Chloromethane	< 10	10		µg/L	1	7/5/2011 3:02:00 PM
Bromomethane	< 10	10		µg/L	1	7/5/2011 3:02:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/5/2011 3:02:00 PM
Chloroethane	< 10	10		µg/L	1	7/5/2011 3:02:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
Acetone	< 10	10		µg/L	1	7/5/2011 3:02:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
2-Butanone	< 10	10		µg/L	1	7/5/2011 3:02:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/5/2011 3:02:00 PM
2-Hexanone	< 10	10		µg/L	1	7/5/2011 3:02:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/5/2011 3:02:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
Cyclohexane	< 10	10		µg/L	1	7/5/2011 3:02:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-1108

Work Order: 110630033

Collection Date: 6/23/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-001

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

VOLATILE ORGANICS-(SW5030B PREP) SW8260B

Analyst: MG

Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/5/2011 3:02:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/5/2011 3:02:00 PM
Surr: 1,2-Dichloroethane-d4	106	80.7-117		%REC	1	7/5/2011 3:02:00 PM
Surr: 4-Bromofluorobenzene	97.2	80.2-127		%REC	1	7/5/2011 3:02:00 PM
Surr: Toluene-d8	91.4	79.9-122		%REC	1	7/5/2011 3:02:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-1109
 Work Order: 110630033 Collection Date: 6/23/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-002
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/7/2011 11:44:00 AM
Bromomethane	< 10	10		µg/L	1	7/7/2011 11:44:00 AM
Vinyl chloride	< 10	10		µg/L	1	7/7/2011 11:44:00 AM
Chloroethane	< 10	10		µg/L	1	7/7/2011 11:44:00 AM
Methylene chloride	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
Acetone	< 10	10		µg/L	1	7/7/2011 11:44:00 AM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
Chloroform	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
2-Butanone	< 10	10		µg/L	1	7/7/2011 11:44:00 AM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
Trichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
Benzene	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
Bromoform	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/7/2011 11:44:00 AM
2-Hexanone	< 10	10		µg/L	1	7/7/2011 11:44:00 AM
Tetrachloroethene	180	5.0		µg/L	1	7/7/2011 11:44:00 AM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
Toluene	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
Styrene	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
o-Xylene	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/7/2011 11:44:00 AM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
Cyclohexane	< 10	10		µg/L	1	7/7/2011 11:44:00 AM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-1109

Work Order: 110630033

Collection Date: 6/23/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-002

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
1,2-Dichlorobenzene	< 5.0	5.0	S	µg/L	1	7/7/2011 11:44:00 AM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/7/2011 11:44:00 AM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 11:44:00 AM
Surr: 1,2-Dichloroethane-d4	104	80.7-117		%REC	1	7/7/2011 11:44:00 AM
Surr: 4-Bromofluorobenzene	97.7	80.2-127		%REC	1	7/7/2011 11:44:00 AM
Surr: Toluene-d8	92.3	79.9-122		%REC	1	7/7/2011 11:44:00 AM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-1111
 Work Order: 110630033 Collection Date: 6/23/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-003
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 3:57:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 3:57:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 3:57:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 3:57:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 3:57:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 3:57:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 3:57:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 3:57:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 3:57:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0	M	µg/L	1	7/6/2011 3:57:00 PM
Cyclohexane	19	10	M	µg/L	1	7/6/2011 3:57:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-1111

Work Order: 110630033

Collection Date: 6/23/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-003

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
Methyl Cyclohexane	63	5.0		µg/L	1	7/6/2011 3:57:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
Isopropylbenzene	14	5.0		µg/L	1	7/6/2011 3:57:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 3:57:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 3:57:00 PM
Surr: 1,2-Dichloroethane-d4	106	80.7-117		%REC	1	7/6/2011 3:57:00 PM
Surr: 4-Bromofluorobenzene	99.9	80.2-127		%REC	1	7/6/2011 3:57:00 PM
Surr: Toluene-d8	93.1	79.9-122		%REC	1	7/6/2011 3:57:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-B
 Work Order: 110630033 Collection Date: 6/23/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-004
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 20	20		µg/L	2	7/7/2011 11:21:00 AM
Bromomethane	< 20	20		µg/L	2	7/7/2011 11:21:00 AM
Vinyl chloride	< 20	20		µg/L	2	7/7/2011 11:21:00 AM
Chloroethane	< 20	20		µg/L	2	7/7/2011 11:21:00 AM
Methylene chloride	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
Acetone	< 20	20		µg/L	2	7/7/2011 11:21:00 AM
Carbon disulfide	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
1,1-Dichloroethene	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
1,1-Dichloroethane	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
trans-1,2-Dichloroethene	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
cis-1,2-Dichloroethene	20	10		µg/L	2	7/7/2011 11:21:00 AM
Chloroform	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
1,2-Dichloroethane	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
2-Butanone	< 20	20		µg/L	2	7/7/2011 11:21:00 AM
1,1,1-Trichloroethane	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
Carbon tetrachloride	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
Bromodichloromethane	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
1,2-Dichloropropane	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
cis-1,3-Dichloropropene	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
Trichloroethene	36	10		µg/L	2	7/7/2011 11:21:00 AM
Dibromochloromethane	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
1,1,2-Trichloroethane	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
Benzene	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
trans-1,3-Dichloropropene	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
Bromoform	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
4-Methyl-2-pentanone	< 20	20		µg/L	2	7/7/2011 11:21:00 AM
2-Hexanone	< 20	20		µg/L	2	7/7/2011 11:21:00 AM
Tetrachloroethene	270	10		µg/L	2	7/7/2011 11:21:00 AM
1,1,2,2-Tetrachloroethane	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
Toluene	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
Chlorobenzene	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
Ethylbenzene	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
Styrene	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
m,p-Xylene	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
o-Xylene	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
Methyl tert-butyl ether	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
Dichlorodifluoromethane	< 20	20		µg/L	2	7/7/2011 11:21:00 AM
Methyl Acetate	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
Cyclohexane	< 20	20		µg/L	2	7/7/2011 11:21:00 AM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-B
 Work Order: 110630033 Collection Date: 6/23/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-004
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Trichlorofluoromethane	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
Methyl Cyclohexane	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
1,2-Dibromoethane	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
1,3-Dichlorobenzene	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
Isopropylbenzene	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
1,2-Dichlorobenzene	< 10	10	S	µg/L	2	7/7/2011 11:21:00 AM
1,4-Dichlorobenzene	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
1,2-Dibromo-3-chloropropane	< 20	20		µg/L	2	7/7/2011 11:21:00 AM
1,2,4-Trichlorobenzene	< 10	10		µg/L	2	7/7/2011 11:21:00 AM
Surr: 1,2-Dichloroethane-d4	104	80.7-117		%REC	2	7/7/2011 11:21:00 AM
Surr: 4-Bromofluorobenzene	95.9	80.2-127		%REC	2	7/7/2011 11:21:00 AM
Surr: Toluene-d8	91.0	79.9-122		%REC	2	7/7/2011 11:21:00 AM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-C
 Work Order: 110630033 Collection Date: 6/23/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-005
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 4:20:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 4:20:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 4:20:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 4:20:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 4:20:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 4:20:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 4:20:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 4:20:00 PM
Tetrachloroethene	14	5.0		µg/L	1	7/6/2011 4:20:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 4:20:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 4:20:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-C

Work Order: 110630033

Collection Date: 6/23/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-005

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 4:20:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:20:00 PM
Surr: 1,2-Dichloroethane-d4	106	80.7-117		%REC	1	7/6/2011 4:20:00 PM
Surr: 4-Bromofluorobenzene	95.4	80.2-127		%REC	1	7/6/2011 4:20:00 PM
Surr: Toluene-d8	92.0	79.9-122		%REC	1	7/6/2011 4:20:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-E
 Work Order: 110630033 Collection Date: 6/23/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-006
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 4:43:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 4:43:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 4:43:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 4:43:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 4:43:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 4:43:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 4:43:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 4:43:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 4:43:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 4:43:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-E
 Work Order: 110630033 Collection Date: 6/23/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-006
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 4:43:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:43:00 PM
Surr: 1,2-Dichloroethane-d4	109	80.7-117		%REC	1	7/6/2011 4:43:00 PM
Surr: 4-Bromofluorobenzene	94.8	80.2-127		%REC	1	7/6/2011 4:43:00 PM
Surr: Toluene-d8	91.5	79.9-122		%REC	1	7/6/2011 4:43:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-G
 Work Order: 110630033 Collection Date: 6/23/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-007
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 7:23:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 7:23:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 7:23:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 7:23:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 7:23:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 7:23:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 7:23:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 7:23:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 7:23:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 7:23:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-G
 Work Order: 110630033 Collection Date: 6/23/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-007
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 7:23:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:23:00 PM
Surr: 1,2-Dichloroethane-d4	102	80.7-117		%REC	1	7/6/2011 7:23:00 PM
Surr: 4-Bromofluorobenzene	92.3	80.2-127		%REC	1	7/6/2011 7:23:00 PM
Surr: Toluene-d8	94.1	79.9-122		%REC	1	7/6/2011 7:23:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-J
 Work Order: 110630033 Collection Date: 6/23/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-008
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 7:47:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 7:47:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 7:47:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 7:47:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 7:47:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 7:47:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 7:47:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 7:47:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 7:47:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 7:47:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-J

Work Order: 110630033

Collection Date: 6/23/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-008

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 7:47:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:47:00 PM
Surr: 1,2-Dichloroethane-d4	102	80.7-117		%REC	1	7/6/2011 7:47:00 PM
Surr: 4-Bromofluorobenzene	89.9	80.2-127		%REC	1	7/6/2011 7:47:00 PM
Surr: Toluene-d8	92.1	79.9-122		%REC	1	7/6/2011 7:47:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-K
 Work Order: 110630033 Collection Date: 6/23/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-009
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 5:06:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 5:06:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 5:06:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 5:06:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 5:06:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 5:06:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 5:06:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 5:06:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 5:06:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 5:06:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-K
 Work Order: 110630033 Collection Date: 6/23/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-009
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 5:06:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 5:06:00 PM
Surr: 1,2-Dichloroethane-d4	106	80.7-117		%REC	1	7/6/2011 5:06:00 PM
Surr: 4-Bromofluorobenzene	94.1	80.2-127		%REC	1	7/6/2011 5:06:00 PM
Surr: Toluene-d8	92.6	79.9-122		%REC	1	7/6/2011 5:06:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-L
 Work Order: 110630033 Collection Date: 6/23/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-010
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/7/2011 12:08:00 PM
Bromomethane	< 10	10		µg/L	1	7/7/2011 12:08:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/7/2011 12:08:00 PM
Chloroethane	< 10	10		µg/L	1	7/7/2011 12:08:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
Acetone	< 10	10		µg/L	1	7/7/2011 12:08:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
2-Butanone	< 10	10		µg/L	1	7/7/2011 12:08:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/7/2011 12:08:00 PM
2-Hexanone	< 10	10		µg/L	1	7/7/2011 12:08:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/7/2011 12:08:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
Cyclohexane	< 10	10		µg/L	1	7/7/2011 12:08:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-L

Work Order: 110630033

Collection Date: 6/23/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-010

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
1,2-Dichlorobenzene	< 5.0	5.0	S	µg/L	1	7/7/2011 12:08:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/7/2011 12:08:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 12:08:00 PM
Surr: 1,2-Dichloroethane-d4	101	80.7-117		%REC	1	7/7/2011 12:08:00 PM
Surr: 4-Bromofluorobenzene	93.9	80.2-127		%REC	1	7/7/2011 12:08:00 PM
Surr: Toluene-d8	90.9	79.9-122		%REC	1	7/7/2011 12:08:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-N
 Work Order: 110630033 Collection Date: 6/23/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-011
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/7/2011 12:30:00 PM
Bromomethane	< 10	10		µg/L	1	7/7/2011 12:30:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/7/2011 12:30:00 PM
Chloroethane	< 10	10		µg/L	1	7/7/2011 12:30:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
Acetone	< 10	10		µg/L	1	7/7/2011 12:30:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
2-Butanone	< 10	10		µg/L	1	7/7/2011 12:30:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/7/2011 12:30:00 PM
2-Hexanone	< 10	10		µg/L	1	7/7/2011 12:30:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/7/2011 12:30:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
Cyclohexane	< 10	10		µg/L	1	7/7/2011 12:30:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4	Client Sample ID: MW-N
Work Order: 110630033	Collection Date: 6/23/2011
Reference: Brandywine Plume / Schenectady NY	Lab Sample ID: 110630033-011
PO#: C200302	Matrix: GROUNDWATER
Spill # / Pin # : 9706794 / H0926 / 117751	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
1,2-Dichlorobenzene	< 5.0	5.0	S	µg/L	1	7/7/2011 12:30:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/7/2011 12:30:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 12:30:00 PM
Surr: 1,2-Dichloroethane-d4	99.1	80.7-117		%REC	1	7/7/2011 12:30:00 PM
Surr: 4-Bromofluorobenzene	95.3	80.2-127		%REC	1	7/7/2011 12:30:00 PM
Surr: Toluene-d8	92.0	79.9-122		%REC	1	7/7/2011 12:30:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-O
 Work Order: 110630033 Collection Date: 6/23/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-012
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/7/2011 12:53:00 PM
Bromomethane	< 10	10		µg/L	1	7/7/2011 12:53:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/7/2011 12:53:00 PM
Chloroethane	< 10	10		µg/L	1	7/7/2011 12:53:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
Acetone	< 10	10		µg/L	1	7/7/2011 12:53:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
2-Butanone	< 10	10		µg/L	1	7/7/2011 12:53:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/7/2011 12:53:00 PM
2-Hexanone	< 10	10		µg/L	1	7/7/2011 12:53:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/7/2011 12:53:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
Cyclohexane	< 10	10		µg/L	1	7/7/2011 12:53:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-O

Work Order: 110630033

Collection Date: 6/23/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-012

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
1,2-Dichlorobenzene	< 5.0	5.0	S	µg/L	1	7/7/2011 12:53:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/7/2011 12:53:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 12:53:00 PM
Surr: 1,2-Dichloroethane-d4	101	80.7-117		%REC	1	7/7/2011 12:53:00 PM
Surr: 4-Bromofluorobenzene	95.9	80.2-127		%REC	1	7/7/2011 12:53:00 PM
Surr: Toluene-d8	92.1	79.9-122		%REC	1	7/7/2011 12:53:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-1110
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-013
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 11:03:00 AM
Bromomethane	< 10	10		µg/L	1	7/6/2011 11:03:00 AM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 11:03:00 AM
Chloroethane	< 10	10		µg/L	1	7/6/2011 11:03:00 AM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
Acetone	< 10	10		µg/L	1	7/6/2011 11:03:00 AM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
2-Butanone	< 10	10		µg/L	1	7/6/2011 11:03:00 AM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 11:03:00 AM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 11:03:00 AM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 11:03:00 AM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 11:03:00 AM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 11:03:00 AM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4	Client Sample ID: MW-1110
Work Order: 110630033	Collection Date: 6/24/2011
Reference: Brandywine Plume / Schenectady NY	Lab Sample ID: 110630033-013
PO#: C200302	Matrix: GROUNDWATER
Spill # / Pin # : 9706794 / H0926 / 117751	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 11:03:00 AM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:03:00 AM
Surr: 1,2-Dichloroethane-d4	103	80.7-117		%REC	1	7/6/2011 11:03:00 AM
Surr: 4-Bromofluorobenzene	90.0	80.2-127		%REC	1	7/6/2011 11:03:00 AM
Surr: Toluene-d8	95.0	79.9-122		%REC	1	7/6/2011 11:03:00 AM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-AK
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-014
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 11:31:00 AM
Bromomethane	< 10	10		µg/L	1	7/6/2011 11:31:00 AM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 11:31:00 AM
Chloroethane	< 10	10		µg/L	1	7/6/2011 11:31:00 AM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
Acetone	< 10	10		µg/L	1	7/6/2011 11:31:00 AM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
cis-1,2-Dichloroethene	70	5.0		µg/L	1	7/6/2011 11:31:00 AM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
2-Butanone	< 10	10		µg/L	1	7/6/2011 11:31:00 AM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 11:31:00 AM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
Trichloroethene	36	5.0		µg/L	1	7/6/2011 11:31:00 AM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 11:31:00 AM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 11:31:00 AM
Tetrachloroethene	110	5.0		µg/L	1	7/6/2011 11:31:00 AM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 11:31:00 AM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 11:31:00 AM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-AK

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-014

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
Methyl Cyclohexane	10	5.0		µg/L	1	7/6/2011 11:31:00 AM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 11:31:00 AM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:31:00 AM
Surr: 1,2-Dichloroethane-d4	116	80.7-117		%REC	1	7/6/2011 11:31:00 AM
Surr: 4-Bromofluorobenzene	91.2	80.2-127		%REC	1	7/6/2011 11:31:00 AM
Surr: Toluene-d8	96.8	79.9-122		%REC	1	7/6/2011 11:31:00 AM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-U
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-015
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 12:00:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 12:00:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 12:00:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 12:00:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 12:00:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 12:00:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 12:00:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 12:00:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 12:00:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 12:00:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 12:00:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-U
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-015
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 12:00:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 12:00:00 PM
Surr: 1,2-Dichloroethane-d4	113	80.7-117		%REC	1	7/6/2011 12:00:00 PM
Surr: 4-Bromofluorobenzene	90.1	80.2-127		%REC	1	7/6/2011 12:00:00 PM
Surr: Toluene-d8	97.7	79.9-122		%REC	1	7/6/2011 12:00:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-W
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-016
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 8:34:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 8:34:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 8:34:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 8:34:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 8:34:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
Chloroform	8.3	5.0		µg/L	1	7/6/2011 8:34:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 8:34:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 8:34:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 8:34:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 8:34:00 PM
Tetrachloroethene	18	5.0		µg/L	1	7/6/2011 8:34:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 8:34:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 8:34:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-W

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-016

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 8:34:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 8:34:00 PM
Surr: 1,2-Dichloroethane-d4	104	80.7-117		%REC	1	7/6/2011 8:34:00 PM
Surr: 4-Bromofluorobenzene	89.1	80.2-127		%REC	1	7/6/2011 8:34:00 PM
Surr: Toluene-d8	97.7	79.9-122		%REC	1	7/6/2011 8:34:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-X
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-017
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 12:58:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 12:58:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 12:58:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 12:58:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 12:58:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 12:58:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 12:58:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 12:58:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 12:58:00 PM
Tetrachloroethene	39	5.0		µg/L	1	7/6/2011 12:58:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 12:58:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 12:58:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-X

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-017

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 12:58:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 12:58:00 PM
Surr: 1,2-Dichloroethane-d4	104	80.7-117		%REC	1	7/6/2011 12:58:00 PM
Surr: 4-Bromofluorobenzene	88.9	80.2-127		%REC	1	7/6/2011 12:58:00 PM
Surr: Toluene-d8	96.4	79.9-122		%REC	1	7/6/2011 12:58:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-Z
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-018
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 1:27:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 1:27:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 1:27:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 1:27:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 1:27:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 1:27:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 1:27:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 1:27:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 1:27:00 PM
Tetrachloroethene	20	5.0		µg/L	1	7/6/2011 1:27:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 1:27:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 1:27:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-Z

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-018

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 1:27:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 1:27:00 PM
Surr: 1,2-Dichloroethane-d4	108	80.7-117		%REC	1	7/6/2011 1:27:00 PM
Surr: 4-Bromofluorobenzene	88.4	80.2-127		%REC	1	7/6/2011 1:27:00 PM
Surr: Toluene-d8	97.4	79.9-122		%REC	1	7/6/2011 1:27:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-AE
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-019
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 1:55:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 1:55:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 1:55:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 1:55:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 1:55:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 1:55:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 1:55:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 1:55:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 1:55:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 1:55:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 1:55:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-AE

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-019

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 1:55:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 1:55:00 PM
Surr: 1,2-Dichloroethane-d4	103	80.7-117		%REC	1	7/6/2011 1:55:00 PM
Surr: 4-Bromofluorobenzene	89.1	80.2-127		%REC	1	7/6/2011 1:55:00 PM
Surr: Toluene-d8	96.1	79.9-122		%REC	1	7/6/2011 1:55:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-AB
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-020
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 2:23:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 2:23:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 2:23:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 2:23:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 2:23:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 2:23:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 2:23:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 2:23:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 2:23:00 PM
Tetrachloroethene	15	5.0		µg/L	1	7/6/2011 2:23:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 2:23:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 2:23:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-AB

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-020

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 2:23:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 2:23:00 PM
Surr: 1,2-Dichloroethane-d4	110	80.7-117		%REC	1	7/6/2011 2:23:00 PM
Surr: 4-Bromofluorobenzene	89.7	80.2-127		%REC	1	7/6/2011 2:23:00 PM
Surr: Toluene-d8	98.9	79.9-122		%REC	1	7/6/2011 2:23:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-AF

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-021

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 2:52:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 2:52:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 2:52:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 2:52:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 2:52:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 2:52:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 2:52:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 2:52:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 2:52:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 2:52:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 2:52:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4	Client Sample ID: MW-AF
Work Order: 110630033	Collection Date: 6/24/2011
Reference: Brandywine Plume / Schenectady NY	Lab Sample ID: 110630033-021
PO#: C200302	Matrix: GROUNDWATER
Spill # / Pin # : 9706794 / H0926 / 117751	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 2:52:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 2:52:00 PM
Surr: 1,2-Dichloroethane-d4	110	80.7-117		%REC	1	7/6/2011 2:52:00 PM
Surr: 4-Bromofluorobenzene	89.2	80.2-127		%REC	1	7/6/2011 2:52:00 PM
Surr: Toluene-d8	97.1	79.9-122		%REC	1	7/6/2011 2:52:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-T
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-022
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 3:20:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 3:20:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 3:20:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 3:20:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 3:20:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
Chloroform	5.3	5.0		µg/L	1	7/6/2011 3:20:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 3:20:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 3:20:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 3:20:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 3:20:00 PM
Tetrachloroethene	20	5.0		µg/L	1	7/6/2011 3:20:00 PM
1,1,1,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 3:20:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 3:20:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-T

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-022

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 3:20:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 3:20:00 PM
Surr: 1,2-Dichloroethane-d4	105	80.7-117		%REC	1	7/6/2011 3:20:00 PM
Surr: 4-Bromofluorobenzene	90.3	80.2-127		%REC	1	7/6/2011 3:20:00 PM
Surr: Toluene-d8	96.0	79.9-122		%REC	1	7/6/2011 3:20:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-AI
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-023
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 3:49:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 3:49:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 3:49:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 3:49:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 3:49:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 3:49:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 3:49:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 3:49:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 3:49:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 3:49:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 3:49:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-AI

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-023

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 3:49:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 3:49:00 PM
Surr: 1,2-Dichloroethane-d4	105	80.7-117		%REC	1	7/6/2011 3:49:00 PM
Surr: 4-Bromofluorobenzene	88.7	80.2-127		%REC	1	7/6/2011 3:49:00 PM
Surr: Toluene-d8	98.0	79.9-122		%REC	1	7/6/2011 3:49:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-AJ
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-024
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 4:17:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 4:17:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 4:17:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 4:17:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 4:17:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 4:17:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 4:17:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 4:17:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 4:17:00 PM
Tetrachloroethene	8.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 4:17:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 4:17:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT:	NYS DEC Region 4	Client Sample ID:	MW-AJ
Work Order:	110630033	Collection Date:	6/24/2011
Reference:	Brandywine Plume / Schenectady NY	Lab Sample ID:	110630033-024
PO#:	C200302	Matrix:	GROUNDWATER
Spill # / Pin # : 9706794 / H0926 / 117751			

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 4:17:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:17:00 PM
Surr: 1,2-Dichloroethane-d4	104	80.7-117		%REC	1	7/6/2011 4:17:00 PM
Surr: 4-Bromofluorobenzene	89.6	80.2-127		%REC	1	7/6/2011 4:17:00 PM
Surr: Toluene-d8	96.5	79.9-122		%REC	1	7/6/2011 4:17:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-1006
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-025
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 4:45:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 4:45:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 4:45:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 4:45:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 4:45:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 4:45:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 4:45:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 4:45:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 4:45:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 4:45:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 4:45:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-1006

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-025

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 4:45:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 4:45:00 PM
Surr: 1,2-Dichloroethane-d4	105	80.7-117		%REC	1	7/6/2011 4:45:00 PM
Surr: 4-Bromofluorobenzene	90.4	80.2-127		%REC	1	7/6/2011 4:45:00 PM
Surr: Toluene-d8	96.4	79.9-122		%REC	1	7/6/2011 4:45:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-1005
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-026
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260E						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 5:14:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 5:14:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 5:14:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 5:14:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 5:14:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 5:14:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 5:14:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 5:14:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 5:14:00 PM
Tetrachloroethene	14	5.0		µg/L	1	7/6/2011 5:14:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 5:14:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 5:14:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-1005

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-026

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 5:14:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 5:14:00 PM
Surr: 1,2-Dichloroethane-d4	109	80.7-117		%REC	1	7/6/2011 5:14:00 PM
Surr: 4-Bromofluorobenzene	90.5	80.2-127		%REC	1	7/6/2011 5:14:00 PM
Surr: Toluene-d8	94.2	79.9-122		%REC	1	7/6/2011 5:14:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-1007
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-027
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 5:41:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 5:41:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 5:41:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 5:41:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 5:41:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 5:41:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 5:41:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 5:41:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 5:41:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 5:41:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 5:41:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-1007

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-027

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 5:41:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 5:41:00 PM
Surr: 1,2-Dichloroethane-d4	120	80.7-117	S	%REC	1	7/6/2011 5:41:00 PM
Surr: 4-Bromofluorobenzene	89.8	80.2-127		%REC	1	7/6/2011 5:41:00 PM
Surr: Toluene-d8	88.6	79.9-122		%REC	1	7/6/2011 5:41:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-H
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-028
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 6:10:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 6:10:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 6:10:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 6:10:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 6:10:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 6:10:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 6:10:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 6:10:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 6:10:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 6:10:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 6:10:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-H

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-028

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 6:10:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 6:10:00 PM
Surr: 1,2-Dichloroethane-d4	103	80.7-117		%REC	1	7/6/2011 6:10:00 PM
Surr: 4-Bromofluorobenzene	89.2	80.2-127		%REC	1	7/6/2011 6:10:00 PM
Surr: Toluene-d8	97.0	79.9-122		%REC	1	7/6/2011 6:10:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-M
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-029
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 6:39:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 6:39:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 6:39:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 6:39:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 6:39:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 6:39:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 6:39:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 6:39:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 6:39:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 6:39:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 6:39:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-M

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-029

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 6:39:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 6:39:00 PM
Surr: 1,2-Dichloroethane-d4	119	80.7-117	S	%REC	1	7/6/2011 6:39:00 PM
Surr: 4-Bromofluorobenzene	91.0	80.2-127		%REC	1	7/6/2011 6:39:00 PM
Surr: Toluene-d8	95.1	79.9-122		%REC	1	7/6/2011 6:39:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-P
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-030
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 7:08:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 7:08:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 7:08:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 7:08:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 7:08:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 7:08:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 7:08:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 7:08:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 7:08:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 7:08:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 7:08:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT:	NYS DEC Region 4	Client Sample ID:	MW-P
Work Order:	110630033	Collection Date:	6/24/2011
Reference:	Brandywine Plume / Schenectady NY	Lab Sample ID:	110630033-030
PO#: C200302		Matrix:	GROUNDWATER
Spill # / Pin # : 9706794 / H0926 / 117751			

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 7:08:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:08:00 PM
Surr: 1,2-Dichloroethane-d4	115	80.7-117		%REC	1	7/6/2011 7:08:00 PM
Surr: 4-Bromofluorobenzene	91.6	80.2-127		%REC	1	7/6/2011 7:08:00 PM
Surr: Toluene-d8	89.6	79.9-122		%REC	1	7/6/2011 7:08:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-Q
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-031
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 7:37:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 7:37:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 7:37:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 7:37:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 7:37:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
Chloroform	11	5.0		µg/L	1	7/6/2011 7:37:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 7:37:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 7:37:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 7:37:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 7:37:00 PM
Tetrachloroethene	26	5.0		µg/L	1	7/6/2011 7:37:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 7:37:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 7:37:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-Q

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-031

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 7:37:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 7:37:00 PM
Surr: 1,2-Dichloroethane-d4	104	80.7-117		%REC	1	7/6/2011 7:37:00 PM
Surr: 4-Bromofluorobenzene	91.1	80.2-127		%REC	1	7/6/2011 7:37:00 PM
Surr: Toluene-d8	93.7	79.9-122		%REC	1	7/6/2011 7:37:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-R
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-032
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 8:05:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 8:05:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 8:05:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 8:05:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 8:05:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
cis-1,2-Dichloroethene	33	5.0		µg/L	1	7/6/2011 8:05:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 8:05:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 8:05:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
Trichloroethene	77	5.0		µg/L	1	7/6/2011 8:05:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 8:05:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 8:05:00 PM
Tetrachloroethene	74	5.0		µg/L	1	7/6/2011 8:05:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 8:05:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 8:05:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-R

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-032

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 8:05:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 8:05:00 PM
Surr: 1,2-Dichloroethane-d4	104	80.7-117		%REC	1	7/6/2011 8:05:00 PM
Surr: 4-Bromofluorobenzene	89.2	80.2-127		%REC	1	7/6/2011 8:05:00 PM
Surr: Toluene-d8	95.8	79.9-122		%REC	1	7/6/2011 8:05:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-S
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-033
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 10:58:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 10:58:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 10:58:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 10:58:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 10:58:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
cis-1,2-Dichloroethene	120	5.0		µg/L	1	7/6/2011 10:58:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 10:58:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 10:58:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
Trichloroethene	28	5.0		µg/L	1	7/6/2011 10:58:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 10:58:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 10:58:00 PM
Tetrachloroethene	130	5.0		µg/L	1	7/6/2011 10:58:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 10:58:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 10:58:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-S

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-033

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 10:58:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 10:58:00 PM
Surr: 1,2-Dichloroethane-d4	107	80.7-117		%REC	1	7/6/2011 10:58:00 PM
Surr: 4-Bromofluorobenzene	87.4	80.2-127		%REC	1	7/6/2011 10:58:00 PM
Surr: Toluene-d8	98.7	79.9-122		%REC	1	7/6/2011 10:58:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4
 Work Order: 110630033
 Reference: Brandywine Plume / Schenectady NY
 PO#: C200302

Client Sample ID: MW-A
 Collection Date: 6/24/2011
 Lab Sample ID: 110630033-034
 Matrix: GROUNDWATER

Spill # / Pin #: 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 11:27:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 11:27:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 11:27:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 11:27:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 11:27:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 11:27:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 11:27:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 11:27:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 11:27:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
Toluene	51	5.0		µg/L	1	7/6/2011 11:27:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
Ethylbenzene	140	5.0		µg/L	1	7/6/2011 11:27:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
m,p-Xylene	240	5.0		µg/L	1	7/6/2011 11:27:00 PM
o-Xylene	99	5.0		µg/L	1	7/6/2011 11:27:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 11:27:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
Cyclohexane	12	10		µg/L	1	7/6/2011 11:27:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-A

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-034

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
Methyl Cyclohexane	12	5.0		µg/L	1	7/6/2011 11:27:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
Isopropylbenzene	6.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 11:27:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:27:00 PM
Surr: 1,2-Dichloroethane-d4	114	80.7-117		%REC	1	7/6/2011 11:27:00 PM
Surr: 4-Bromofluorobenzene	92.2	80.2-127		%REC	1	7/6/2011 11:27:00 PM
Surr: Toluene-d8	83.0	79.9-122		%REC	1	7/6/2011 11:27:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-1001
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-035
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/6/2011 11:56:00 PM
Bromomethane	< 10	10		µg/L	1	7/6/2011 11:56:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/6/2011 11:56:00 PM
Chloroethane	< 10	10		µg/L	1	7/6/2011 11:56:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
Acetone	< 10	10		µg/L	1	7/6/2011 11:56:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
2-Butanone	< 10	10		µg/L	1	7/6/2011 11:56:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
1,2-Dichloropropane	< 5.0	5.0	S	µg/L	1	7/6/2011 11:56:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/6/2011 11:56:00 PM
2-Hexanone	< 10	10		µg/L	1	7/6/2011 11:56:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/6/2011 11:56:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
Cyclohexane	< 10	10		µg/L	1	7/6/2011 11:56:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-1001

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-035

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/6/2011 11:56:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/6/2011 11:56:00 PM
Surr: 1,2-Dichloroethane-d4	109	80.7-117		%REC	1	7/6/2011 11:56:00 PM
Surr: 4-Bromofluorobenzene	87.1	80.2-127		%REC	1	7/6/2011 11:56:00 PM
Surr: Toluene-d8	95.6	79.9-122		%REC	1	7/6/2011 11:56:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-1002

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-036

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/7/2011 2:04:00 PM
Bromomethane	< 10	10		µg/L	1	7/7/2011 2:04:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/7/2011 2:04:00 PM
Chloroethane	< 10	10		µg/L	1	7/7/2011 2:04:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
Acetone	< 10	10		µg/L	1	7/7/2011 2:04:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
cis-1,2-Dichloroethene	6.2	5.0		µg/L	1	7/7/2011 2:04:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
2-Butanone	< 10	10		µg/L	1	7/7/2011 2:04:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/7/2011 2:04:00 PM
2-Hexanone	< 10	10		µg/L	1	7/7/2011 2:04:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/7/2011 2:04:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
Cyclohexane	< 10	10		µg/L	1	7/7/2011 2:04:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-1002
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-036
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
1,2-Dichlorobenzene	< 5.0	5.0	S	µg/L	1	7/7/2011 2:04:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/7/2011 2:04:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 2:04:00 PM
Surr: 1,2-Dichloroethane-d4	98.9	80.7-117		%REC	1	7/7/2011 2:04:00 PM
Surr: 4-Bromofluorobenzene	93.5	80.2-127		%REC	1	7/7/2011 2:04:00 PM
Surr: Toluene-d8	89.9	79.9-122		%REC	1	7/7/2011 2:04:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-1003
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-037
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/7/2011 2:28:00 PM
Bromomethane	< 10	10		µg/L	1	7/7/2011 2:28:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/7/2011 2:28:00 PM
Chloroethane	< 10	10		µg/L	1	7/7/2011 2:28:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
Acetone	< 10	10		µg/L	1	7/7/2011 2:28:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
2-Butanone	< 10	10		µg/L	1	7/7/2011 2:28:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/7/2011 2:28:00 PM
2-Hexanone	< 10	10		µg/L	1	7/7/2011 2:28:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/7/2011 2:28:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
Cyclohexane	< 10	10		µg/L	1	7/7/2011 2:28:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-1003

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-037

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
1,2-Dichlorobenzene	< 5.0	5.0	S	µg/L	1	7/7/2011 2:28:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/7/2011 2:28:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 2:28:00 PM
Surr: 1,2-Dichloroethane-d4	98.9	80.7-117		%REC	1	7/7/2011 2:28:00 PM
Surr: 4-Bromofluorobenzene	94.5	80.2-127		%REC	1	7/7/2011 2:28:00 PM
Surr: Toluene-d8	92.1	79.9-122		%REC	1	7/7/2011 2:28:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-1004
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-038
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/7/2011 3:11:00 PM
Bromomethane	< 10	10		µg/L	1	7/7/2011 3:11:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/7/2011 3:11:00 PM
Chloroethane	< 10	10		µg/L	1	7/7/2011 3:11:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
Acetone	< 10	10		µg/L	1	7/7/2011 3:11:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
2-Butanone	< 10	10		µg/L	1	7/7/2011 3:11:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/7/2011 3:11:00 PM
2-Hexanone	< 10	10		µg/L	1	7/7/2011 3:11:00 PM
Tetrachloroethene	7.1	5.0		µg/L	1	7/7/2011 3:11:00 PM
1,1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/7/2011 3:11:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
Cyclohexane	< 10	10		µg/L	1	7/7/2011 3:11:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-1004
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-038
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
1,2-Dichlorobenzene	< 5.0	5.0	S	µg/L	1	7/7/2011 3:11:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/7/2011 3:11:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 3:11:00 PM
Surr: 1,2-Dichloroethane-d4	101	80.7-117		%REC	1	7/7/2011 3:11:00 PM
Surr: 4-Bromofluorobenzene	96.6	80.2-127		%REC	1	7/7/2011 3:11:00 PM
Surr: Toluene-d8	91.3	79.9-122		%REC	1	7/7/2011 3:11:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 Client Sample ID: MW-AH
 Work Order: 110630033 Collection Date: 6/24/2011
 Reference: Brandywine Plume / Schenectady NY Lab Sample ID: 110630033-039
 PO#: C200302 Matrix: GROUNDWATER
 Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/7/2011 3:36:00 PM
Bromomethane	< 10	10		µg/L	1	7/7/2011 3:36:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/7/2011 3:36:00 PM
Chloroethane	< 10	10		µg/L	1	7/7/2011 3:36:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
Acetone	< 10	10		µg/L	1	7/7/2011 3:36:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
2-Butanone	< 10	10		µg/L	1	7/7/2011 3:36:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/7/2011 3:36:00 PM
2-Hexanone	< 10	10		µg/L	1	7/7/2011 3:36:00 PM
Tetrachloroethene	15	5.0		µg/L	1	7/7/2011 3:36:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/7/2011 3:36:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
Cyclohexane	< 10	10		µg/L	1	7/7/2011 3:36:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4	Client Sample ID: MW-AH
Work Order: 110630033	Collection Date: 6/24/2011
Reference: Brandywine Plume / Schenectady NY	Lab Sample ID: 110630033-039
PO#: C200302	Matrix: GROUNDWATER
Spill # / Pin # : 9706794 / H0926 / 117751	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
1,2-Dichlorobenzene	< 5.0	5.0	S	µg/L	1	7/7/2011 3:36:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/7/2011 3:36:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 3:36:00 PM
Surr: 1,2-Dichloroethane-d4	101	80.7-117		%REC	1	7/7/2011 3:36:00 PM
Surr: 4-Bromofluorobenzene	96.6	80.2-127		%REC	1	7/7/2011 3:36:00 PM
Surr: Toluene-d8	89.9	79.9-122		%REC	1	7/7/2011 3:36:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4 **Client Sample ID:** MW-AG
Work Order: 110630033 **Collection Date:** 6/24/2011
Reference: Brandywine Plume / Schenectady NY **Lab Sample ID:** 110630033-040
PO#: C200302 **Matrix:** GROUNDWATER
Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP) SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	7/7/2011 4:01:00 PM
Bromomethane	< 10	10		µg/L	1	7/7/2011 4:01:00 PM
Vinyl chloride	< 10	10		µg/L	1	7/7/2011 4:01:00 PM
Chloroethane	< 10	10		µg/L	1	7/7/2011 4:01:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
Acetone	< 10	10		µg/L	1	7/7/2011 4:01:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
Chloroform	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
2-Butanone	< 10	10		µg/L	1	7/7/2011 4:01:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
Benzene	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
Bromoform	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	7/7/2011 4:01:00 PM
2-Hexanone	< 10	10		µg/L	1	7/7/2011 4:01:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
Toluene	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
Styrene	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	7/7/2011 4:01:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
Cyclohexane	< 10	10		µg/L	1	7/7/2011 4:01:00 PM

Adirondack Environmental Services, Inc

Date: 13-Jul-11

CLIENT: NYS DEC Region 4

Client Sample ID: MW-AG

Work Order: 110630033

Collection Date: 6/24/2011

Reference: Brandywine Plume / Schenectady NY

Lab Sample ID: 110630033-040

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 9706794 / H0926 / 117751

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B					Analyst: ML
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
1,2-Dichlorobenzene	< 5.0	5.0	S	µg/L	1	7/7/2011 4:01:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	7/7/2011 4:01:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	7/7/2011 4:01:00 PM
Surr: 1,2-Dichloroethane-d4	100	80.7-117		%REC	1	7/7/2011 4:01:00 PM
Surr: 4-Bromofluorobenzene	96.2	80.2-127		%REC	1	7/7/2011 4:01:00 PM
Surr: Toluene-d8	90.7	79.9-122		%REC	1	7/7/2011 4:01:00 PM



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

CHAIN OF CUSTODY RECORD

AES Work Order # 110630033

Experience is the solution

A full service analytical research laboratory offering solutions to environmental concerns

Client Name: <u>NYSDEC - 4</u>		Address: <u>1130 N. Wescott Rd, Schenectady, NY</u>	
Send Report To: <u>Sheilla Paige</u>		Project Name (Location): <u>Brandywine Plume</u>	
Client Phone No: <u>518 885 4399</u>		Client Fax No: <u>518 885 4416</u>	
PO Number: <u>Sp. 11: 9706794</u>		PO Number: <u>pin: H0926</u>	
Senders: (Names) <u>Dan Nierenberg</u>		Senders: (Signature) <u>[Signature]</u>	

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.	Sample Type			Number of Cont's	Analysis Required
				Matrix	Comp	Grain		
001	MW-1108	6/23/11		GW	X		2	8260
002	MW-1109	↓						↓
003	MW-1111							
004	MW-B							
005	MW-C							
006	MW-E							
007	MW-G							
008	MW-J							
009	MW-K							
010	MW-L							
011	MW-N							
012	MW-O							
013	MW-1110		6/24/11					
014	MW-AK	↓						

Shipment Arrived Via: <input type="checkbox"/> FedEx <input type="checkbox"/> UPS <input checked="" type="checkbox"/> Client <input type="checkbox"/> AES Other: _____		CC Report To / Special Instructions/Remarks: <u>please cc: Dan Nierenberg @ PLS</u>	
Turnaround Time Request: <input type="checkbox"/> 1 Day <input type="checkbox"/> 3 Day <input checked="" type="checkbox"/> Normal <input type="checkbox"/> 2 Day <input type="checkbox"/> 5 Day		<u>please include NYSDEC EAD FORMAT</u>	
Relinquished by: (Signature) <u>[Signature]</u>		Received by: (Signature) _____	
Relinquished by: (Signature) _____		Received by: (Signature) _____	
Relinquished by: (Signature) _____		Received for Laboratory by: <u>[Signature]</u>	
Date/Time <u>6/29/11 12:40 p.m.</u>			
TEMPERATURE Ambient or <u>Chilled</u>		PROPERLY PRESERVED <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Notes: <u>2</u>		RECEIVED WITHIN HOLDING TIMES <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

WHITE - Lab Copy

YELLOW - Sampler Copy

PINK - Generator Copy



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

CHAIN OF CUSTODY RECORD

AES Work Order # 110630033

Experience is the solution

A full service analytical research laboratory offering solutions to environmental concerns

Client Name: <u>NYSDEC - 4</u>		Address: <u>1130 N. Westcott Rd, Shenandoah, NY</u>	
Send Report To: <u>Sheilla Paige</u>		Project Name (Location): <u>Brandywine Phume</u>	Samplers: (Names) <u>Dan Nierenberg</u>
Client Phone No: <u>518 885 4399</u>	Client Fax No: <u>518 885 4416</u>	PO Number: <u>SP# 9706794</u> <u>PIN: H0924</u>	Samplers: (Signature) <u>[Signature]</u>

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.	Sample Type			Number of Cont's	Analysis Required
				Matrix	Comp	Grab		
015	MW - U	6/24/11	A	GW	X	2	8260	
016	MW - W	↓	A	↓	↓	↓	↓	
017	MW - X							
018	MW - Z							
019	MW - AE							
020	MW - AB							
021	MW - AF							
022	MW - T							
023	MW - AI							
024	MW - AJ							
025	MW - 1006							
026	MW - 1005							
027	MW - 1007							
028	MW - H							

Shipment Arrived Via: FedEx <input type="checkbox"/> UPS <input type="checkbox"/> Client <input checked="" type="checkbox"/> AES <input type="checkbox"/> Other: _____		CC Report To / Special Instructions/Remarks: <u>please cc: Dan Nierenberg @ PEJ</u> <u>please include NYSDEC LRP Format</u> <u>pg 2 of 3</u>	
Turnaround Time Request: <input type="checkbox"/> 1 Day <input type="checkbox"/> 3 Day <input checked="" type="checkbox"/> Normal <input type="checkbox"/> 2 Day <input type="checkbox"/> 5 Day			
Relinquished by: (Signature) <u>[Signature]</u>		Received by: (Signature) Date/Time	
Relinquished by: (Signature) <u>[Signature]</u>		Received by: (Signature) Date/Time	
Relinquished by: (Signature) <u>[Signature]</u>		Received for Laboratory by: <u>[Signature]</u> Date/Time <u>6/29/11 12:40 PM</u>	
TEMPERATURE Ambient or <u>Chilled</u> Notes: <u>2</u>	PROPERLY PRESERVED <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Notes:	RECEIVED WITHIN HOLDING TIMES <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Notes:	

WHITE - Lab Copy

YELLOW - Sampler Copy

PINK - Generator Copy



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

CHAIN OF CUSTODY RECORD

AES Work Order # 110630033

Experience is the solution

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: SP#4: 9706794 PI# 110926	Samplers: (Signature) <i>[Signature]</i>

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.	Sample Type			Number of Cont's	Analysis Required
				Matrix	Comp	Grav		
029	MW-M	6/24/11		GW	X	2	8260	
030	MW-P	↓						
031	MW-Q							
032	MW-R							
033	MW-S							
034	MW-A							
035	MW-1001							
036	MW-1002							
037	MW-1003							
038	MW-1004							
039	MW-AH							
040	MW-AG							
Nothing Follows								

Shipment Arrived Via: FedEx UPS <input checked="" type="checkbox"/> Client AES Other: _____		CC Report To / Special Instructions/Remarks: please cc: Dan Nierenberg @ PES please include NYSDEC EDD FORMAT page 3 of 3	
Turnaround Time Request: <input type="checkbox"/> 1 Day <input type="checkbox"/> 3 Day <input checked="" type="checkbox"/> Normal <input type="checkbox"/> 2 Day <input type="checkbox"/> 5 Day			
Relinquished by: (Signature) <i>[Signature]</i>		Received by: (Signature)	Date/Time
Relinquished by: (Signature)		Received by: (Signature)	Date/Time
Relinquished by: (Signature)		Received for Laboratory by: <i>[Signature]</i>	Date/Time 6/29/11 12:40 PM
TEMPERATURE Ambient <input type="checkbox"/> or <input checked="" type="checkbox"/> Chilled Notes: <u>2</u>		PROPERLY PRESERVED <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Notes:	
RECEIVED WITHIN HOLDING TIMES <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Notes:			

WHITE - Lab Copy

YELLOW - Sampler Copy

PINK - Generator Copy





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.

ANALYTICAL REPORT

Job Number: 200-5785-1

SDG Number: 200-5785-1

Job Description: BRANDYWINE

For:

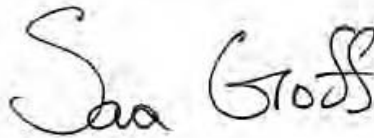
Precision Environmental Services Inc.

831 State Route 67

Ste 38

Ballston Spa, NY 12020

Attention: Mr. Dan Nierenberg



Approved for release.
Sara S Goff
Project Manager I
7/8/2011 3:38 PM

Sara S Goff
Project Manager I
sara.goff@testamericainc.com
07/08/2011

The test results in this report relate only to sample(s) as received by the laboratory. These test results were derived under a quality system that adheres to the requirements of NELAC. Pursuant to NELAC, this report may not be produced in full without written approval from the laboratory

Table of Contents

Cover Title Page	1
Data Summaries	5
Report Narrative	5
Manual Integration Summary	6
Sample Summary	9
Executive Summary	10
Method Summary	13
Method / Analyst Summary	14
Sample Datasheets	15
QC Data Summary	27
Data Qualifiers	36
QC Association Summary	37
Lab Chronicle	38
Organic Sample Data	40
Air - GC/MS VOA	40
Method TO15 Low Level	40
Data Summaries	41
Certification Summary	41
Organic Sample Data	42
Air - GC/MS VOA	42
Method TO15 Low Level	42
Method TO15 Low Level QC Summary	42
Method TO15 Low Level Sample Data	48
Standards Data	95
Method TO15 Low Level ICAL Data	95
Method TO15 Low Level CCAL Data	133

Table of Contents

Raw QC Data	143
Method TO15 Low Level Tune Data	143
Method TO15 Low Level Blank Data	151
Method TO15 Low Level LCS/LCSD Data	158
Method TO15 Low Level Run Logs	163
Method TO15 Low Level Prep Data	167
Air Canister Dilution	168
Method TO15	169
Method TO15 QC Summary	170
Method TO15 Sample Data	182
Standards Data	238
Method TO15 ICAL Data	238
Method TO15 CCAL Data	314
Raw QC Data	342
Method TO15 Tune Data	342
Method TO15 Blank Data	358
Method TO15 LCS/LCSD Data	374
Method TO15 Run Logs	386
Method TO15 Prep Data	394
Air Canister Dilution	395
Pre-shipment Certification	396
LCS Data	398
Blank Data	402
Tune Data	418
IS/RT Data	422
Clean Canister Data	426

Table of Contents

ICAL Data	441
ICV/CCV Data	461
Run Logs	473
Shipping and Receiving Documents	482
Client Chain of Custody	483
Sample Receipt Checklist	485

CASE NARRATIVE

Client: Precision Environmental Services Inc.

Project: BRANDYWINE

Report Number: 200-5785-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

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

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

RECEIPT

The samples were received on 06/29/2011; the samples arrived in good condition.

During the canister pressure check performed upon receipt it was observed that sample SV-15 was received at an elevated residual vacuum level. The analysis of this sample continued.

VOLATILE ORGANIC COMPOUNDS

Samples SV-13, SV-14, SV-15 and DUPLICATE were analyzed for Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 06/30/2011 and 07/01/2011.

Samples SV-13[22X], SV-14[3330X], SV-15[5X] and DUPLICATE[26X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the VOC analyses. All quality control parameters were within the acceptance limits.

LOW LEVEL VOLATILE ORGANIC COMPOUNDS

Sample OUTDOOR AMBIENT was analyzed for Low Level Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 06/30/2011.

Samples OUTDOOR AMBIENT[10X] and OUTDOOR AMBIENT[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the Low Level VOC analysis. All quality control parameters were within the acceptance limits.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-5785-1

SDG No.: 200-5785-1

Instrument ID: B.i Analysis Batch Number: 20738

Lab Sample ID: 200-5785-1 Client Sample ID: SV-13

Date Analyzed: 06/30/11 21:10 Lab File ID: bkc014.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Heptane	10.27	Baseline event	wrd	07/01/11 12:11
4-Ethyltoluene	16.57	Baseline event	wrd	07/01/11 12:12

Lab Sample ID: 200-5785-3 Client Sample ID: SV-15

Date Analyzed: 06/30/11 22:55 Lab File ID: bkc016.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Ethyltoluene	16.57	Baseline event	wrd	07/01/11 12:15

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-5785-1

SDG No.: 200-5785-1

Instrument ID: E.i Analysis Batch Number: 18801

Lab Sample ID: IC 200-18801/2 Client Sample ID: _____

Date Analyzed: 05/27/11 10:59 Lab File ID: ee1002.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromoform	16.66	Peak not found by the data system	klp	05/31/11 12:24

Lab Sample ID: IC 200-18801/3 Client Sample ID: _____

Date Analyzed: 05/27/11 11:54 Lab File ID: ee1003.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloroethane	11.00	Peak not found by the data system	klp	05/31/11 12:42

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-5785-1

SDG No.: 200-5785-1

Instrument ID: E.i Analysis Batch Number: 20697

Lab Sample ID: 200-5785-5 Client Sample ID: OUTDOOR AMBIENT

Date Analyzed: 06/30/11 16:49 Lab File ID: eeld008.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Ethyltoluene	17.35	Baseline event	wrd	07/01/11 10:52

Lab Sample ID: 200-5785-5 DL Client Sample ID: OUTDOOR AMBIENT DL

Date Analyzed: 06/30/11 17:38 Lab File ID: eeld009.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Ethyltoluene	17.34	Baseline event	wrd	07/01/11 10:54

SAMPLE SUMMARY

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-5785-1	SV-13	Air	06/23/2011 1335	06/29/2011 1010
200-5785-2	SV-14	Air	06/23/2011 1344	06/29/2011 1010
200-5785-3	SV-15	Air	06/23/2011 1340	06/29/2011 1010
200-5785-4	DUPLICATE	Air	06/23/2011 1335	06/29/2011 1010
200-5785-5	OUTDOOR AMBIENT	Air	06/23/2011 1348	06/29/2011 1010

EXECUTIVE SUMMARY - Detections

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
200-5785-1	SV-13				
Trichlorofluoromethane		360	4.4	ppb v/v	TO-15
Trichlorofluoromethane		2000	25	ug/m3	TO-15
Trichloroethene		6.0	4.4	ppb v/v	TO-15
Trichloroethene		32	24	ug/m3	TO-15
1,1,2-Trichloroethane		19	4.4	ppb v/v	TO-15
1,1,2-Trichloroethane		110	24	ug/m3	TO-15
Tetrachloroethene		770	4.4	ppb v/v	TO-15
Tetrachloroethene		5200	30	ug/m3	TO-15
Xylene (total)		7.5	4.4	ppb v/v	TO-15
Xylene (total)		33	19	ug/m3	TO-15
200-5785-2	SV-14				
Trichloroethene		1300	670	ppb v/v	TO-15
Trichloroethene		6900	3600	ug/m3	TO-15
Tetrachloroethene		120000	670	ppb v/v	TO-15
Tetrachloroethene		820000	4500	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
200-5785-3	SV-15				
Dichlorodifluoromethane		5.9	2.5	ppb v/v	TO-15
Dichlorodifluoromethane		29	12	ug/m3	TO-15
Trichlorofluoromethane		120	0.99	ppb v/v	TO-15
Trichlorofluoromethane		680	5.6	ug/m3	TO-15
n-Hexane		4.2	0.99	ppb v/v	TO-15
n-Hexane		15	3.5	ug/m3	TO-15
1,1,1-Trichloroethane		6.7	0.99	ppb v/v	TO-15
1,1,1-Trichloroethane		37	5.4	ug/m3	TO-15
Cyclohexane		1.2	0.99	ppb v/v	TO-15
Cyclohexane		4.2	3.4	ug/m3	TO-15
2,2,4-Trimethylpentane		2.4	0.99	ppb v/v	TO-15
2,2,4-Trimethylpentane		11	4.6	ug/m3	TO-15
Benzene		2.7	0.99	ppb v/v	TO-15
Benzene		8.7	3.2	ug/m3	TO-15
n-Heptane		5.5	0.99	ppb v/v	TO-15
n-Heptane		23	4.1	ug/m3	TO-15
Trichloroethene		2.7	0.99	ppb v/v	TO-15
Trichloroethene		14	5.3	ug/m3	TO-15
Toluene		27	0.99	ppb v/v	TO-15
Toluene		100	3.7	ug/m3	TO-15
Tetrachloroethene		100	0.99	ppb v/v	TO-15
Tetrachloroethene		710	6.7	ug/m3	TO-15
Ethylbenzene		5.3	0.99	ppb v/v	TO-15
Ethylbenzene		23	4.3	ug/m3	TO-15
m,p-Xylene		18	2.5	ppb v/v	TO-15
m,p-Xylene		78	11	ug/m3	TO-15
Xylene, o-		6.5	0.99	ppb v/v	TO-15
Xylene, o-		28	4.3	ug/m3	TO-15
Xylene (total)		24	0.99	ppb v/v	TO-15
Xylene (total)		110	4.3	ug/m3	TO-15
4-Ethyltoluene		2.3	0.99	ppb v/v	TO-15
4-Ethyltoluene		12	4.9	ug/m3	TO-15
1,3,5-Trimethylbenzene		2.2	0.99	ppb v/v	TO-15
1,3,5-Trimethylbenzene		11	4.9	ug/m3	TO-15
200-5785-4	DUPLICATE				
Trichlorofluoromethane		370	5.2	ppb v/v	TO-15
Trichlorofluoromethane		2100	29	ug/m3	TO-15
Trichloroethene		6.1	5.2	ppb v/v	TO-15
Trichloroethene		33	28	ug/m3	TO-15
Tetrachloroethene		780	5.2	ppb v/v	TO-15
Tetrachloroethene		5300	35	ug/m3	TO-15
Xylene (total)		6.8	5.2	ppb v/v	TO-15
Xylene (total)		29	22	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
200-5785-5	OUTDOOR AMBIENT				
Dichlorodifluoromethane		0.47	0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.3	0.20	ug/m3	TO15 LL
Trichlorofluoromethane		0.21	0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		1.2	0.22	ug/m3	TO15 LL
n-Hexane		1.2	0.080	ppb v/v	TO15 LL
n-Hexane		4.1	0.28	ug/m3	TO15 LL
Cyclohexane		0.51	0.040	ppb v/v	TO15 LL
Cyclohexane		1.8	0.14	ug/m3	TO15 LL
Carbon tetrachloride		0.066	0.040	ppb v/v	TO15 LL
Carbon tetrachloride		0.41	0.25	ug/m3	TO15 LL
2,2,4-Trimethylpentane		1.0	0.040	ppb v/v	TO15 LL
2,2,4-Trimethylpentane		4.8	0.19	ug/m3	TO15 LL
Benzene		0.58	0.040	ppb v/v	TO15 LL
Benzene		1.9	0.13	ug/m3	TO15 LL
n-Heptane		1.5	0.040	ppb v/v	TO15 LL
n-Heptane		6.3	0.16	ug/m3	TO15 LL
Trichloroethene		0.093	0.040	ppb v/v	TO15 LL
Trichloroethene		0.50	0.21	ug/m3	TO15 LL
Toluene		5.7	0.10	ppb v/v	TO15 LL
Toluene		21	0.38	ug/m3	TO15 LL
Tetrachloroethene		0.21	0.040	ppb v/v	TO15 LL
Tetrachloroethene		1.4	0.27	ug/m3	TO15 LL
Ethylbenzene		2.9	0.040	ppb v/v	TO15 LL
Ethylbenzene		13	0.17	ug/m3	TO15 LL
o-Xylene		4.1	0.10	ppb v/v	TO15 LL
o-Xylene		18	0.43	ug/m3	TO15 LL
4-Ethyltoluene		2.6	0.040	ppb v/v	TO15 LL
4-Ethyltoluene		13	0.20	ug/m3	TO15 LL
1,3,5-Trimethylbenzene		2.7	0.080	ppb v/v	TO15 LL
1,3,5-Trimethylbenzene		13	0.39	ug/m3	TO15 LL
m-Xylene & p-Xylene		9.6	0.20	ppb v/v	TO15 LL
m-Xylene & p-Xylene		42	0.87	ug/m3	TO15 LL
Xylenes, Total		14	0.10	ppb v/v	TO15 LL
Xylenes, Total		60	0.43	ug/m3	TO15 LL

METHOD SUMMARY

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Description	Lab Location	Method	Preparation Method
Matrix: Air			
Volatile Organic Compounds in Ambient Air	TAL BUR	EPA TO-15	
Collection via Summa Canister	TAL BUR		Summa Canister
Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)	TAL BUR	EPA TO15 LL	
Collection via Summa Canister	TAL BUR		Summa Canister

Lab References:

TAL BUR = TestAmerica Burlington

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Method	Analyst	Analyst ID
EPA TO-15	Desjardins, William R	WRD
EPA TO15 LL	Desjardins, William R	WRD

Analytical Data

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Client Sample ID: SV-13

Lab Sample ID: 200-5785-1

Date Sampled: 06/23/2011 1335

Client Matrix: Air

Date Received: 06/29/2011 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-20738	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkc014.d
Dilution:	21.9			Initial Weight/Volume:	35 mL
Analysis Date:	06/30/2011 2110			Final Weight/Volume:	200 mL
Prep Date:	06/30/2011 2110			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Dichlorodifluoromethane	11	U	11	11
1,2-Dichlorotetrafluoroethane	4.4	U	4.4	4.4
Vinyl chloride	4.4	U	4.4	4.4
1,3-Butadiene	4.4	U	4.4	4.4
Bromomethane	4.4	U	4.4	4.4
Chloroethane	11	U	11	11
Bromoethene(Vinyl Bromide)	4.4	U	4.4	4.4
Trichlorofluoromethane	360		4.4	4.4
1,1-Dichloroethene	4.4	U	4.4	4.4
3-Chloropropene	11	U	11	11
Methylene Chloride	11	U	11	11
Methyl tert-butyl ether	4.4	U	4.4	4.4
trans-1,2-Dichloroethene	4.4	U	4.4	4.4
n-Hexane	4.4	U	4.4	4.4
1,1-Dichloroethane	4.4	U	4.4	4.4
cis-1,2-Dichloroethene	4.4	U	4.4	4.4
1,2-Dichloroethene, Total	4.4	U	4.4	4.4
Chloroform	4.4	U	4.4	4.4
1,1,1-Trichloroethane	4.4	U	4.4	4.4
Cyclohexane	4.4	U	4.4	4.4
Carbon tetrachloride	4.4	U	4.4	4.4
2,2,4-Trimethylpentane	4.4	U	4.4	4.4
Benzene	4.4	U	4.4	4.4
1,2-Dichloroethane	4.4	U	4.4	4.4
n-Heptane	4.4	U	4.4	4.4
Trichloroethene	6.0		4.4	4.4
1,2-Dichloropropane	4.4	U	4.4	4.4
Bromodichloromethane	4.4	U	4.4	4.4
cis-1,3-Dichloropropene	4.4	U	4.4	4.4
Toluene	4.4	U	4.4	4.4
trans-1,3-Dichloropropene	4.4	U	4.4	4.4
1,1,2-Trichloroethane	19		4.4	4.4
Tetrachloroethene	770		4.4	4.4
Dibromochloromethane	4.4	U	4.4	4.4
Ethylbenzene	4.4	U	4.4	4.4
m,p-Xylene	11	U	11	11
Xylene, o-	4.4	U	4.4	4.4
Xylene (total)	7.5		4.4	4.4
Bromoform	4.4	U	4.4	4.4
1,1,2,2-Tetrachloroethane	4.4	U	4.4	4.4
4-Ethyltoluene	4.4	U	4.4	4.4
1,3,5-Trimethylbenzene	4.4	U	4.4	4.4
1,2-Dibromoethane	4.4	U	4.4	4.4

Analyte	Result (ug/m3)	Qualifier	RL	RL
Dichlorodifluoromethane	54	U	54	54

Analytical Data

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Client Sample ID: SV-13

Lab Sample ID: 200-5785-1

Date Sampled: 06/23/2011 1335

Client Matrix: Air

Date Received: 06/29/2011 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-20738	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkc014.d
Dilution:	21.9			Initial Weight/Volume:	35 mL
Analysis Date:	06/30/2011 2110			Final Weight/Volume:	200 mL
Prep Date:	06/30/2011 2110			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	RL	RL
1,2-Dichlorotetrafluoroethane	31	U	31	31
Vinyl chloride	11	U	11	11
1,3-Butadiene	9.7	U	9.7	9.7
Bromomethane	17	U	17	17
Chloroethane	29	U	29	29
Bromoethene(Vinyl Bromide)	19	U	19	19
Trichlorofluoromethane	2000		25	25
1,1-Dichloroethene	17	U	17	17
3-Chloropropene	34	U	34	34
Methylene Chloride	38	U	38	38
Methyl tert-butyl ether	16	U	16	16
trans-1,2-Dichloroethene	17	U	17	17
n-Hexane	15	U	15	15
1,1-Dichloroethane	18	U	18	18
cis-1,2-Dichloroethene	17	U	17	17
1,2-Dichloroethene, Total	17	U	17	17
Chloroform	21	U	21	21
1,1,1-Trichloroethane	24	U	24	24
Cyclohexane	15	U	15	15
Carbon tetrachloride	28	U	28	28
2,2,4-Trimethylpentane	20	U	20	20
Benzene	14	U	14	14
1,2-Dichloroethane	18	U	18	18
n-Heptane	18	U	18	18
Trichloroethene	32		24	24
1,2-Dichloropropane	20	U	20	20
Bromodichloromethane	29	U	29	29
cis-1,3-Dichloropropene	20	U	20	20
Toluene	17	U	17	17
trans-1,3-Dichloropropene	20	U	20	20
1,1,2-Trichloroethane	110		24	24
Tetrachloroethene	5200		30	30
Dibromochloromethane	37	U	37	37
Ethylbenzene	19	U	19	19
m,p-Xylene	48	U	48	48
Xylene, o-	19	U	19	19
Xylene (total)	33		19	19
Bromoform	45	U	45	45
1,1,2,2-Tetrachloroethane	30	U	30	30
4-Ethyltoluene	22	U	22	22
1,3,5-Trimethylbenzene	22	U	22	22
1,2-Dibromoethane	34	U	34	34

Analytical Data

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Client Sample ID: SV-14

Lab Sample ID: 200-5785-2

Date Sampled: 06/23/2011 1344

Client Matrix: Air

Date Received: 06/29/2011 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-20861	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cjvi009.d
Dilution:	3330			Initial Weight/Volume:	30 mL
Analysis Date:	07/01/2011 1717			Final Weight/Volume:	200 mL
Prep Date:	07/01/2011 1717			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Dichlorodifluoromethane	1700	U	1700	1700
1,2-Dichlorotetrafluoroethane	670	U	670	670
Vinyl chloride	670	U	670	670
1,3-Butadiene	670	U	670	670
Bromomethane	670	U	670	670
Chloroethane	1700	U	1700	1700
Bromoethene(Vinyl Bromide)	670	U	670	670
Trichlorofluoromethane	670	U	670	670
1,1-Dichloroethene	670	U	670	670
3-Chloropropene	1700	U	1700	1700
Methylene Chloride	1700	U	1700	1700
Methyl tert-butyl ether	670	U	670	670
trans-1,2-Dichloroethene	670	U	670	670
n-Hexane	670	U	670	670
1,1-Dichloroethane	670	U	670	670
cis-1,2-Dichloroethene	670	U	670	670
1,2-Dichloroethene, Total	670	U	670	670
Chloroform	670	U	670	670
1,1,1-Trichloroethane	670	U	670	670
Cyclohexane	670	U	670	670
Carbon tetrachloride	670	U	670	670
2,2,4-Trimethylpentane	670	U	670	670
Benzene	670	U	670	670
1,2-Dichloroethane	670	U	670	670
n-Heptane	670	U	670	670
Trichloroethene	1300		670	670
1,2-Dichloropropane	670	U	670	670
Bromodichloromethane	670	U	670	670
cis-1,3-Dichloropropene	670	U	670	670
Toluene	670	U	670	670
trans-1,3-Dichloropropene	670	U	670	670
1,1,2-Trichloroethane	670	U	670	670
Tetrachloroethene	120000		670	670
Dibromochloromethane	670	U	670	670
Ethylbenzene	670	U	670	670
m,p-Xylene	1700	U	1700	1700
Xylene, o-	670	U	670	670
Xylene (total)	670	U	670	670
Bromoform	670	U	670	670
1,1,2,2-Tetrachloroethane	670	U	670	670
4-Ethyltoluene	670	U	670	670
1,3,5-Trimethylbenzene	670	U	670	670
1,2-Dibromoethane	670	U	670	670

Analyte	Result (ug/m3)	Qualifier	RL	RL
Dichlorodifluoromethane	8200	U	8200	8200

Analytical Data

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Client Sample ID: SV-14

Lab Sample ID: 200-5785-2

Date Sampled: 06/23/2011 1344

Client Matrix: Air

Date Received: 06/29/2011 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-20861	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	cjvi009.d
Dilution:	3330			Initial Weight/Volume:	30 mL
Analysis Date:	07/01/2011 1717			Final Weight/Volume:	200 mL
Prep Date:	07/01/2011 1717			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	RL	RL
1,2-Dichlorotetrafluoroethane	4700	U	4700	4700
Vinyl chloride	1700	U	1700	1700
1,3-Butadiene	1500	U	1500	1500
Bromomethane	2600	U	2600	2600
Chloroethane	4400	U	4400	4400
Bromoethene(Vinyl Bromide)	2900	U	2900	2900
Trichlorofluoromethane	3700	U	3700	3700
1,1-Dichloroethene	2600	U	2600	2600
3-Chloropropene	5200	U	5200	5200
Methylene Chloride	5800	U	5800	5800
Methyl tert-butyl ether	2400	U	2400	2400
trans-1,2-Dichloroethene	2600	U	2600	2600
n-Hexane	2300	U	2300	2300
1,1-Dichloroethane	2700	U	2700	2700
cis-1,2-Dichloroethene	2600	U	2600	2600
1,2-Dichloroethene, Total	2600	U	2600	2600
Chloroform	3300	U	3300	3300
1,1,1-Trichloroethane	3600	U	3600	3600
Cyclohexane	2300	U	2300	2300
Carbon tetrachloride	4200	U	4200	4200
2,2,4-Trimethylpentane	3100	U	3100	3100
Benzene	2100	U	2100	2100
1,2-Dichloroethane	2700	U	2700	2700
n-Heptane	2700	U	2700	2700
Trichloroethene	6900	U	3600	3600
1,2-Dichloropropane	3100	U	3100	3100
Bromodichloromethane	4500	U	4500	4500
cis-1,3-Dichloropropene	3000	U	3000	3000
Toluene	2500	U	2500	2500
trans-1,3-Dichloropropene	3000	U	3000	3000
1,1,2-Trichloroethane	3600	U	3600	3600
Tetrachloroethene	820000	U	4500	4500
Dibromochloromethane	5700	U	5700	5700
Ethylbenzene	2900	U	2900	2900
m,p-Xylene	7200	U	7200	7200
Xylene, o-	2900	U	2900	2900
Xylene (total)	2900	U	2900	2900
Bromoform	6900	U	6900	6900
1,1,2,2-Tetrachloroethane	4600	U	4600	4600
4-Ethyltoluene	3300	U	3300	3300
1,3,5-Trimethylbenzene	3300	U	3300	3300
1,2-Dibromoethane	5100	U	5100	5100

Analytical Data

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Client Sample ID: SV-15

Lab Sample ID: 200-5785-3

Date Sampled: 06/23/2011 1340

Client Matrix: Air

Date Received: 06/29/2011 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-20738	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkc016.d
Dilution:	4.95			Initial Weight/Volume:	80 mL
Analysis Date:	06/30/2011 2255			Final Weight/Volume:	200 mL
Prep Date:	06/30/2011 2255			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Dichlorodifluoromethane	5.9		2.5	2.5
1,2-Dichlorotetrafluoroethane	0.99	U	0.99	0.99
Vinyl chloride	0.99	U	0.99	0.99
1,3-Butadiene	0.99	U	0.99	0.99
Bromomethane	0.99	U	0.99	0.99
Chloroethane	2.5	U	2.5	2.5
Bromoethene(Vinyl Bromide)	0.99	U	0.99	0.99
Trichlorofluoromethane	120		0.99	0.99
1,1-Dichloroethene	0.99	U	0.99	0.99
3-Chloropropene	2.5	U	2.5	2.5
Methylene Chloride	2.5	U	2.5	2.5
Methyl tert-butyl ether	0.99	U	0.99	0.99
trans-1,2-Dichloroethene	0.99	U	0.99	0.99
n-Hexane	4.2		0.99	0.99
1,1-Dichloroethane	0.99	U	0.99	0.99
cis-1,2-Dichloroethene	0.99	U	0.99	0.99
1,2-Dichloroethene, Total	0.99	U	0.99	0.99
Chloroform	0.99	U	0.99	0.99
1,1,1-Trichloroethane	6.7		0.99	0.99
Cyclohexane	1.2		0.99	0.99
Carbon tetrachloride	0.99	U	0.99	0.99
2,2,4-Trimethylpentane	2.4		0.99	0.99
Benzene	2.7		0.99	0.99
1,2-Dichloroethane	0.99	U	0.99	0.99
n-Heptane	5.5		0.99	0.99
Trichloroethene	2.7		0.99	0.99
1,2-Dichloropropane	0.99	U	0.99	0.99
Bromodichloromethane	0.99	U	0.99	0.99
cis-1,3-Dichloropropene	0.99	U	0.99	0.99
Toluene	27		0.99	0.99
trans-1,3-Dichloropropene	0.99	U	0.99	0.99
1,1,2-Trichloroethane	0.99	U	0.99	0.99
Tetrachloroethene	100		0.99	0.99
Dibromochloromethane	0.99	U	0.99	0.99
Ethylbenzene	5.3		0.99	0.99
m,p-Xylene	18		2.5	2.5
Xylene, o-	6.5		0.99	0.99
Xylene (total)	24		0.99	0.99
Bromoform	0.99	U	0.99	0.99
1,1,2,2-Tetrachloroethane	0.99	U	0.99	0.99
4-Ethyltoluene	2.3		0.99	0.99
1,3,5-Trimethylbenzene	2.2		0.99	0.99
1,2-Dibromoethane	0.99	U	0.99	0.99

Analyte	Result (ug/m3)	Qualifier	RL	RL
Dichlorodifluoromethane	29		12	12

Analytical Data

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Client Sample ID: SV-15

Lab Sample ID: 200-5785-3

Date Sampled: 06/23/2011 1340

Client Matrix: Air

Date Received: 06/29/2011 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-20738	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkc016.d
Dilution:	4.95			Initial Weight/Volume:	80 mL
Analysis Date:	06/30/2011 2255			Final Weight/Volume:	200 mL
Prep Date:	06/30/2011 2255			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	RL	RL
1,2-Dichlorotetrafluoroethane	6.9	U	6.9	6.9
Vinyl chloride	2.5	U	2.5	2.5
1,3-Butadiene	2.2	U	2.2	2.2
Bromomethane	3.8	U	3.8	3.8
Chloroethane	6.5	U	6.5	6.5
Bromoethene(Vinyl Bromide)	4.3	U	4.3	4.3
Trichlorofluoromethane	680		5.6	5.6
1,1-Dichloroethene	3.9	U	3.9	3.9
3-Chloropropene	7.7	U	7.7	7.7
Methylene Chloride	8.6	U	8.6	8.6
Methyl tert-butyl ether	3.6	U	3.6	3.6
trans-1,2-Dichloroethene	3.9	U	3.9	3.9
n-Hexane	15		3.5	3.5
1,1-Dichloroethane	4.0	U	4.0	4.0
cis-1,2-Dichloroethene	3.9	U	3.9	3.9
1,2-Dichloroethene, Total	3.9	U	3.9	3.9
Chloroform	4.8	U	4.8	4.8
1,1,1-Trichloroethane	37		5.4	5.4
Cyclohexane	4.2		3.4	3.4
Carbon tetrachloride	6.2	U	6.2	6.2
2,2,4-Trimethylpentane	11		4.6	4.6
Benzene	8.7		3.2	3.2
1,2-Dichloroethane	4.0	U	4.0	4.0
n-Heptane	23		4.1	4.1
Trichloroethene	14		5.3	5.3
1,2-Dichloropropane	4.6	U	4.6	4.6
Bromodichloromethane	6.6	U	6.6	6.6
cis-1,3-Dichloropropene	4.5	U	4.5	4.5
Toluene	100		3.7	3.7
trans-1,3-Dichloropropene	4.5	U	4.5	4.5
1,1,2-Trichloroethane	5.4	U	5.4	5.4
Tetrachloroethene	710		6.7	6.7
Dibromochloromethane	8.4	U	8.4	8.4
Ethylbenzene	23		4.3	4.3
m,p-Xylene	78		11	11
Xylene, o-	28		4.3	4.3
Xylene (total)	110		4.3	4.3
Bromoform	10	U	10	10
1,1,2,2-Tetrachloroethane	6.8	U	6.8	6.8
4-Ethyltoluene	12		4.9	4.9
1,3,5-Trimethylbenzene	11		4.9	4.9
1,2-Dibromoethane	7.6	U	7.6	7.6

Analytical Data

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Client Sample ID: DUPLICATE

Lab Sample ID: 200-5785-4

Date Sampled: 06/23/2011 1335

Client Matrix: Air

Date Received: 06/29/2011 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-20738	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkc017.d
Dilution:	25.8			Initial Weight/Volume:	34 mL
Analysis Date:	06/30/2011 2348			Final Weight/Volume:	200 mL
Prep Date:	06/30/2011 2348			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Dichlorodifluoromethane	13	U	13	13
1,2-Dichlorotetrafluoroethane	5.2	U	5.2	5.2
Vinyl chloride	5.2	U	5.2	5.2
1,3-Butadiene	5.2	U	5.2	5.2
Bromomethane	5.2	U	5.2	5.2
Chloroethane	13	U	13	13
Bromoethene(Vinyl Bromide)	5.2	U	5.2	5.2
Trichlorofluoromethane	370		5.2	5.2
1,1-Dichloroethene	5.2	U	5.2	5.2
3-Chloropropene	13	U	13	13
Methylene Chloride	13	U	13	13
Methyl tert-butyl ether	5.2	U	5.2	5.2
trans-1,2-Dichloroethene	5.2	U	5.2	5.2
n-Hexane	5.2	U	5.2	5.2
1,1-Dichloroethane	5.2	U	5.2	5.2
cis-1,2-Dichloroethene	5.2	U	5.2	5.2
1,2-Dichloroethene, Total	5.2	U	5.2	5.2
Chloroform	5.2	U	5.2	5.2
1,1,1-Trichloroethane	5.2	U	5.2	5.2
Cyclohexane	5.2	U	5.2	5.2
Carbon tetrachloride	5.2	U	5.2	5.2
2,2,4-Trimethylpentane	5.2	U	5.2	5.2
Benzene	5.2	U	5.2	5.2
1,2-Dichloroethane	5.2	U	5.2	5.2
n-Heptane	5.2	U	5.2	5.2
Trichloroethene	6.1		5.2	5.2
1,2-Dichloropropane	5.2	U	5.2	5.2
Bromodichloromethane	5.2	U	5.2	5.2
cis-1,3-Dichloropropene	5.2	U	5.2	5.2
Toluene	5.2	U	5.2	5.2
trans-1,3-Dichloropropene	5.2	U	5.2	5.2
1,1,2-Trichloroethane	5.2	U	5.2	5.2
Tetrachloroethene	780		5.2	5.2
Dibromochloromethane	5.2	U	5.2	5.2
Ethylbenzene	5.2	U	5.2	5.2
m,p-Xylene	13	U	13	13
Xylene, o-	5.2	U	5.2	5.2
Xylene (total)	6.8		5.2	5.2
Bromoform	5.2	U	5.2	5.2
1,1,2,2-Tetrachloroethane	5.2	U	5.2	5.2
4-Ethyltoluene	5.2	U	5.2	5.2
1,3,5-Trimethylbenzene	5.2	U	5.2	5.2
1,2-Dibromoethane	5.2	U	5.2	5.2

Analyte	Result (ug/m3)	Qualifier	RL	RL
Dichlorodifluoromethane	64	U	64	64

Analytical Data

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Client Sample ID: DUPLICATE

Lab Sample ID: 200-5785-4

Date Sampled: 06/23/2011 1335

Client Matrix: Air

Date Received: 06/29/2011 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-20738	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkc017.d
Dilution:	25.8			Initial Weight/Volume:	34 mL
Analysis Date:	06/30/2011 2348			Final Weight/Volume:	200 mL
Prep Date:	06/30/2011 2348			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	RL	RL
1,2-Dichlorotetrafluoroethane	36	U	36	36
Vinyl chloride	13	U	13	13
1,3-Butadiene	11	U	11	11
Bromomethane	20	U	20	20
Chloroethane	34	U	34	34
Bromoethene(Vinyl Bromide)	23	U	23	23
Trichlorofluoromethane	2100		29	29
1,1-Dichloroethene	20	U	20	20
3-Chloropropene	40	U	40	40
Methylene Chloride	45	U	45	45
Methyl tert-butyl ether	19	U	19	19
trans-1,2-Dichloroethene	20	U	20	20
n-Hexane	18	U	18	18
1,1-Dichloroethane	21	U	21	21
cis-1,2-Dichloroethene	20	U	20	20
1,2-Dichloroethene, Total	20	U	20	20
Chloroform	25	U	25	25
1,1,1-Trichloroethane	28	U	28	28
Cyclohexane	18	U	18	18
Carbon tetrachloride	32	U	32	32
2,2,4-Trimethylpentane	24	U	24	24
Benzene	16	U	16	16
1,2-Dichloroethane	21	U	21	21
n-Heptane	21	U	21	21
Trichloroethene	33		28	28
1,2-Dichloropropane	24	U	24	24
Bromodichloromethane	35	U	35	35
cis-1,3-Dichloropropene	23	U	23	23
Toluene	19	U	19	19
trans-1,3-Dichloropropene	23	U	23	23
1,1,2-Trichloroethane	28	U	28	28
Tetrachloroethene	5300		35	35
Dibromochloromethane	44	U	44	44
Ethylbenzene	22	U	22	22
m,p-Xylene	56	U	56	56
Xylene, o-	22	U	22	22
Xylene (total)	29		22	22
Bromoform	53	U	53	53
1,1,2,2-Tetrachloroethane	35	U	35	35
4-Ethyltoluene	25	U	25	25
1,3,5-Trimethylbenzene	25	U	25	25
1,2-Dibromoethane	40	U	40	40

Analytical Data

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Client Sample ID: OUTDOOR AMBIENT

Lab Sample ID: 200-5785-5

Date Sampled: 06/23/2011 1348

Client Matrix: Air

Date Received: 06/29/2011 1010

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-20697	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eeld008.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	06/30/2011 1649			Final Weight/Volume:	500 mL
Prep Date:	06/30/2011 1649			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Dichlorodifluoromethane	0.47		0.040	0.040
1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
Vinyl chloride	0.080	U	0.080	0.080
1,3-Butadiene	0.080	U	0.080	0.080
Bromomethane	0.080	U	0.080	0.080
Chloroethane	0.080	U	0.080	0.080
Bromoethene(Vinyl Bromide)	0.080	U	0.080	0.080
Trichlorofluoromethane	0.21		0.040	0.040
1,1-Dichloroethene	0.040	U	0.040	0.040
3-Chloropropene	0.080	U	0.080	0.080
Methylene Chloride	0.80	U	0.80	0.80
Methyl tert-butyl ether	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
n-Hexane	1.2		0.080	0.080
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.040	U	0.040	0.040
Chloroform	0.040	U	0.040	0.040
1,1,1-Trichloroethane	0.040	U	0.040	0.040
Cyclohexane	0.51		0.040	0.040
Carbon tetrachloride	0.066		0.040	0.040
2,2,4-Trimethylpentane	1.0		0.040	0.040
Benzene	0.58		0.040	0.040
1,2-Dichloroethane	0.080	U	0.080	0.080
n-Heptane	1.5		0.040	0.040
Trichloroethene	0.093		0.040	0.040
1,2-Dichloropropane	0.080	U	0.080	0.080
Bromodichloromethane	0.040	U	0.040	0.040
cis-1,3-Dichloropropene	0.040	U	0.040	0.040
Toluene	6.6	E	0.040	0.040
trans-1,3-Dichloropropene	0.040	U	0.040	0.040
1,1,2-Trichloroethane	0.040	U	0.040	0.040
Tetrachloroethene	0.21		0.040	0.040
Dibromochloromethane	0.040	U	0.040	0.040
1,2-Dibromoethane	0.040	U	0.040	0.040
Ethylbenzene	2.9		0.040	0.040
o-Xylene	5.0	E	0.040	0.040
Bromoform	0.040	U	0.040	0.040
1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
4-Ethyltoluene	2.6		0.040	0.040
1,3,5-Trimethylbenzene	2.7		0.080	0.080
1,2-Dichloroethene, Total	0.040	U	0.040	0.040
m-Xylene & p-Xylene	11	E	0.080	0.080
Xylenes, Total	16		0.040	0.040

Analyte	Result (ug/m3)	Qualifier	RL	RL
Dichlorodifluoromethane	2.3		0.20	0.20

Analytical Data

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Client Sample ID: OUTDOOR AMBIENT

Lab Sample ID: 200-5785-5

Date Sampled: 06/23/2011 1348

Client Matrix: Air

Date Received: 06/29/2011 1010

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-20697	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eeld008.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	06/30/2011 1649			Final Weight/Volume:	500 mL
Prep Date:	06/30/2011 1649			Injection Volume:	500 mL

Analyte	Result (ug/m3)	Qualifier	RL	RL
1,2-Dichlorotetrafluoroethane	0.28	U	0.28	0.28
Vinyl chloride	0.20	U	0.20	0.20
1,3-Butadiene	0.18	U	0.18	0.18
Bromomethane	0.31	U	0.31	0.31
Chloroethane	0.21	U	0.21	0.21
Bromoethene(Vinyl Bromide)	0.35	U	0.35	0.35
Trichlorofluoromethane	1.2		0.22	0.22
1,1-Dichloroethene	0.16	U	0.16	0.16
3-Chloropropene	0.25	U	0.25	0.25
Methylene Chloride	2.8	U	2.8	2.8
Methyl tert-butyl ether	0.14	U	0.14	0.14
trans-1,2-Dichloroethene	0.16	U	0.16	0.16
n-Hexane	4.1		0.28	0.28
1,1-Dichloroethane	0.16	U	0.16	0.16
cis-1,2-Dichloroethene	0.16	U	0.16	0.16
Chloroform	0.20	U	0.20	0.20
1,1,1-Trichloroethane	0.22	U	0.22	0.22
Cyclohexane	1.8		0.14	0.14
Carbon tetrachloride	0.41		0.25	0.25
2,2,4-Trimethylpentane	4.8		0.19	0.19
Benzene	1.9		0.13	0.13
1,2-Dichloroethane	0.32	U	0.32	0.32
n-Heptane	6.3		0.16	0.16
Trichloroethene	0.50		0.21	0.21
1,2-Dichloropropane	0.37	U	0.37	0.37
Bromodichloromethane	0.27	U	0.27	0.27
cis-1,3-Dichloropropene	0.18	U	0.18	0.18
Toluene	25	E	0.15	0.15
trans-1,3-Dichloropropene	0.18	U	0.18	0.18
1,1,2-Trichloroethane	0.22	U	0.22	0.22
Tetrachloroethene	1.4		0.27	0.27
Dibromochloromethane	0.34	U	0.34	0.34
1,2-Dibromoethane	0.31	U	0.31	0.31
Ethylbenzene	13		0.17	0.17
o-Xylene	22	E	0.17	0.17
Bromoform	0.41	U	0.41	0.41
1,1,2,2-Tetrachloroethane	0.27	U	0.27	0.27
4-Ethyltoluene	13		0.20	0.20
1,3,5-Trimethylbenzene	13		0.39	0.39
1,2-Dichloroethene, Total	0.16	U	0.16	0.16
m-Xylene & p-Xylene	50	E	0.35	0.35
Xylenes, Total	71		0.17	0.17

Analytical Data

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Client Sample ID: OUTDOOR AMBIENT

Lab Sample ID: 200-5785-5

Date Sampled: 06/23/2011 1348

Client Matrix: Air

Date Received: 06/29/2011 1010

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-20697	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eeld009.d
Dilution:	10			Initial Weight/Volume:	50 mL
Analysis Date:	06/30/2011 1738	Run Type:	DL	Final Weight/Volume:	500 mL
Prep Date:	06/30/2011 1738			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Dichlorodifluoromethane	0.46	D	0.10	0.10
1,2-Dichlorotetrafluoroethane	0.10	U	0.10	0.10
Vinyl chloride	0.20	U	0.20	0.20
1,3-Butadiene	0.20	U	0.20	0.20
Bromomethane	0.20	U	0.20	0.20
Chloroethane	0.20	U	0.20	0.20
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
Trichlorofluoromethane	0.19	D	0.10	0.10
1,1-Dichloroethene	0.10	U	0.10	0.10
3-Chloropropene	0.20	U	0.20	0.20
Methylene Chloride	2.0	U	2.0	2.0
Methyl tert-butyl ether	0.10	U	0.10	0.10
trans-1,2-Dichloroethene	0.10	U	0.10	0.10
n-Hexane	1.1	D	0.20	0.20
1,1-Dichloroethane	0.10	U	0.10	0.10
cis-1,2-Dichloroethene	0.10	U	0.10	0.10
Chloroform	0.10	U	0.10	0.10
1,1,1-Trichloroethane	0.10	U	0.10	0.10
Cyclohexane	0.52	D	0.10	0.10
Carbon tetrachloride	0.10	U	0.10	0.10
2,2,4-Trimethylpentane	1.1	D	0.10	0.10
Benzene	0.56	D	0.10	0.10
1,2-Dichloroethane	0.20	U	0.20	0.20
n-Heptane	1.6	D	0.10	0.10
Trichloroethene	0.10	D	0.10	0.10
1,2-Dichloropropane	0.20	U	0.20	0.20
Bromodichloromethane	0.10	U	0.10	0.10
cis-1,3-Dichloropropene	0.10	U	0.10	0.10
Toluene	5.7	D	0.10	0.10
trans-1,3-Dichloropropene	0.10	U	0.10	0.10
1,1,2-Trichloroethane	0.10	U	0.10	0.10
Tetrachloroethene	0.21	D	0.10	0.10
Dibromochloromethane	0.10	U	0.10	0.10
1,2-Dibromoethane	0.10	U	0.10	0.10
Ethylbenzene	2.4	D	0.10	0.10
o-Xylene	4.1	D	0.10	0.10
Bromoform	0.10	U	0.10	0.10
1,1,1,2-Tetrachloroethane	0.10	U	0.10	0.10
4-Ethyltoluene	1.9	D	0.10	0.10
1,3,5-Trimethylbenzene	2.2	D	0.20	0.20
1,2-Dichloroethene, Total	0.10	U	0.10	0.10
m-Xylene & p-Xylene	9.6	D	0.20	0.20
Xylenes, Total	14	D	0.10	0.10

Analyte	Result (ug/m3)	Qualifier	RL	RL
Dichlorodifluoromethane	2.3	D	0.49	0.49

Analytical Data

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Client Sample ID: OUTDOOR AMBIENT

Lab Sample ID: 200-5785-5

Date Sampled: 06/23/2011 1348

Client Matrix: Air

Date Received: 06/29/2011 1010

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-20697	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eeld009.d
Dilution:	10			Initial Weight/Volume:	50 mL
Analysis Date:	06/30/2011 1738	Run Type:	DL	Final Weight/Volume:	500 mL
Prep Date:	06/30/2011 1738			Injection Volume:	500 mL

Analyte	Result (ug/m3)	Qualifier	RL	RL
1,2-Dichlorotetrafluoroethane	0.70	U	0.70	0.70
Vinyl chloride	0.51	U	0.51	0.51
1,3-Butadiene	0.44	U	0.44	0.44
Bromomethane	0.78	U	0.78	0.78
Chloroethane	0.53	U	0.53	0.53
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.87
Trichlorofluoromethane	1.1	D	0.56	0.56
1,1-Dichloroethene	0.40	U	0.40	0.40
3-Chloropropene	0.63	U	0.63	0.63
Methylene Chloride	6.9	U	6.9	6.9
Methyl tert-butyl ether	0.36	U	0.36	0.36
trans-1,2-Dichloroethene	0.40	U	0.40	0.40
n-Hexane	3.9	D	0.70	0.70
1,1-Dichloroethane	0.40	U	0.40	0.40
cis-1,2-Dichloroethene	0.40	U	0.40	0.40
Chloroform	0.49	U	0.49	0.49
1,1,1-Trichloroethane	0.55	U	0.55	0.55
Cyclohexane	1.8	D	0.34	0.34
Carbon tetrachloride	0.63	U	0.63	0.63
2,2,4-Trimethylpentane	5.3	D	0.47	0.47
Benzene	1.8	D	0.32	0.32
1,2-Dichloroethane	0.81	U	0.81	0.81
n-Heptane	6.4	D	0.41	0.41
Trichloroethene	0.56	D	0.54	0.54
1,2-Dichloropropane	0.92	U	0.92	0.92
Bromodichloromethane	0.67	U	0.67	0.67
cis-1,3-Dichloropropene	0.45	U	0.45	0.45
Toluene	21	D	0.38	0.38
trans-1,3-Dichloropropene	0.45	U	0.45	0.45
1,1,2-Trichloroethane	0.55	U	0.55	0.55
Tetrachloroethene	1.4	D	0.68	0.68
Dibromochloromethane	0.85	U	0.85	0.85
1,2-Dibromoethane	0.77	U	0.77	0.77
Ethylbenzene	11	D	0.43	0.43
o-Xylene	18	D	0.43	0.43
Bromoform	1.0	U	1.0	1.0
1,1,2,2-Tetrachloroethane	0.69	U	0.69	0.69
4-Ethyltoluene	9.5	D	0.49	0.49
1,3,5-Trimethylbenzene	11	D	0.98	0.98
1,2-Dichloroethene, Total	0.40	U	0.40	0.40
m-Xylene & p-Xylene	42	D	0.87	0.87
Xylenes, Total	60	D	0.43	0.43

Quality Control Results

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Method Blank - Batch: 200-20738

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-20738/5
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 06/30/2011 1318
 Prep Date: 06/30/2011 1318
 Leach Date: N/A

Analysis Batch: 200-20738
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: B.i
 Lab File ID: bkcu005.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	RL	RL
Dichlorodifluoromethane	0.50	U	0.50	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
Vinyl chloride	0.20	U	0.20	0.20
1,3-Butadiene	0.20	U	0.20	0.20
Bromomethane	0.20	U	0.20	0.20
Chloroethane	0.50	U	0.50	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
Trichlorofluoromethane	0.20	U	0.20	0.20
1,1-Dichloroethene	0.20	U	0.20	0.20
3-Chloropropene	0.50	U	0.50	0.50
Methylene Chloride	0.50	U	0.50	0.50
Methyl tert-butyl ether	0.20	U	0.20	0.20
trans-1,2-Dichloroethene	0.20	U	0.20	0.20
n-Hexane	0.20	U	0.20	0.20
1,1-Dichloroethane	0.20	U	0.20	0.20
cis-1,2-Dichloroethene	0.20	U	0.20	0.20
1,2-Dichloroethene, Total	0.20	U	0.20	0.20
Chloroform	0.20	U	0.20	0.20
1,1,1-Trichloroethane	0.20	U	0.20	0.20
Cyclohexane	0.20	U	0.20	0.20
Carbon tetrachloride	0.20	U	0.20	0.20
2,2,4-Trimethylpentane	0.20	U	0.20	0.20
Benzene	0.20	U	0.20	0.20
1,2-Dichloroethane	0.20	U	0.20	0.20
n-Heptane	0.20	U	0.20	0.20
Trichloroethene	0.20	U	0.20	0.20
1,2-Dichloropropane	0.20	U	0.20	0.20
Bromodichloromethane	0.20	U	0.20	0.20
cis-1,3-Dichloropropene	0.20	U	0.20	0.20
Toluene	0.20	U	0.20	0.20
trans-1,3-Dichloropropene	0.20	U	0.20	0.20
1,1,2-Trichloroethane	0.20	U	0.20	0.20
Tetrachloroethene	0.20	U	0.20	0.20
Dibromochloromethane	0.20	U	0.20	0.20
Ethylbenzene	0.20	U	0.20	0.20
m,p-Xylene	0.50	U	0.50	0.50
Xylene, o-	0.20	U	0.20	0.20
Xylene (total)	0.20	U	0.20	0.20
Bromoform	0.20	U	0.20	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
4-Ethyltoluene	0.20	U	0.20	0.20
1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
1,2-Dibromoethane	0.20	U	0.20	0.20

Quality Control Results

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Method Blank - Batch: 200-20738

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-20738/5
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 06/30/2011 1318
 Prep Date: 06/30/2011 1318
 Leach Date: N/A

Analysis Batch: 200-20738
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: B.i
 Lab File ID: bkcu005.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	RL	RL
Dichlorodifluoromethane	2.5	U	2.5	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	1.4
Vinyl chloride	0.51	U	0.51	0.51
1,3-Butadiene	0.44	U	0.44	0.44
Bromomethane	0.78	U	0.78	0.78
Chloroethane	1.3	U	1.3	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.87
Trichlorofluoromethane	1.1	U	1.1	1.1
1,1-Dichloroethene	0.79	U	0.79	0.79
3-Chloropropene	1.6	U	1.6	1.6
Methylene Chloride	1.7	U	1.7	1.7
Methyl tert-butyl ether	0.72	U	0.72	0.72
trans-1,2-Dichloroethene	0.79	U	0.79	0.79
n-Hexane	0.70	U	0.70	0.70
1,1-Dichloroethane	0.81	U	0.81	0.81
cis-1,2-Dichloroethene	0.79	U	0.79	0.79
1,2-Dichloroethene, Total	0.79	U	0.79	0.79
Chloroform	0.98	U	0.98	0.98
1,1,1-Trichloroethane	1.1	U	1.1	1.1
Cyclohexane	0.69	U	0.69	0.69
Carbon tetrachloride	1.3	U	1.3	1.3
2,2,4-Trimethylpentane	0.93	U	0.93	0.93
Benzene	0.64	U	0.64	0.64
1,2-Dichloroethane	0.81	U	0.81	0.81
n-Heptane	0.82	U	0.82	0.82
Trichloroethene	1.1	U	1.1	1.1
1,2-Dichloropropane	0.92	U	0.92	0.92
Bromodichloromethane	1.3	U	1.3	1.3
cis-1,3-Dichloropropene	0.91	U	0.91	0.91
Toluene	0.75	U	0.75	0.75
trans-1,3-Dichloropropene	0.91	U	0.91	0.91
1,1,2-Trichloroethane	1.1	U	1.1	1.1
Tetrachloroethene	1.4	U	1.4	1.4
Dibromochloromethane	1.7	U	1.7	1.7
Ethylbenzene	0.87	U	0.87	0.87
m,p-Xylene	2.2	U	2.2	2.2
Xylene, o-	0.87	U	0.87	0.87
Xylene (total)	0.87	U	0.87	0.87
Bromoform	2.1	U	2.1	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	1.4
4-Ethyltoluene	0.98	U	0.98	0.98
1,3,5-Trimethylbenzene	0.98	U	0.98	0.98
1,2-Dibromoethane	1.5	U	1.5	1.5

Quality Control Results

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Lab Control Sample - Batch: 200-20738

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-20738/4	Analysis Batch: 200-20738	Instrument ID: B.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: bkcu004.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 06/30/2011 1226	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 06/30/2011 1226		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	10.1	101	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	9.70	97	70 - 130	
Vinyl chloride	10.0	10.0	100	70 - 130	
1,3-Butadiene	10.0	10.4	104	70 - 130	
Bromomethane	10.0	9.45	95	70 - 130	
Chloroethane	10.0	10.1	101	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	10.3	103	70 - 130	
Trichlorofluoromethane	10.0	9.97	100	70 - 130	
1,1-Dichloroethene	10.0	11.1	111	70 - 130	
3-Chloropropene	10.0	10.5	105	70 - 130	
Methylene Chloride	10.0	10.9	109	70 - 130	
Methyl tert-butyl ether	10.0	10.5	105	70 - 130	
trans-1,2-Dichloroethene	10.0	10.5	105	70 - 130	
n-Hexane	10.0	10.5	105	70 - 130	
1,1-Dichloroethane	10.0	10.1	101	70 - 130	
cis-1,2-Dichloroethene	10.0	10.6	106	70 - 130	
Chloroform	10.0	10.1	101	70 - 130	
1,1,1-Trichloroethane	10.0	10.6	106	70 - 130	
Cyclohexane	10.0	10.9	109	70 - 130	
Carbon tetrachloride	10.0	10.5	105	70 - 130	
2,2,4-Trimethylpentane	10.0	11.1	111	70 - 130	
Benzene	10.0	10.5	105	70 - 130	
1,2-Dichloroethane	10.0	10.6	106	70 - 130	
n-Heptane	10.0	11.1	111	70 - 130	
Trichloroethene	10.0	10.6	106	70 - 130	
1,2-Dichloropropane	10.0	10.4	104	70 - 130	
Bromodichloromethane	10.0	11.0	110	70 - 130	
cis-1,3-Dichloropropene	10.0	10.8	108	70 - 130	
Toluene	10.0	10.4	104	70 - 130	
trans-1,3-Dichloropropene	10.0	10.8	108	70 - 130	
1,1,2-Trichloroethane	10.0	9.81	98	70 - 130	
Tetrachloroethene	10.0	10.5	105	70 - 130	
Dibromochloromethane	10.0	11.2	112	70 - 130	
Ethylbenzene	10.0	10.4	104	70 - 130	
m,p-Xylene	20.0	21.2	106	70 - 130	
Xylene, o-	10.0	10.5	106	70 - 130	
Bromoform	10.0	11.5	115	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.80	98	70 - 130	
4-Ethyltoluene	10.0	10.9	109	70 - 130	
1,3,5-Trimethylbenzene	10.0	10.4	104	70 - 130	
1,2-Dibromoethane	10.0	10.3	103	70 - 130	

Quality Control Results

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Method Blank - Batch: 200-20861

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-20861/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 07/01/2011 1259
 Prep Date: 07/01/2011 1259
 Leach Date: N/A

Analysis Batch: 200-20861
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: C.i
 Lab File ID: cjvi004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	RL	RL
Dichlorodifluoromethane	0.50	U	0.50	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
Vinyl chloride	0.20	U	0.20	0.20
1,3-Butadiene	0.20	U	0.20	0.20
Bromomethane	0.20	U	0.20	0.20
Chloroethane	0.50	U	0.50	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
Trichlorofluoromethane	0.20	U	0.20	0.20
1,1-Dichloroethene	0.20	U	0.20	0.20
3-Chloropropene	0.50	U	0.50	0.50
Methylene Chloride	0.50	U	0.50	0.50
Methyl tert-butyl ether	0.20	U	0.20	0.20
trans-1,2-Dichloroethene	0.20	U	0.20	0.20
n-Hexane	0.20	U	0.20	0.20
1,1-Dichloroethane	0.20	U	0.20	0.20
cis-1,2-Dichloroethene	0.20	U	0.20	0.20
1,2-Dichloroethene, Total	0.20	U	0.20	0.20
Chloroform	0.20	U	0.20	0.20
1,1,1-Trichloroethane	0.20	U	0.20	0.20
Cyclohexane	0.20	U	0.20	0.20
Carbon tetrachloride	0.20	U	0.20	0.20
2,2,4-Trimethylpentane	0.20	U	0.20	0.20
Benzene	0.20	U	0.20	0.20
1,2-Dichloroethane	0.20	U	0.20	0.20
n-Heptane	0.20	U	0.20	0.20
Trichloroethene	0.20	U	0.20	0.20
1,2-Dichloropropane	0.20	U	0.20	0.20
Bromodichloromethane	0.20	U	0.20	0.20
cis-1,3-Dichloropropene	0.20	U	0.20	0.20
Toluene	0.20	U	0.20	0.20
trans-1,3-Dichloropropene	0.20	U	0.20	0.20
1,1,2-Trichloroethane	0.20	U	0.20	0.20
Tetrachloroethene	0.20	U	0.20	0.20
Dibromochloromethane	0.20	U	0.20	0.20
Ethylbenzene	0.20	U	0.20	0.20
m,p-Xylene	0.50	U	0.50	0.50
Xylene, o-	0.20	U	0.20	0.20
Xylene (total)	0.20	U	0.20	0.20
Bromoform	0.20	U	0.20	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
4-Ethyltoluene	0.20	U	0.20	0.20
1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
1,2-Dibromoethane	0.20	U	0.20	0.20

Quality Control Results

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Method Blank - Batch: 200-20861

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-20861/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 07/01/2011 1259
 Prep Date: 07/01/2011 1259
 Leach Date: N/A

Analysis Batch: 200-20861
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: C.i
 Lab File ID: cjvi004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	RL	RL
Dichlorodifluoromethane	2.5	U	2.5	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	1.4
Vinyl chloride	0.51	U	0.51	0.51
1,3-Butadiene	0.44	U	0.44	0.44
Bromomethane	0.78	U	0.78	0.78
Chloroethane	1.3	U	1.3	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.87
Trichlorofluoromethane	1.1	U	1.1	1.1
1,1-Dichloroethene	0.79	U	0.79	0.79
3-Chloropropene	1.6	U	1.6	1.6
Methylene Chloride	1.7	U	1.7	1.7
Methyl tert-butyl ether	0.72	U	0.72	0.72
trans-1,2-Dichloroethene	0.79	U	0.79	0.79
n-Hexane	0.70	U	0.70	0.70
1,1-Dichloroethane	0.81	U	0.81	0.81
cis-1,2-Dichloroethene	0.79	U	0.79	0.79
1,2-Dichloroethene, Total	0.79	U	0.79	0.79
Chloroform	0.98	U	0.98	0.98
1,1,1-Trichloroethane	1.1	U	1.1	1.1
Cyclohexane	0.69	U	0.69	0.69
Carbon tetrachloride	1.3	U	1.3	1.3
2,2,4-Trimethylpentane	0.93	U	0.93	0.93
Benzene	0.64	U	0.64	0.64
1,2-Dichloroethane	0.81	U	0.81	0.81
n-Heptane	0.82	U	0.82	0.82
Trichloroethene	1.1	U	1.1	1.1
1,2-Dichloropropane	0.92	U	0.92	0.92
Bromodichloromethane	1.3	U	1.3	1.3
cis-1,3-Dichloropropene	0.91	U	0.91	0.91
Toluene	0.75	U	0.75	0.75
trans-1,3-Dichloropropene	0.91	U	0.91	0.91
1,1,2-Trichloroethane	1.1	U	1.1	1.1
Tetrachloroethene	1.4	U	1.4	1.4
Dibromochloromethane	1.7	U	1.7	1.7
Ethylbenzene	0.87	U	0.87	0.87
m,p-Xylene	2.2	U	2.2	2.2
Xylene, o-	0.87	U	0.87	0.87
Xylene (total)	0.87	U	0.87	0.87
Bromoform	2.1	U	2.1	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	1.4
4-Ethyltoluene	0.98	U	0.98	0.98
1,3,5-Trimethylbenzene	0.98	U	0.98	0.98
1,2-Dibromoethane	1.5	U	1.5	1.5

Quality Control Results

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Lab Control Sample - Batch: 200-20861

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-20861/3	Analysis Batch: 200-20861	Instrument ID: C.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: cjvi003.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 07/01/2011 1207	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 07/01/2011 1207		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	12.4	124	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	10.7	107	70 - 130	
Vinyl chloride	10.0	9.82	98	70 - 130	
1,3-Butadiene	10.0	10.0	100	70 - 130	
Bromomethane	10.0	9.16	92	70 - 130	
Chloroethane	10.0	9.06	91	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	9.68	97	70 - 130	
Trichlorofluoromethane	10.0	11.3	113	70 - 130	
1,1-Dichloroethene	10.0	10.2	102	70 - 130	
3-Chloropropene	10.0	10.1	101	70 - 130	
Methylene Chloride	10.0	10.8	108	70 - 130	
Methyl tert-butyl ether	10.0	10.3	103	70 - 130	
trans-1,2-Dichloroethene	10.0	10.1	101	70 - 130	
n-Hexane	10.0	9.41	94	70 - 130	
1,1-Dichloroethane	10.0	10.0	100	70 - 130	
cis-1,2-Dichloroethene	10.0	9.89	99	70 - 130	
Chloroform	10.0	10.5	105	70 - 130	
1,1,1-Trichloroethane	10.0	11.4	114	70 - 130	
Cyclohexane	10.0	9.70	97	70 - 130	
Carbon tetrachloride	10.0	11.6	116	70 - 130	
2,2,4-Trimethylpentane	10.0	9.63	96	70 - 130	
Benzene	10.0	9.40	94	70 - 130	
1,2-Dichloroethane	10.0	11.6	116	70 - 130	
n-Heptane	10.0	9.78	98	70 - 130	
Trichloroethene	10.0	10.1	101	70 - 130	
1,2-Dichloropropane	10.0	9.35	93	70 - 130	
Bromodichloromethane	10.0	11.4	114	70 - 130	
cis-1,3-Dichloropropene	10.0	9.94	99	70 - 130	
Toluene	10.0	9.25	92	70 - 130	
trans-1,3-Dichloropropene	10.0	10.3	103	70 - 130	
1,1,2-Trichloroethane	10.0	8.88	89	70 - 130	
Tetrachloroethene	10.0	10.0	100	70 - 130	
Dibromochloromethane	10.0	11.1	111	70 - 130	
Ethylbenzene	10.0	9.82	98	70 - 130	
m,p-Xylene	20.0	18.8	94	70 - 130	
Xylene, o-	10.0	9.19	92	70 - 130	
Bromoform	10.0	11.3	113	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	8.55	85	70 - 130	
4-Ethyltoluene	10.0	9.99	100	70 - 130	
1,3,5-Trimethylbenzene	10.0	9.55	96	70 - 130	
1,2-Dibromoethane	10.0	9.40	94	70 - 130	

Quality Control Results

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Method Blank - Batch: 200-20697

Method: TO15 LL

Preparation: Summa Canister

Lab Sample ID: MB 200-20697/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 06/30/2011 1254
 Prep Date: 06/30/2011 1254
 Leach Date: N/A

Analysis Batch: 200-20697
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: E.i
 Lab File ID: eeld004.d
 Initial Weight/Volume: 500 mL
 Final Weight/Volume: 500 mL
 Injection Volume: 500 mL

Analyte	Result	Qual	RL	RL
Dichlorodifluoromethane	0.010	U	0.010	0.010
1,2-Dichlorotetrafluoroethane	0.010	U	0.010	0.010
Vinyl chloride	0.020	U	0.020	0.020
1,3-Butadiene	0.020	U	0.020	0.020
Bromomethane	0.020	U	0.020	0.020
Chloroethane	0.020	U	0.020	0.020
Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
Trichlorofluoromethane	0.010	U	0.010	0.010
1,1-Dichloroethene	0.010	U	0.010	0.010
3-Chloropropene	0.020	U	0.020	0.020
Methylene Chloride	0.20	U	0.20	0.20
Methyl tert-butyl ether	0.010	U	0.010	0.010
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
n-Hexane	0.020	U	0.020	0.020
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.010	U	0.010	0.010
Chloroform	0.010	U	0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Cyclohexane	0.010	U	0.010	0.010
Carbon tetrachloride	0.010	U	0.010	0.010
2,2,4-Trimethylpentane	0.010	U	0.010	0.010
Benzene	0.010	U	0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
n-Heptane	0.010	U	0.010	0.010
Trichloroethene	0.010	U	0.010	0.010
1,2-Dichloropropane	0.020	U	0.020	0.020
Bromodichloromethane	0.010	U	0.010	0.010
cis-1,3-Dichloropropene	0.010	U	0.010	0.010
Toluene	0.010	U	0.010	0.010
trans-1,3-Dichloropropene	0.010	U	0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.010	U	0.010	0.010
Dibromochloromethane	0.010	U	0.010	0.010
1,2-Dibromoethane	0.010	U	0.010	0.010
Ethylbenzene	0.010	U	0.010	0.010
o-Xylene	0.010	U	0.010	0.010
Bromoform	0.010	U	0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
4-Ethyltoluene	0.010	U	0.010	0.010
1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
1,2-Dichloroethene, Total	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.020	U	0.020	0.020
Xylenes, Total	0.010	U	0.010	0.010

Quality Control Results

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Method Blank - Batch: 200-20697

Method: TO15 LL

Preparation: Summa Canister

Lab Sample ID: MB 200-20697/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 06/30/2011 1254
 Prep Date: 06/30/2011 1254
 Leach Date: N/A

Analysis Batch: 200-20697
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: E.i
 Lab File ID: eeld004.d
 Initial Weight/Volume: 500 mL
 Final Weight/Volume: 500 mL
 Injection Volume: 500 mL

Analyte	Result	Qual	RL	RL
Dichlorodifluoromethane	0.049	U	0.049	0.049
1,2-Dichlorotetrafluoroethane	0.070	U	0.070	0.070
Vinyl chloride	0.051	U	0.051	0.051
1,3-Butadiene	0.044	U	0.044	0.044
Bromomethane	0.078	U	0.078	0.078
Chloroethane	0.053	U	0.053	0.053
Bromoethene(Vinyl Bromide)	0.087	U	0.087	0.087
Trichlorofluoromethane	0.056	U	0.056	0.056
1,1-Dichloroethene	0.040	U	0.040	0.040
3-Chloropropene	0.063	U	0.063	0.063
Methylene Chloride	0.69	U	0.69	0.69
Methyl tert-butyl ether	0.036	U	0.036	0.036
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
n-Hexane	0.070	U	0.070	0.070
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.040	U	0.040	0.040
Chloroform	0.049	U	0.049	0.049
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Cyclohexane	0.034	U	0.034	0.034
Carbon tetrachloride	0.063	U	0.063	0.063
2,2,4-Trimethylpentane	0.047	U	0.047	0.047
Benzene	0.032	U	0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
n-Heptane	0.041	U	0.041	0.041
Trichloroethene	0.054	U	0.054	0.054
1,2-Dichloropropane	0.092	U	0.092	0.092
Bromodichloromethane	0.067	U	0.067	0.067
cis-1,3-Dichloropropene	0.045	U	0.045	0.045
Toluene	0.038	U	0.038	0.038
trans-1,3-Dichloropropene	0.045	U	0.045	0.045
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.068	U	0.068	0.068
Dibromochloromethane	0.085	U	0.085	0.085
1,2-Dibromoethane	0.077	U	0.077	0.077
Ethylbenzene	0.043	U	0.043	0.043
o-Xylene	0.043	U	0.043	0.043
Bromoform	0.10	U	0.10	0.10
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
4-Ethyltoluene	0.049	U	0.049	0.049
1,3,5-Trimethylbenzene	0.098	U	0.098	0.098
1,2-Dichloroethene, Total	0.040	U	0.040	0.040
m-Xylene & p-Xylene	0.087	U	0.087	0.087
Xylenes, Total	0.043	U	0.043	0.043

Quality Control Results

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Lab Control Sample - Batch: 200-20697

Method: TO15 LL

Preparation: Summa Canister

Lab Sample ID: LCS 200-20697/3	Analysis Batch: 200-20697	Instrument ID: E.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: eeld003.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 500 mL
Analysis Date: 06/30/2011 1200	Units: ppb v/v	Final Weight/Volume: 500 mL
Prep Date: 06/30/2011 1200		Injection Volume: 500 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	0.200	0.190	95	70 - 130	
1,2-Dichlorotetrafluoroethane	0.200	0.180	90	70 - 130	
Vinyl chloride	0.200	0.188	94	70 - 130	
1,3-Butadiene	0.200	0.176	88	70 - 130	
Bromomethane	0.200	0.172	86	70 - 130	
Chloroethane	0.200	0.162	81	70 - 130	
Bromoethene(Vinyl Bromide)	0.200	0.161	81	70 - 130	
Trichlorofluoromethane	0.200	0.160	80	70 - 130	
1,1-Dichloroethene	0.200	0.175	88	70 - 130	
3-Chloropropene	0.200	0.155	78	70 - 130	
Methylene Chloride	0.200	0.218	109	70 - 130	
Methyl tert-butyl ether	0.200	0.192	96	70 - 130	
trans-1,2-Dichloroethene	0.200	0.158	79	70 - 130	
n-Hexane	0.200	0.159	80	70 - 130	
1,1-Dichloroethane	0.200	0.167	84	70 - 130	
cis-1,2-Dichloroethene	0.200	0.176	88	70 - 130	
Chloroform	0.200	0.170	85	70 - 130	
1,1,1-Trichloroethane	0.200	0.165	83	70 - 130	
Cyclohexane	0.200	0.169	84	70 - 130	
Carbon tetrachloride	0.200	0.162	81	70 - 130	
2,2,4-Trimethylpentane	0.200	0.170	85	70 - 130	
Benzene	0.200	0.168	84	70 - 130	
1,2-Dichloroethane	0.200	0.177	89	70 - 130	
n-Heptane	0.200	0.168	84	70 - 130	
Trichloroethene	0.200	0.160	80	70 - 130	
1,2-Dichloropropane	0.200	0.190	95	70 - 130	
Bromodichloromethane	0.200	0.183	92	70 - 130	
cis-1,3-Dichloropropene	0.200	0.187	94	70 - 130	
Toluene	0.200	0.169	85	70 - 130	
trans-1,3-Dichloropropene	0.200	0.183	92	70 - 130	
1,1,2-Trichloroethane	0.200	0.179	90	70 - 130	
Tetrachloroethene	0.200	0.169	85	70 - 130	
Dibromochloromethane	0.200	0.190	95	70 - 130	
1,2-Dibromoethane	0.200	0.178	89	70 - 130	
Ethylbenzene	0.200	0.194	97	70 - 130	
o-Xylene	0.200	0.198	99	70 - 130	
Bromoform	0.200	0.194	97	70 - 130	
1,1,2,2-Tetrachloroethane	0.200	0.200	100	70 - 130	
4-Ethyltoluene	0.200	0.238	119	70 - 130	
1,3,5-Trimethylbenzene	0.200	0.232	116	70 - 130	
m-Xylene & p-Xylene	0.399	0.401	101	70 - 130	

DATA REPORTING QUALIFIERS

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

Lab Section	Qualifier	Description
Air - GC/MS VOA	U	Indicates the analyte was analyzed for but not detected.
	E	Result exceeded calibration range.
	D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.

Quality Control Results

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

Sdg Number: 200-5785-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-20697					
LCS 200-20697/3	Lab Control Sample	T	Air	TO15 LL	
MB 200-20697/4	Method Blank	T	Air	TO15 LL	
200-5785-5	OUTDOOR AMBIENT	T	Air	TO15 LL	
200-5785-5DL	OUTDOOR AMBIENT	T	Air	TO15 LL	
Analysis Batch:200-20738					
LCS 200-20738/4	Lab Control Sample	T	Air	TO-15	
MB 200-20738/5	Method Blank	T	Air	TO-15	
200-5785-1	SV-13	T	Air	TO-15	
200-5785-3	SV-15	T	Air	TO-15	
200-5785-4	DUPLICATE	T	Air	TO-15	
Analysis Batch:200-20861					
LCS 200-20861/3	Lab Control Sample	T	Air	TO-15	
MB 200-20861/4	Method Blank	T	Air	TO-15	
200-5785-2	SV-14	T	Air	TO-15	

Report Basis

T = Total

Quality Control Results

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1
SDG: 200-5785-1

Laboratory Chronicle

Lab ID: 200-5785-1

Client ID: SV-13

Sample Date/Time: 06/23/2011 13:35 Received Date/Time: 06/29/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-5785-A-1		200-20738		06/30/2011 21:10	21.9	TAL BUR	WRD
A:TO-15	200-5785-A-1		200-20738		06/30/2011 21:10	21.9	TAL BUR	WRD

Lab ID: 200-5785-2

Client ID: SV-14

Sample Date/Time: 06/23/2011 13:44 Received Date/Time: 06/29/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-5785-A-2		200-20861		07/01/2011 17:17	3330	TAL BUR	WRD
A:TO-15	200-5785-A-2		200-20861		07/01/2011 17:17	3330	TAL BUR	WRD

Lab ID: 200-5785-3

Client ID: SV-15

Sample Date/Time: 06/23/2011 13:40 Received Date/Time: 06/29/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-5785-A-3		200-20738		06/30/2011 22:55	4.95	TAL BUR	WRD
A:TO-15	200-5785-A-3		200-20738		06/30/2011 22:55	4.95	TAL BUR	WRD

Lab ID: 200-5785-4

Client ID: DUPLICATE

Sample Date/Time: 06/23/2011 13:35 Received Date/Time: 06/29/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-5785-A-4		200-20738		06/30/2011 23:48	25.8	TAL BUR	WRD
A:TO-15	200-5785-A-4		200-20738		06/30/2011 23:48	25.8	TAL BUR	WRD

Lab ID: 200-5785-5

Client ID: OUTDOOR AMBIENT

Sample Date/Time: 06/23/2011 13:48 Received Date/Time: 06/29/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-5785-A-5		200-20697		06/30/2011 16:49	4	TAL BUR	WRD
A:TO15 LL	200-5785-A-5		200-20697		06/30/2011 16:49	4	TAL BUR	WRD
P:Summa Canister	200-5785-A-5	DL	200-20697		06/30/2011 17:38	10	TAL BUR	WRD
A:TO15 LL	200-5785-A-5	DL	200-20697		06/30/2011 17:38	10	TAL BUR	WRD

Quality Control Results

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1
SDG: 200-5785-1

Laboratory Chronicle

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	MB 200-20738/5		200-20738		06/30/2011 13:18	1	TAL BUR	WRD
A:TO-15	MB 200-20738/5		200-20738		06/30/2011 13:18	1	TAL BUR	WRD
P:Summa Canister	MB 200-20861/4		200-20861		07/01/2011 12:59	1	TAL BUR	WRD
A:TO-15	MB 200-20861/4		200-20861		07/01/2011 12:59	1	TAL BUR	WRD
P:Summa Canister	MB 200-20697/4		200-20697		06/30/2011 12:54	1	TAL BUR	WRD
A:TO15 LL	MB 200-20697/4		200-20697		06/30/2011 12:54	1	TAL BUR	WRD

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	LCS 200-20738/4		200-20738		06/30/2011 12:26	1	TAL BUR	WRD
A:TO-15	LCS 200-20738/4		200-20738		06/30/2011 12:26	1	TAL BUR	WRD
P:Summa Canister	LCS 200-20861/3		200-20861		07/01/2011 12:07	1	TAL BUR	WRD
A:TO-15	LCS 200-20861/3		200-20861		07/01/2011 12:07	1	TAL BUR	WRD
P:Summa Canister	LCS 200-20697/3		200-20697		06/30/2011 12:00	1	TAL BUR	WRD
A:TO15 LL	LCS 200-20697/3		200-20697		06/30/2011 12:00	1	TAL BUR	WRD

Lab References:

TAL BUR = TestAmerica Burlington

TestAmerica Burlington

30 Community Drive

Suite 11

South Burlington, VT 05403

phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information		Project Manager: DAN NIERENBERG		Samples Collected By: D. NIERENBERG		1 of 1 COCs	
Company: PRECISION ENVIRONMENTAL		Phone: 518-365-1127		EPA 25C		Other (Please specify in notes section)	
Address: 831 Route 67, Lot 38		Email: DNIERENBERG@PRECISIONENVIRONMENTAL.NY.COM		EPA 3C		Landfill Gas	
City/State/Zip: BALSTON SPA, NY 12020		Site Contact:		TO-14A		Ambient Air	
Phone: 518-885-4349		TA Contact:		TO-15		Indoor Air	
FAX: 518-885-4416		Analysis Turnaround Time		Canister ID		Sample Type	
Project Name: BRANDYWINE		(Standard (Specify))		Flow Controller ID		Other (Please specify in notes section)	
Site:		Rush (Specify)		Canister Vacuum in Field, "Hg (Start)		ASTM D-1946	
PO #				Canister Vacuum in Field, "Hg (Stop)		EPA 25C	
Sample Identification		Time Start		Time Stop		EPA 3C	
SV-13		11:35		13:35		TO-14A	
SV-14		11:45		13:44		TO-15	
SV-15		11:40		13:40		TO-15	
Duplicate		11:35		13:35		TO-15	
Outdoor Ambient		11:51		13:48		TO-15	
Page 484							
Page 485							

Temperature (Fahrenheit)	
Interior	Ambient
Start	N/A
Stop	66°
Pressure (inches of Hg)	
Interior	Ambient
Start	N/A
Stop	29.79
	29.78

Special Instructions/QC Requirements & Comments:
 please report as Category B Deliverables Data Package and MSDBC EDD format

Samples Shipped by:	Date/Time:	Samples Received by:	Date/Time:
<i>[Signature]</i>	6/24/11 17:36	<i>[Signature]</i>	6/29/11 1010
Samples Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

Lab Use Only	Shipper Name:	Opened by:	Condition:

Login Sample Receipt Checklist

Client: Precision Environmental Services Inc.

Job Number: 200-5785-1

SDG Number: 200-5785-1

Login Number: 5785

List Source: TestAmerica Burlington

List Number: 1

Creator: Keeton, Jamie

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	AMBIENT
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.