

Construction Completion Report Interim Remedial Measure

Former Albany Laboratories Site Albany, New York

*NYSDEC Site No. 401061
CHA Project Number: 21645.1000.31000*

Prepared for:

*Columbia Eagle LLC
302 Washington Avenue Extension
Albany, New York 12203*

Prepared by:



*III Winners Circle
Albany, New York 12205
(518) 453-4500*

October 3, 2011

QUALIFICATIONS AND CERTIFICATION STATEMENT

This Construction Completion Report was compiled by qualified environmental scientists and engineers employed by CHA.

Report Completed By:



Seth H. Fowler, CHMM
Senior Scientist-Associate

Report Reviewed By:



Christopher Burns, PhD, P.G.
Senior Principal Scientist

Report Reviewed By:



Michael Hollowood, PE, Partner
Senior Principal Engineer - Engineer of Record

TABLE OF CONTENTS

1.0	INTRODUCTION.....	1
1.1	SITE LOCATION AND DESCRIPTION.....	1
1.2	SITE CLASSIFICATION.....	1
2.0	INTERIM REMEDIAL MEASURE ACTIVITIES.....	2
2.1	SITE ACCESS AND SAFETY CONTROLS.....	2
2.2	FUGITIVE DUST CONTROL AND AIR MONITORING	2
2.3	EXCAVATION OF CONTAMINATED SOIL	2
2.3.1	Over Excavation Areas	4
2.3.2	Off -Site Disposal of Contaminated Soil	4
2.4	RESTORATION ACTIVITIES/FINAL COVER	5
3.0	CONFIRMATORY AND DOCUMENTATION SAMPLING	6
4.0	DATA USABILITY	7
5.0	CONSTRUCTION COMPLETION CERTIFICATION	8

FIGURES

Figure 1	Site Location Plan
Figure 2	Proposed Limits of Contaminated Soil Removal
Figure 3	Final Limits of Contaminated Soil Removal

TABLES

Table 1	Confirmatory and Documentation Sample Summary
---------	---

APPENDICES

Appendix A	Air Monitoring Logs
Appendix B	Waste Characterization Data - Colonie Landfill
Appendix C	Weight Slips – Colonie Landfill
Appendix D	CWM Model City – Waste Characterization Data
Appendix E	CWM Model City – Uniform Hazardous Waste Manifest
Appendix F	DUSR Report

1.0 INTRODUCTION

CHA, on behalf of Columbia Eagle, LLC, has prepared this Construction Completion Report for the Former Albany Laboratories Site (referred to hereafter as the Site) located in the City of Albany, Albany County, New York (Figure 1). This report summarizes the Interim Remedial Measure (IRM) that was undertaken at the Site for the removal of contaminated soil impacted by volatile organic compounds (VOCs). The extent of contaminated soils was previously confirmed and delineated in a Site Characterization Report completed by CHA in August of 2010. The IRM was performed pursuant to the New York State Department of Environmental Conservation (NYSDEC) approved IRM Work Plan dated January 5, 2011.

1.1 SITE LOCATION AND DESCRIPTION

The Site is located at 67 Howard Street and consists of the northern portion of the 67 Howard Street parcel and the south end of the 140 State Street parcel in the City of Albany, Albany County, New York. The Site is a vacant lot and is approximately 0.226 acres in size. A site location map has been included as Figure 1.

The Site is located in an urban area near a mixed commercial area and residential neighborhood that is served by public water. The Site is bound by Howard Street to the southwest, the building at 142 State Street to the northwest and an adjacent vacant lot to the northeast and southeast.

1.2 SITE CLASSIFICATION

The Site is currently listed in the registry of Inactive Hazardous Waste Disposal Sites in New York State and is currently classified as a Class 2 site.

2.0 INTERIM REMEDIAL MEASURE ACTIVITIES

This section summarizes the remedial construction activities that were performed as part of the IRM undertaken at the Site. The goal of the IRM was source removal of soils impacted by volatile organic compounds (VOCs). The remedial activities undertaken during the IRM included the removal of impacted soils from the area delineated under previous investigations and the disposal off-site of all impacted soils. The excavation was then backfilled with clean imported soil. All remedial work was completed by Environmental Products and Services of Vermont, Inc. (EPS).

2.1 SITE ACCESS AND SAFETY CONTROLS

Access to the Site by the general public is restricted by temporary 6 foot chain link fencing along the sidewalk at Howard Street and on the southeast perimeter of the larger vacant lot. An eleven-story brick building is located on the northwest Site boundary and access is restricted from the northeast (State Street) because the front 50 feet of the buildings that previously occupied the site are still standing. Entry and exit from the site was made from a single-gated location along Howard Street and the gate was secured at the end of each work shift.

During construction, access to the work areas was restricted by safety fence as needed and all open excavations within the work areas were properly sloped or benched as necessary to prevent sidewall collapse. Truck access from Howard Street entry gate to the soil load-out and staging area was constructed using imported clean gravel.

2.2 FUGITIVE DUST CONTROL AND AIR MONITORING

In accordance with the IRM Work Plan and the Health and Safety Plan (HASP), fugitive dust monitoring was performed using a DustTrack 8530 particulate meter during all site excavation, soil load out and backfill activities. The action level of 100 micrograms per cubic centimeter ($\mu\text{g}/\text{m}^3$) above the background level over a fifteen minute period was never exceeded during site activities. Furthermore visible airborne dust was never observed leaving the work area. Snow cover and daily freeze/thaw conditions during the work aided to minimize any potential for dust creation and therefore no additional dust suppression activities were required.

Continuous monitoring for volatile organic compounds (VOCs) using a MiniRAE 3000 photo ionization detector (PID) was also performed during all site excavation, soil load-out and backfill activities. The PID was set to alarm in the event that action levels are prescribed in the IRM Work Plan and HASP were exceeded. The action level of 5 parts per million (ppm) over a 15-minute period were never exceeded during the site activities.

Air monitoring logs are included in Appendix A.

2.3 EXCAVATION OF CONTAMINATED SOIL

The excavation of contaminated soil commenced with mobilization to the Site and establishment of erosion control measures on January 19, 2011. As will be discussed in detail below,

excavation, segregation, and stockpiling of soils was completed on January 24th-28th and January 31st-February 1st as well as on February 3rd. Load out of stockpiled contaminated soils for off-site disposal and backfill with clean imported soils was completed on February 9th-11th and 14th.

During excavation activities, all materials removed were screened as outlined in the approved IRM Work Plan and soils were stockpiled on site in three separate piles. The first stockpile consisted of clean soil or those soils exhibiting no visual or olfactory evidence of contamination and having PID readings less than 10 ppm. The second stockpile consisted of soils exhibiting visual or olfactory evidence of contamination and with PID readings between 10-500 ppm. This soil was considered non-hazardous and would be disposed of as petroleum-contaminated soils. The third stockpile consisted of soils exhibiting visual or olfactory evidence of contamination and with PID readings above 500 ppm and was considered hazardous due to elevated levels of trichloroethene (TCE) and tetrachloroethene (PCE) encountered during the site investigation. All stockpiles were protected and maintained per the approved work plan.

The proposed excavation limits as outlined in the approved work plan are shown on Figure 2. The final excavation limits are shown on Figure 3. The excavation began on the northwest side of the proposed removal area. Soil was removed along the foundation wall of the building located at 142 State Street. The goal of the excavation along the building was to first find the depth below ground surface (bgs) of the footer of the foundation wall. This elevation would be the bottom of the excavation in areas within 20 feet of the foundation wall to ensure no adverse impact to the structural integrity of the adjacent building and as set forth in the approved IRM Work Plan. The footer was found at approximately 11 feet bgs and this approximate depth was not exceeded along or within 20 feet of the foundation wall.

Excavation was generally consistent with the proposed limits of excavation with the areal limits of the excavation increasing marginally from that proposed. The horizontal limits of the excavation were determined through field screening and confirmatory samples were then collected in accordance with the approved work plan. The vertical extent of excavation was determined by the depth of the adjacent building footer (approximately 11' bgs) within 20 feet of the building and in this area two documentation samples were collected from the bottom of the excavation. The vertical extent of excavation in areas greater than 20 feet from the adjacent building were determined through field screening and confirmatory samples were then collected in accordance with the approved work plan. A discussion on the confirmatory and documentation samples will be provided in Section 2.4.

There were two features encountered or observed during the excavation activities that should be discussed. The first was an 8" x 8" square opening in the foundation wall of 142 State Street that was observed upon removal of soils. The opening was found approximately 10.5 feet bgs and approximately 84 feet northeast of the south corner of 142 State Street. The purpose of the opening is not known. The opening was observed to be filled with soil and no liquids were observed coming from the opening. The second feature was the presence of two horizontal pipes, one ductile iron and the other clay, both present in a single trench at the southwest limits of the greater soil excavation area. The pipes were both observed to be 4" in diameter and are stacked one on the other in a single trench. There was no odor or discoloration observed at the

exposed ends of the pipes or in the pipe trench. The pipes were observed to run from the southwest from the excavation towards Howard Street and are assumed to be old sanitary or storm piping from the buildings previously occupying the site.

2.3.1 Over-Excavation Areas

The excavation extended past the proposed limits of excavation in four locations. The first two locations were along the foundation wall of 142 State Street. It was observed in the field that higher levels of contamination were present in the fill material directly against the foundation, this fill material extended out from the foundation wall 1-2 feet and was observed to be moist and saturated in most areas of the exposed wall. This fill against the foundation appears to have allowed the spread of contamination slightly further laterally along the foundation wall than was anticipated; therefore the excavation was extended in both directions laterally along the foundation of 142 State Street until soils were observed to be clean based on field screening parameters.

The third and fourth locations where the final excavation was extended past the proposed limits of excavation were two locations where sidewall confirmatory sample results exceeded Part 375 Unrestricted Soil Cleanup Objectives (SCOs). The samples that had parameters above unrestricted SCOs were samples S004 and S009 and their locations are shown on Figure 3.

The areas at both of the failed sidewall samples were over excavated and rescreened in an attempt to determine the edge of clean soil. The over excavation at sample S004 moved the sidewall back to the northeast and created a corner to the excavation in that area, therefore two additional side wall confirmatory samples (were collected and found to be below unrestricted SCO's. The over excavation at S009 was in the vicinity of the two buried drain pipes discussed in Section 2.3 above. This over excavation consisted of an approximately 8' x 10' excavation off the south corner of the larger excavation area and therefore three additional confirmatory side wall samples and one additional confirmatory bottom sample were collected at in this area.

A discussion on the confirmatory and documentation samples will be provided in Section 3.0.

2.3.2 Off -Site Disposal of Contaminated Soil

A total of 861 tons of petroleum-contaminated soil was excavated, stockpiled and disposed of off-site. Prior to removal from the Site all petroleum-contaminated soil was sampled by the contractor in accordance with the waste characterization analytical requirements of the Town of Colonie Landfill, the designated off-site non-hazardous permitted disposal facility, located in Cohoes, New York. A copy of the laboratory analytical report is included in Appendix B and copies of the weight slips from the Town of Colonie Landfill are included in Appendix C.

A total of 34.14 tons of soil was excavated, stockpiled and disposed of off-site as hazardous waste. Prior to removal from the Site all contaminated soil stockpiled as hazardous was sampled by the contractor in accordance with the waste characterization analytical requirements of the CWM Chemical Services Facility, the designated off-site hazardous waste permitted disposal facility, located in Model City, New York. A copy of the laboratory analytical report is included

in Appendix D and a copy of the transporter log and the uniform hazardous waste manifest are included in Appendix E.

2.4 RESTORATION ACTIVITIES/FINAL COVER

The Site consisted of a vacant gravel lot prior to the start of work. Restoration activities involved the backfilling of the excavations to grade with clean fill from the site excavation as well as imported clean fill. The site was left as unfinished clean fill to grade and an effort was made to slope the grade away from the building at 142 State Street.

3.0 CONFIRMATORY AND DOCUMENTATION SAMPLING

Confirmatory and documentation samples were collected by CHA personnel as the excavation progressed to confirm and document the limits of the contaminated soils and the extent of the excavation activities. Samples were collected by CHA personnel and screened in the field for visual, olfactory, and elevated photoionized levels and the location of each sample was collected biased to the areas with highest potential for contamination based on field screening.

A total of 15 soil samples, 5 bottom and 10 sidewall samples, were collected during the excavation activities. Two of the five bottom samples are considered documentation samples as these were collected from the bottom of the excavation within 20 feet of the adjacent building foundation and excavation could not extend any deeper. The sample results are presented in Table 1. As summarized in Table 1, all but three samples were found to have all parameters below the Part 375 Unrestricted SCOs.

The first sample to exceed the unrestricted SCOs was a documentation bottom sample, S001 that was found to have acetone at 248 parts per billion (ppb). This is above the Part 375 Unrestricted SCO for acetone of 50 ppb. This sample was collected from approximately 7 feet southeast of the foundation wall of the building at 142 State Street and at approximately 11 feet bgs. While this sample exceeds the unrestricted standard, it is well below the Part 375 residential standard of 100,000 ppb. Further excavation in the area of Sample S001 was restricted by the depth of the excavation and the proximity to the buildings foundation and footer.

The second sample exceeding the unrestricted SCOs was confirmatory sidewall sample, S004 that was discussed in Section 2.3.1 above. This sample was found to have cis-1,2-dichloroethene, tetrachloroethene (PCE), trans-1,2-Dichloroethene, and trichloroethylene (TCE) at concentrations above the unrestricted SCOs. This location was over excavated as previously discussed and two additional confirmatory sidewall samples were collected, S012 and S013. Both of these confirmatory samples were found to have no detected parameters.

The third sample exceeding the unrestricted SCOs was confirmatory sidewall sample, S009 that was discussed Section 2.3.1 above. This sample was found to have 1,2-dichloroethane, cis-1,2-dichloroethene, and TCE at concentrations above the unrestricted SCOs. This location was over excavated as previously discussed and three additional side wall samples and one additional bottom sample were collected, S014 through S017. Each of these additional confirmatory samples were found to have no detected parameters.

A duplicate sample (S099) was collected at the location of sample S009 and the results were found to be consistent with those from sample S009.

All samples were collected in accordance with the approved work plan and were submitted to NEA/Pace Analytical, Inc. of Schenectady, New York. Each sample was analyzed for VOCs via EPA Method 8260. Analytical Laboratory Reports are included in Appendix F.

4.0 DATA USABILITY

NEA/Pace Analytical is currently certified under NYSDOH ELAP to conduct the required analyses. Laboratory results were provided in a Category B deliverable package pursuant to the New York State Analytical Services Protocol (ASP) requirements. The complete laboratory deliverables package was submitted to Alpha GeoScience (Alpha) of Clifton Park, New York for independent data validation. A copy of the data usability summary reports (DUSR) prepared by Alpha are provided in Appendix F.

Based on the DUSR, the overall performances of the analyses were acceptable and NEA/Pace Analytical fulfilled the requirements of the analytical methods. It should be noted that there were some issues identified in the data validation reviews and a few positive results were flagged as “estimated” J values as well as a number of “not-detected” volatile results were flagged as “estimated” J values. All of the flagged data is detailed in the DUSR report prepared by Alpha and included in Appendix F.

One field duplicate was collected during the course of the IRM activities, S099WJH02111 (duplicate for S009WJH02111). Analytical results for the field duplicate sample was compared to the results of the primary sample and a relative percent difference (RPD) was calculated for each parameter analyzed. The RPD is used to express precision measurements between a sample and its duplicate determination. An RPD of 20% is considered the maximum allowable RPD. Several compounds for both sets of samples had RPDs greater than 20%, as summarized below.

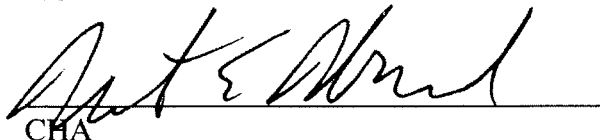
Chemical Name	S009WJH02111 Concentration (mg/kg)	S099WJH02111 Duplicate Concentration (mg/kg)	% RPD
1,2-Dichlorobenzene	272	511	61
1,2-Dichloroethane	18.5	19.9	7
1,4-Dichlorobenzene	41.7	57.4	32
Acetone	83	70.6	16
Cis-1,2-Dichloroethene	1440	1380	4
Methylene Chloride	83	70.6	16
Tetrachloroethene	22.5	46.7	70
Trans-1,2-Dichloroethene	58.6	70.4	18
Trichloroethylene	727	1350	60

Due to the configuration of the excavation, samples were collected from the bucket of the excavator or from the soil pile deposited by the excavator. This inherently allows for greater variation in the soil samples collected. Although the field duplicate was collected side by side to the original sample, the soil is heterogeneous and results may vary. Therefore, CHA believes the results are usable, albeit with a higher degree of uncertainty.

All the above data is considered usable, with estimated data associated with a higher level of quantitative uncertainty.

5.0 CONSTRUCTION COMPLETION CERTIFICATION

I Michael Hollowood certify that I am currently a NYS registered professional engineer and that this report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

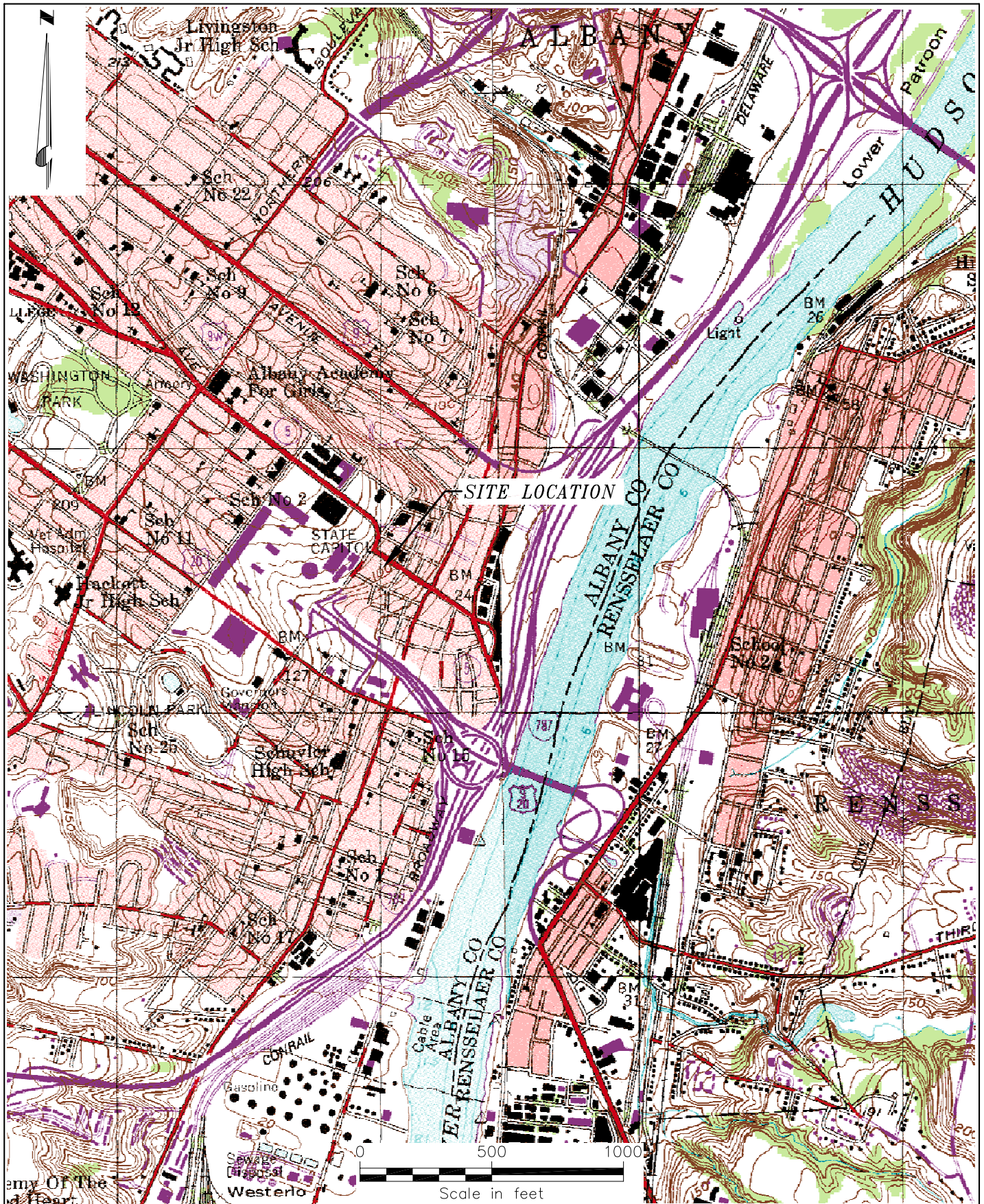


CHA

Michael Hollowood, P.E., Partner
Senior Principal Engineer - Engineer of Record
NY PE License #068351



FIGURES



Drawing Copyright © 2010



111 Winners Circle, PO Box 5269 - Albany, NY 12205-0269
Main: (518) 453-4500 • www.chacompanies.com

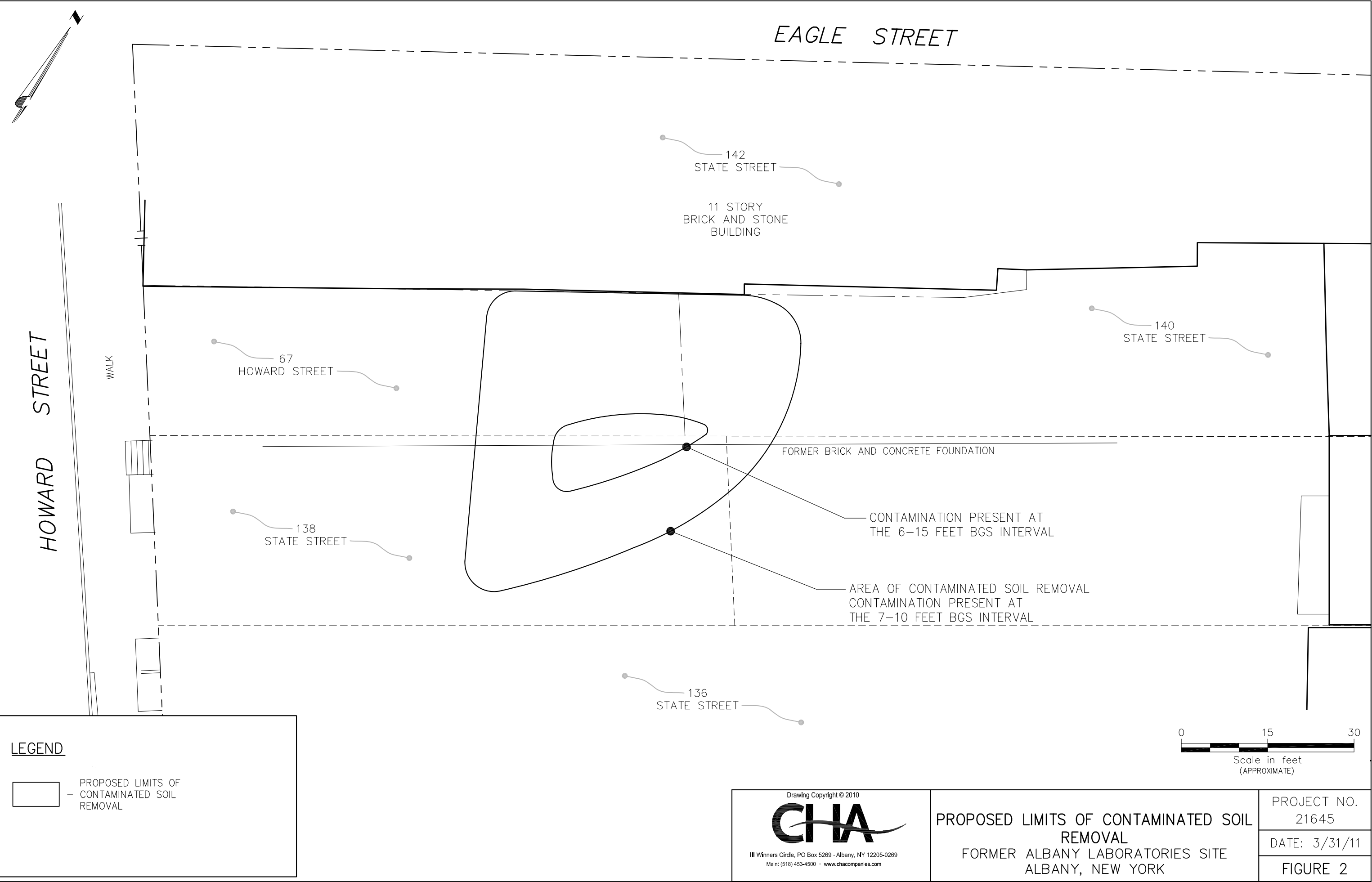
SITE LOCATION MAP

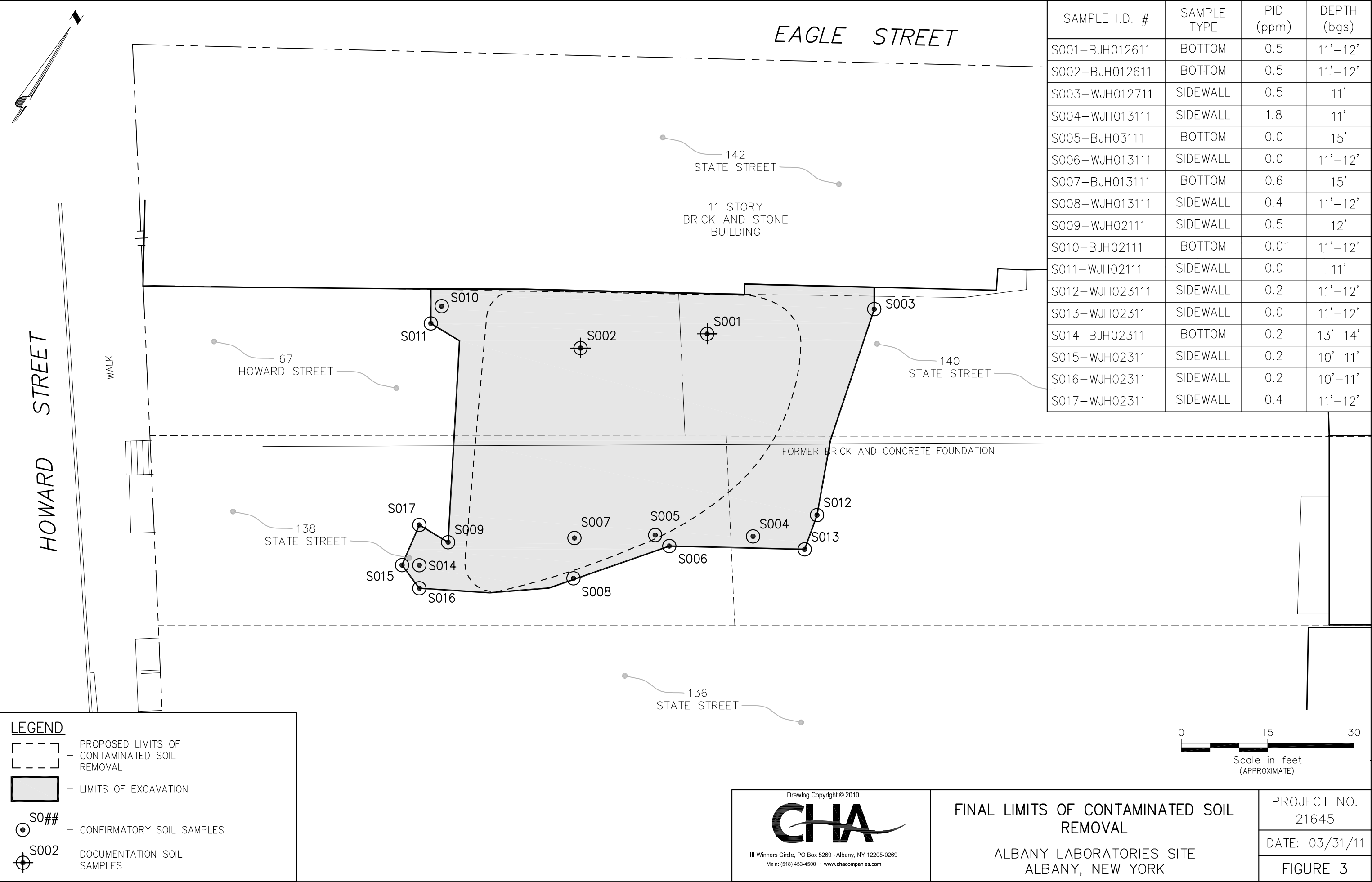
FORMER ALBANY LABORATORIES SITE
ALBANY, NEW YORK

PROJECT NO.
21645

DATE: 3/31/11

FIGURE 1





TABLES

Table 1
Confirmatory and Documentation Sample Summary
Former Albany Laboratories Site
Albany, New York

sample_name sample_date		S001BJH012611 1/26/2011		S002BJH012611 1/26/2011	S003WJH012711 1/27/2011	S004WJH013111 1/31/2011	S005BJH013111 1/31/2011	S006WJH013111 1/31/2011	S007BJH013111 1/31/2011	S008WJH013111 1/31/2011	S009WJH02111 2/1/2011	S099WJH02111 2/1/2011	S010BJH02111 2/1/2011	S011WJH02111 2/1/2011	S012WJH02311 2/3/2011	S013WJH02311 2/3/2011
Chemical Name	Part 375 Unrestricted	Units										(Duplicate to S009)			(Samples for over excavation at Sample S004)	
1,1,1,2-Tetrachloroethane	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 J	28.3 U	14.2 J	17.8 J
1,1,1-Trichloroethane	680	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
1,1,2,2-Tetrachloroethane	NA	ug/kg	23.3 J	27.9 U	16.6 U	655 U	14.6 J	23.8 J	31.7 J	12.1 J	16.6 U	14.1 U	16.6 J	28.3 J	14.2 J	17.8 J
1,1,2-Trichloroethane	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 J	28.3 U	14.2 J	17.8 J
1,1-Dichloroethane	270	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
1,1-Dichloroethene	330	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
1,1-Dichloropropene	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
1,2,3 Trichloropropane	NA	ug/kg	23.3 J	27.9 U	16.6 U	655 U	14.6 J	23.8 J	31.7 J	12.1 J	16.6 U	14.1 U	16.6 J	28.3 J	14.2 J	17.8 J
1,2,3-TRICHLOROBENZENE	NA	ug/kg	23.3 J	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 J	28.3 U	14.2 J	17.8 J
1,2,4-Trichlorobenzene	NA	ug/kg	23.3 J	27.9 U	16.6 U	655 U	14.6 J	23.8 J	31.7 J	12.1 J	16.6 U	14.1 U	16.6 J	28.3 J	14.2 J	17.8 J
1,2: Dibromo-3-Chloropropane	NA	ug/kg	23.3 J	27.9 U	16.6 U	655 U	14.6 J	23.8 J	31.7 J	12.1 J	16.6 U	14.1 U	16.6 J	28.3 J	14.2 J	17.8 J
1,2-Dibromoethane	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 J	28.3 U	14.2 J	17.8 J
1,2-Dichlorobenzene	1,100	ug/kg	23.3 J	27.9 U	16.6 U	655 U	14.6 J	23.8 J	31.7 J	12.1 J	272	511	16.6 J	28.3 J	14.2 J	17.8 J
1,2-Dichloroethane	20	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	18.5	19.9	16.6 U	28.3 U	14.2 U	17.8 U
1,2-Dichloropropane	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 J	17.8 J
1,3-Dichlorobenzene	2,400	ug/kg	23.3 J	27.9 U	16.6 U	655 U	14.6 J	23.8 J	31.7 J	12.1 J	16.6 U	14.1 U	16.6 J	28.3 J	14.2 J	17.8 J
1,3-Dichloropropane	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 J	28.3 U	14.2 U	17.8 U
1,4-Dichlorobenzene	1,800	ug/kg	23.3 J	27.9 U	16.6 U	655 U	14.6 J	23.8 J	31.7 J	12.1 J	41.7	57.4	16.6 J	28.3 J	14.2 J	17.8 J
2,2-Dichloropropane	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
2-Butanone	120	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
2-Chloroethyl Vinyl Ether	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
2-Chlorotoluene	NA	ug/kg	23.3 J	27.9 U	16.6 U	655 U	14.6 J	23.8 J	31.7 J	12.1 J	16.6 U	14.1 U	16.6 J	28.3 J	14.2 J	17.8 J
2-Hexanone	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 J	28.3 U	14.2 J	17.8 J
4-Methyl-2-Pentanone	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 J	28.3 U	14.2 J	17.8 J
Acetone	50	ug/kg	248 J	139 U	82.8 U	3270 U	73 U	119 U	158 U	60.7 U	83 U	70.6 U	81.1 U	141 U	71.1 U	88.8 U
Benzene	60	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
Benzene, (1-methylethyl)-	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
Benzene, 1,2,4-trimethyl-	3,600	ug/kg	23.3 J	27.9 U	16.6 U	655 U	14.6 J	23.8 J	31.7 J	12.1 J	16.6 U	14.1 U	16.6 J	28.3 J	14.2 J	17.8 J
Benzene, 1,3,5-trimethyl-	8,400	ug/kg	23.3 J	27.9 U	16.6 U	655 U	14.6 J	23.8 J	31.7 J	12.1 J	16.6 U	14.1 U	16.6 U	28.3 J	14.2 J	17.8 J
Benzene, 1-methyl-4-(1-methylethyl)-	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
Benzene, propyl-	3,900	ug/kg	23.3 J	27.9 U	16.6 U	655 U	14.6 J	23.8 J	31.7 J	12.1 J	16.6 U	14.1 U	16.6 U	28.3 J	14.2 U	17.8 U
Bromochloromethane	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
Bromodichloromethane	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
Bromoform	NA	ug/kg	23.3 J	27.9 U	16.6 U	655 U	14.6 J	23.8 J	31.7 J	12.1 J	16.6 U	14.1 U	16.6 J	28.3 J	14.2 J	17.8 J
Bromomethane	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
Carbon Disulfide	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
Carbon Tetrachloride	760	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
Chlorobenzene	1,100	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 J	28.3 U	14.2 J	17.8 J
Chloroethane	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
Chloroform	370	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
Chloromethane	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
Chlorotoluene	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 J	23.8 J	31.7 J	12.1 J	16.6 U	14.1 U	16.6 J	28.3 J	14.2 U	17.8 U
Cis-1,2-Dichloroethene	250	ug/kg	23.3 U	27.9 U	16.6 U	2290	14.6 U	23.8 U	31.7 U	12.1 U	1440	1380	16.6 U	28.3 U	14.2 U	17.8 U
Cis-1,3-Dichloropropene	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
Dibromomethane	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
Dichlorobromomethane	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
Dichlorodifluoromethane	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
Ethylbenzene	1,000	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 J	28.3 U	14.2 J	17.8 J
Hexachlorobutadiene	NA	ug/kg	23.3 J	27.9 U	16.6 U	655 U	14.6 J	23.8 J	31.7 J	12.1 J	16.6 U	14.1 U	16.6 J	28.3 J	14.2 J	17.8 J
Methyl T-Butyl Ether (MTBE)	930	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
Methylene Chloride	50	ug/kg	117 U	139 U	82.8 U	655 U	73 U	119 U	158 U	60.7 U	83 U	70.6 U	81.1 U	141 U	71.1 U	88.8 U
Monobromobenzene	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
Naphthalene	12,000	ug/kg	23.3 J	27.9 U	16.6 U	1590	22.5 J	23.8 J	34.9 J	12.1 J	16.6 U	14.1 U	17.2 J	28.3 J	14.2 J	17.8 J
n-Butylbenzene	12,000	ug/kg	23.3 J	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 J	28.3 U	14.2 J	17.8 J
sec-Butylbenzene	11,000	ug/kg	23.3 J	27.9 U	16.6 U	655 U	14.6 J	23.8 J	31.7 J	12.1 J	16.6 U	14.1 U	16.6 J	28.3 J	14.2 J	17.8 J
Styrene	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 J	28.3 U	14.2 J	17.8 J
tert-Butylbenzene	5,900	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 J	23.8 J	31.7 J	12.1 J	16.6 U	14.1 U	16.6 J	28.3 J	14.2 J	17.8 J
Tetrachloroethene	1,300	ug/kg	23.3 U	27.9 U	16.6 U	3430	14.6 U	34.6 J	31.7 U	12.1 U	22.5	46.7	16.6 J	28.3 U	14.2 J	17.8 J
Toluene	700	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 J	28.3 U	14.2 J	17.8 J
Trans-1,2-Dichloroethene	190	ug/kg	23.3 U	27.9 U	16.6 U	1920	14.6 U	23.8 U	31.7 U	12.1 U	58.6	70.4	16.6 U	28.3 U	14.2 U	17.8 U
Trans-1,3-Dichloropropene	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 J	28.3 U	14.2 J	17.8 J
Trichloroethylene	470	ug/kg	23.3 U	27.9 U	25.6 J	5920 J	14.6 U	23.8 U	31.7 U	12.1 U	727	1350	16.6 U	28.3 U	14.2 U	17.8 U
Trichlorofluoromethane	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
Vinyl Acetate	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
Vinyl Chloride	20	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 U	28.3 U	14.2 U	17.8 U
Xylene, O-	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 J	28.3 U	14.2 J	17.8 J
Xylenes (M and P)	NA	ug/kg	23.3 U	27.9 U	16.6 U	655 U	14.6 U	23.8 U	31.7 U	12.1 U	16.6 U	14.1 U	16.6 J	28.3 U	14.2 J	17.8 J

Table 1
Confirmatory and Documentation Sample Summary
Former Albany Laboratories Site
Albany, New York

sample_name sample_date		S014BJH02311 2/3/2011	S015WJH02311 2/3/2011	S016WJH02311 2/3/2011	S017WJH02311 2/3/2011
Chemical Name	Part 375 Unrestricted	(Samples for over excavation at Sample S009)			
1,1,1,2-Tetrachloroethane	NA	20.2 J	13.2 J	25.2 J	24.6 J
1,1,1-Trichloroethane	680	20.2 U	13.2 U	25.2 U	24.6 U
1,1,2,2-Tetrachloroethane	NA	20.2 J	13.2 J	25.2 J	24.6 J
1,1,2-Trichloroethane	NA	20.2 J	13.2 J	25.2 J	24.6 J
1,1-Dichloroethane	270	20.2 U	13.2 U	25.2 U	24.6 U
1,1-Dichloroethene	330	20.2 U	13.2 U	25.2 U	24.6 U
1,1-Dichloropropene	NA	20.2 U	13.2 U	25.2 U	24.6 U
1,2,3 Trichloropropane	NA	20.2 J	13.2 J	25.2 J	24.6 J
1,2,3-TRICHLOROBENZENE	NA	20.2 J	13.2 J	25.2 J	24.6 J
1,2,4-Trichlorobenzene	NA	20.2 J	13.2 J	25.2 J	24.6 J
1,2: Dibromo-3-Chloropropane	NA	20.2 J	13.2 J	25.2 J	24.6 J
1,2-Dibromoethane	NA	20.2 J	13.2 J	25.2 J	24.6 J
1,2-Dichlorobenzene	1,100	20.2 J	13.2 J	25.2 J	24.6 J
1,2-Dichloroethane	20	20.2 U	13.2 U	25.2 U	24.6 U
1,2-Dichloropropane	NA	20.2 J	13.2 J	25.2 J	24.6 J
1,3-Dichlorobenzene	2,400	20.2 J	13.2 J	25.2 J	24.6 J
1,3-Dichloropropane	NA	20.2 U	13.2 U	25.2 U	24.6 U
1,4-Dichlorobenzene	1,800	20.2 J	13.2 J	25.2 J	24.6 J
2,2-Dichloropropane	NA	20.2 U	13.2 U	25.2 U	24.6 U
2-Butanone	120	20.2 U	13.2 U	25.2 U	24.6 U
2-Chloroethyl Vinyl Ether	NA	20.2 U	13.2 U	25.2 U	24.6 U
2-Chlorotoluene	NA	20.2 J	13.2 J	25.2 J	24.6 J
2-Hexanone	NA	20.2 J	13.2 J	25.2 J	24.6 J
4-Methyl-2-Pentanone	NA	20.2 J	13.2 J	25.2 J	24.6 J
Acetone	50	101 U	66 U	126 U	123 U
Benzene	60	20.2 U	13.2 U	25.2 U	24.6 U
Benzene, (1-methylethyl)-	NA	20.2 U	13.2 U	25.2 U	24.6 U
Benzene, 1,2,4-trimethyl-	3,600	20.2 J	13.2 J	25.2 J	24.6 J
Benzene, 1,3,5-trimethyl-	8,400	20.2 J	13.2 J	25.2 J	24.6 J
Benzene, 1-methyl-4-(1-methylethyl)-	NA	20.2 U	13.2 U	25.2 U	24.6 U
Benzene, propyl-	3,900	20.2 U	13.2 U	25.2 U	24.6 U
Bromochloromethane	NA	20.2 U	13.2 U	25.2 U	24.6 U
Bromodichloromethane	NA	20.2 U	13.2 U	25.2 U	24.6 U
Bromoform	NA	20.2 J	13.2 J	25.2 J	24.6 J
Bromomethane	NA	20.2 U	13.2 U	25.2 U	24.6 U
Carbon Disulfide	NA	20.2 U	13.2 U	25.2 U	24.6 U
Carbon Tetrachloride	760	20.2 U	13.2 U	25.2 U	24.6 U
Chlorobenzene	1,100	20.2 J	13.2 J	25.2 J	24.6 J
Chloroethane	NA	20.2 U	13.2 U	25.2 U	24.6 U
Chloroform	370	20.2 U	13.2 U	25.2 U	24.6 U
Chloromethane	NA	20.2 U	13.2 U	25.2 U	24.6 U
Chlorotoluene	NA	20.2 U	13.2 U	25.2 U	24.6 U
Cis-1,2-Dichloroethene	250	20.2 U	13.2 U	25.2 U	24.6 U
Cis-1,3-Dichloropropene	NA	20.2 U	13.2 U	25.2 U	24.6 U
Dibromomethane	NA	20.2 U	13.2 U	25.2 U	24.6 U
Dichlorobromomethane	NA	20.2 U	13.2 U	25.2 U	24.6 U
Dichlorodifluoromethane	NA	20.2 U	13.2 U	25.2 U	24.6 U
Ethylbenzene	1,000	20.2 J	13.2 J	25.2 J	24.6 J
Hexachlorobutadiene	NA	20.2 J	13.2 J	25.2 J	24.6 J
Methyl T-Butyl Ether (MTBE)	930	20.2 U	13.2 U	25.2 U	24.6 U
Methylene Chloride	50	101 U	66 U	126 U	123 U
Monobromobenzene	NA	20.2 U	13.2 U	25.2 U	24.6 U
Naphthalene	12,000	20.2 J	13.2 J	25.2 J	24.6 J
n-Butylbenzene	12,000	20.2 J	13.2 J	25.2 J	24.6 J
sec-Butylbenzene	11,000	20.2 J	13.2 J	25.2 J	24.6 J
Styrene	NA	20.2 J	13.2 J	25.2 J	24.6 J
tert-Butylbenzene	5,900	20.2 J	13.2 J	25.2 J	24.6 J
Tetrachloroethene	1,300	20.2 J	13.2 J	25.2 J	24.6 J
Toluene	700	20.2 J	13.2 J	25.2 J	24.6 J
Trans-1,2-Dichloroethene	190	20.2 U	13.2 U	25.2 U	24.6 U
Trans-1,3-Dichloropropene	NA	20.2 J	13.2 J	25.2 J	24.6 J
Trichloroethylene	470	20.2 U	13.2 U	25.2 U	24.6 U
Trichlorofluoromethane	NA	20.2 U	13.2 U	25.2 U	24.6 U
Vinyl Acetate	NA	20.2 U	13.2 U	25.2 U	24.6 U
Vinyl Chloride	20	20.2 U	13.2 U	25.2 U	24.6 U
Xylene, O-	NA	20.2 J	13.2 J	25.2 J	24.6 J
Xylenes (M and P)	NA	20.2 J	13.2 J	25.2 J	24.6 J

APPENDIX A

Air Monitoring Logs

Air Monitoring Readings

January 24-February 14, 2011

January 24, 2011

Time	Station 1 - Upwind		Station 2 - Downwind	
	PID Readings (ppm)	Particulate µg/m3	PID Readings (ppm)	Particulate µg/m3
1130	0.0	60.0	0.0	33.0
1145	0.0	44.0	0.0	38.0
1200	0.0	59.0	0.0	38.0
1215	Lunch			
1230	Lunch			
1245	0.0	51.0	0.0	38.0
1300	0.0	49.0	0.0	38.0
1315	0.0	52.0	0.0	44.0
1330	0.0	49.0	0.0	39.0
1345	0.0	40.0	0.0	33.0
1400	0.0	46.0	0.0	34.0
1415	0.0	48.0	0.0	35.0
1430	0.0	41.0	0.0	34.0
1445	0.0	48.0	0.0	38.0
1500	0.0	37.0	0.0	26.0
1515	0.0	39.0	0.0	20.0
1530	0.0	37.0	0.0	18.0

January 25, 2011

Time	Station 1 - Upwind		Station 2 - Downwind	
	PID Readings (ppm)	Particulate µg/m3	PID Readings (ppm)	Particulate µg/m3
830	0.0	50.0	0.0	80.0
845	0.0	67.0	0.0	84.0
900	0.0	49.0	0.0	84.0
915	0.0	51.0	0.0	84.0
930	0.0	64.0	0.0	91.0
945	0.0	62.0	0.0	87.0
1000	0.0	61.0	0.0	86.0
1015	0.0	61.0	0.1	87.0
1030	0.0	56.0	0.0	88.0
1045	0.0	57.0	0.0	88.0
1100	0.0	57.0	0.0	82.0
1115	0.0	61.0	0.0	85.0
1130	0.0	59.0	0.0	84.0
1145	0.0	51.0	0.0	74.0
1200	0.0	54.0	0.0	81.0
1215	0.0	53.0	0.0	79.0
1230	0.0	61.0	0.0	83.0
1245	0.0	49.0	0.0	65.0
1300	0.0	50.0	0.0	71.0
1315	0.0	47.0	0.0	74.0
1330	0.0	54.0	0.0	71.0
1345	0.0	40.0	0.0	61.0
1400	0.0	37.0	0.0	52.0
1415	0.0	42.0	0.0	62.0
1430	0.0	41.0	0.0	67.0
1445	0.0	43.0	0.0	62.0
1500	0.0	42.0	0.0	65.0
1515	0.0	41.0	0.0	72.0
1530	0.0	43.0	0.0	74.0

Air Monitoring Readings

January 24-February 14, 2011

January 26,2011

Time	Station 1 - Upwind		Station 2 - Downwind	
	PID Readings (ppm)	Particulate µg/m3	PID Readings (ppm)	Particulate µg/m3
840	0.0	116.0	0.0	189.0
855	0.0	114.0	0.0	190.0
910	0.0	144.0	0.0	201.0
925	0.0	131.0	0.1	217.0
940	0.1	136.0	0.1	200.0
955	0.2	138.0	0.1	192.0
1010	0.2	142.0	0.1	203.0
1025	0.1	145.0	0.2	220.0
1040	0.2	146.0	0.2	206.0
1055	0.2	149.0	0.1	200.0
1110	0.1	139.0	0.1	187.0
1125	0.1	143.0	0.1	170.0
1140	0.1	138.0	0.1	177.0
	Lunch			
1255	0.0	143.0	0.0	187.0
1310	0.1	131.0	0.0	180.0
1325	0.1	141.0	0.0	175.0
1340	0.1	135.0	0.1	171.0
1355	0.1	128.0	0.1	167.0
1410	0.0	139.0	0.0	169.0
1425	0.0	121.0	0.0	166.0
1440	0.1	111.0	0.0	146.0
1455	0.0	84.0	0.0	117.0
1510	0.1	74.0	0.0	100.0
1525	0.1	118.0	0.1	171.0

January 27,2011

Time	Station 1 - Upwind		Station 2 - Downwind	
	PID Readings (ppm)	Particulate µg/m3	PID Readings (ppm)	Particulate µg/m3
840	0.0	42.0	0.0	63.0
855	0.0	47.0	0.0	66.0
910	0.0	45.0	0.0	68.0
925	0.0	46.0	0.0	69.0
940	0.1	51.0	0.0	65.0
955	0.2	42.0	0.0	56.0
1010	0.2	38.0	0.0	53.0
1025	0.1	31.0	0.0	54.0
1040	0.2	32.0	0.0	54.0
1055	0.2	32.0	0.0	42.0
1110	0.1	30.0	0.0	43.0
1125	0.1	30.0	0.0	44.0
1140	0.1	31.0	0.0	42.0
1155	0.3-0.7	32.0	0.1	48.0
1255	0.0	27.0	0.0	37.0
	Lunch			
1310	0.0	21.0	0.0	30.0
1325	0.0	18.0	0.0	31.0
1340	0.0	27.0	0.1	28.0
1355	0.1	24.0	0.0	32.0
1410	0.1	20.0	0.0	31.0
1425	0.1	17.0	0.0	30.0
1440	0.1	17.0	0.0	27.0
1455	0.0	17.0	0.0	28.0
1510	0.0	18.0	0.0	13.0
1525	0.0	118.0	0.0	18.0

Air Monitoring Readings

January 24-February 14, 2011

January 28,2011

Time	Station 1 - Upwind		Station 2 - Downwind	
	PID Readings (ppm)	Particulate µg/m3	PID Readings (ppm)	Particulate µg/m3
835	0.0	92.0	0.0	137.0
850	0.1	79.0	0.1	123.0
905	0.2	93.0	0.2	90.0
920	0.1	90.0	0.1	91.0
935	0.1	84.0	0.1	85.0
950	0.1	62.0	0.2	78.0
1005	0.1	61.0	0.0	72.0
1020	0.0	36.0	0.0	62.0
1035	0.0	36.0	0.0	46.0
1050	0.0	45.0	0.0	54.0
1105	0.0	42.0	0.0	48.0
1120	0.0	41.0	0.0	47.0
1135	0.0	36.0	0.0	38.0
1150	0.0	9.0	0.0	18.0
Lunch				
1315	0.1	45.0	0.1	78.0
1330	0.0	45.0	0.0	57.0
1345	0.0	53.0	0.0	92.0
1400	0.0	42.0	0.2	57.0
1415	0.0	46.0	0.0	49.0
1430	0.0	52.0	0.0	66.0
1445	0.0	50.0	0.0	64.0
1500	0.0	58.0	0.0	80.0
1515	0.0	62.0	0.0	82.0
1530	0.0	64.0	0.0	76.0
1545	0.0	65.0	0.0	75.0
1600	0.0	64.0	0.0	83.0

January 31, 2011

Time	Station 1 - Upwind		Station 2 - Downwind	
	PID Readings (ppm)	Particulate µg/m3	PID Readings (ppm)	Particulate µg/m3
845	0.0	20.0	0.0	14.0
900	0.0	14.0	0.0	14.0
915	0.0	14.0	0.0	14.0
930	0.0	14.0	0.0	7.0
945	0.0	14.0	0.0	7.0
1000	0.0	14.0	0.0	8.0
1015	0.0	14.0	0.0	7.0
1030	0.0	14.0	0.0	9.0
1045	0.0	14.0	0.0	6.0
1100	0.1	22.0	0.1	11.0
1115	0.1	22.0	0.1	15.0
1130	0.1	22.0	0.1	7.0
1145	0.1	22.0	0.0	6.0
Lunch				
1250	0.0	22.0	0.0	19.0
1305	0.0	22.0	0.0	24.0
1320	0.0	22.0	0.0	22.0
1335	0.0	22.0	0.0	23.0
1350	0.0	34.0	0.0	36.0
1405	0.0	34.0	0.1	16.0
1420	0.0	35.0	0.1	16.0
1435	0.0	17.0	0.1	18.0
1450	0.0	17.0	0.1	17.0
1505	0.0	16.0	0.1	14.0
1520	0.0	16.0	0.1	35.0
1535	0.1	14.0	0.1	16.0
1550	0.0	16.0	0.0	41.0
1605	0.0	16.0	0.0	27.0

Air Monitoring Readings

January 24-February 14, 2011

February 1, 2011

Time	Station 1 - Upwind		Station 2 - Downwind	
	PID Readings (ppm)	Particulate µg/m3	PID Readings (ppm)	Particulate µg/m3
900	0.0	4.0	0.0	2.0
915	0.0	27.0	0.0	40.0
930	0.0	29.0	0.0	50.0
945	0.0	38.0	0.0	54.0
1000	0.0	49.0	0.0	63.0
1015	0.0	31.0	0.0	56.0
1030	0.0	32.0	0.0	59.0
1045	0.0	30.0	0.0	36.0
1100	0.0	48.0	0.0	34.0
1115	0.0	6.0	0.0	23.0
1130	0.0	69.0	0.0	33.0
1145	0.0	20.0	0.0	65.0
1200	0.0	32.0	0.0	58.0
	Lunch			
1245	0.0	39.0	0.0	36.0
1300	0.0	13.0	0.0	46.0
1315	0.0	19.0	0.0	40.0
1330	0.0	20.0	0.0	49.0
1345	0.0	24.0	0.0	41.0
1400	0.0	7.0	0.0	53.0
1415	0.0	19.0	0.0	45.0
1430	0.0	29.0	0.0	32.0
1445	0.0	51.0	0.0	21.0
1500	0.0	6.0	0.0	54.0

February 3, 2011

Time	Station 1 - Upwind		Station 2 - Downwind	
	PID Readings (ppm)	Particulate µg/m3	PID Readings (ppm)	Particulate µg/m3
915	0.0	33.0	0.0	10.0
930	0.0	31.0	0.0	7.0
945	0.0	8.0	0.0	12.0
1000	0.0	16.0	0.0	31.0
1015	0.0	8.0	0.0	7.0
1030	0.0	13.0	0.0	6.0
1045	0.0	22.0	0.0	6.0
1100	0.0	7.0	0.0	5.0
1115	0.0	7.0	0.0	6.0
1130	0.0	30.0	0.0	7.0
1145	0.0	32.0	0.0	6.0
1200	0.0	8.0	0.0	7.0
	Lunch			
1300	0.0	10.0	0.0	12.0
1315	0.0	11.0	0.0	6.0
1330	0.0	14.0	0.0	8.0
1345	0.0	16.0	0.0	6.0
1400	0.0	10.0	0.0	6.0
1415	0.0	14.0	0.0	5.0
1430	0.0	9.0	0.0	5.0
1445	0.0	17.0	0.0	9.0
1500	0.0	8.0	0.0	8.0
1515	0.0	8.0	0.0	8.0

Air Monitoring Readings

January 24-February 14, 2011

February 8, 2011

Time	Station 1 - Upwind		Station 2 - Downwind	
	PID Readings (ppm)	Particulate µg/m3	PID Readings (ppm)	Particulate µg/m3
900	0.0	23.0	0.0	17.0
915	0.0	38.0	0.0	19.0
930	0.0	28.0	0.1	15.0
945	0.1	17.0	0.1	13.0
1000	0.1	17.0	0.1	9.0
1015	0.1	19.0	0.1	10.0
1030	0.0	9.0	0.1	11.0
1045	0.0	1.0	0.1	7.0
1100	0.0	13.0	0.0	6.0
1115	0.0	12.0	0.0	6.0
1130	0.0	11.0	0.1	5.0
1145	0.0	8.0	0.0	6.0
	Lunch			
1230	0.0	14.0	0.0	7.0
1245	0.0	9.0	0.0	23.0
1300	0.0	3.0	0.0	7.0
1315	0.0	3.0	0.0	7.0
1330	0.0	8.0	0.0	6.0
1345	0.0	16.0	0.0	7.0
1400	0.0	2.0	0.0	15.0
1415	0.0	17.0	0.0	7.0
1430	0.0	14.0	0.0	11.0
1445	0.0	4.0	0.0	9.0
1500	0.0	2.0	0.0	14.0

February 9, 2011

Time	Station 1 - Upwind		Station 2 - Downwind	
	PID Readings (ppm)	Particulate µg/m3	PID Readings (ppm)	Particulate µg/m3
915	0.0	38.0	0.0	30.0
930	0.0	39.0	0.0	32.0
945	0.0	34.0	0.0	33.0
1000	0.0	30.0	0.0	36.0
1015	0.0	21.0	0.0	38.0
1030	0.0	8.0	0.0	39.0
1045	0.1	25.0	0.1	78.0
1100	0.0	9.0	0.0	39.0
1115	0.1	11.0	0.0	29.0
1130	Lunch			
1145	Lunch			
1200	Lunch			
1215	0.0	38.0	0.0	52.0
1230	0.0	38.0	0.0	39.0
1245	0.0	36.0	0.0	41.0
1300	0.0	31.0	0.0	37.0
1315	0.0	37.0	0.0	39.0
1330	0.0	9.0	0.0	19.0
1345	0.0	19.0	0.0	32.0
1400	0.0	24.0	0.0	56.0
1415	0.0	23.0	0.0	17.0
1430	0.0	89.0	0.0	29.0
1445	0.0	8.0	0.0	33.0
1500	0.0	13.0	0.0	31.0
1515	0.0	12.0	0.0	16.0

Air Monitoring Readings

January 24-February 14, 2011

February 10, 2011

Time	Station 1 - Upwind		Station 2 - Downwind	
	PID Readings (ppm)	Particulate µg/m3	PID Readings (ppm)	Particulate µg/m3
815	0.0	27.0	0.0	37.0
830	0.0	30.0	0.0	10.0
845	0.0	19.0	0.0	41.0
900	0.0	32.0	0.0	36.0
915	0.0	33.0	0.0	42.0
930	0.0	67.0	0.0	19.0
945	0.0	25.0	0.0	51.0
1000	0.0	23.0	0.0	44.0
1015	0.0	19.0	0.0	35.0
1030	0.0	20.0	0.0	25.0
1045	0.0	20.0	0.0	14.0
1100	0.0	17.0	0.0	27.0
1115	0.1	101.0	0.0	31.0
1130	0.0	21.0	0.0	12.0
Lunch				
1300	0.0	13.0	0.0	19.0
1315	0.0	22.0	0.0	18.0
1330	0.0	14.0	0.0	17.0
1345	0.0	19.0	0.0	1.0
1400	0.0	20.0	0.0	3.0
1415	0.0	19.0	0.0	5.0

February 11, 2011

Time	Station 1 - Upwind		Station 2 - Downwind	
	PID Readings (ppm)	Particulate µg/m3	PID Readings (ppm)	Particulate µg/m3
830	0.0	28.0	0.0	55.0
845	0.0	9.0	0.0	67.0
900	0.0	9.0	0.0	60.0
915	0.0	9.0	0.0	50.0
930	0.0	4.0	0.0	38.0
945	0.0	16.0	0.0	38.0
1000	0.0	55.0	0.0	31.0
1015	0.0	56.0	0.0	8.0
1030	0.0	50.0	0.0	38.0
1045	0.0	45.0	0.0	37.0
1100	0.0	38.0	0.0	36.0
1115	0.0	27.0	0.0	30.0
1130	0.0	53.0	0.0	34.0
1145	0.0	13.0	0.0	43.0
1200	0.0	41.0	0.0	38.0
1215	0.0	40.0	0.0	37.0
1230	0.0	13.0	0.0	43.0
1245	0.0	12.0	0.0	68.0
1300	0.0	21.0	0.0	23.0
1315	0.0	57.0	0.0	23.0

Air Monitoring Readings

January 24-February 14, 2011

February 14, 2011

Time	Station 1 - Upwind		Station 2 - Downwind	
	PID Readings (ppm)	Particulate µg/m3	PID Readings (ppm)	Particulate µg/m3
800	0.0	23.0	0.0	13.0
815	0.0	27.0	0.0	9.0
830	0.0	32.0	0.0	7.0
845	0.0	29.0	0.0	20.0
900	0.0	15.0	0.0	15.0
915	0.0	35.0	0.0	12.0
930	0.0	42.0	0.0	21.0
945	0.0	40.0	0.0	31.0
1000	0.0	49.0	0.0	20.0
1015	0.0	50.0	0.0	25.0
1030	0.0	39.0	0.0	42.0
1045	0.0	24.0	0.0	33.0
1100	0.0	19.0	0.0	38.0
1115	0.0	30.0	0.0	32.0
1130	0.0	17.0	0.0	24.0
1145	0.0	41.0	0.0	38.0
1200	0.0	36.0	0.0	25.0
1215	0.0	22.0	0.0	66.0
1230	0.0	28.0	0.0	57.0
1245	0.0	41.0	0.0	44.0
1300	0.0	53.0	0.0	49.0
1315	0.0	25.0	0.0	31.0
1330	0.0	38.0	0.0	39.0
1345	0.0	21.0	0.0	40.0
1400	0.0	30.0	0.0	53.0
1415	0.0	45.0	0.0	30.0
1430	0.0	49.0	0.0	41.0
1445	0.0	56.0	0.0	56.0

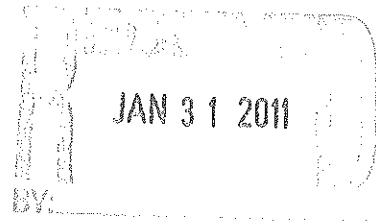
APPENDIX B

**Waste Characterization Data
Colonie Landfill**



Experience is the solution

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



January 28, 2011

Jeff Kaleta
Environmental Products & Services, Inc. of VT
40 Hamilton Lane
Glenmont, NY 12077

Work Order No: 110126043

TEL: (518) 465-4000

FAX: (518) 465-5722

RE: Columbia Eagle
67 Howard St., Albany, NY

Dear Jeff Kaleta:

Adirondack Environmental Services, Inc received 1 sample on 1/26/2011 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

Jeff Kaleta - FAX

Adirondack Environmental Services, Inc

CASE NARRATIVE

CLIENT: Environmental Products & Services, Inc. of

Date: 28-Jan-11

Project: Columbia Eagle

Lab Order: 110126043

Sample containers were not 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: 28-Jan-11

CLIENT: Environmental Products & Services, Inc. of
Work Order: 110126043
Reference: Columbia Eagle / 67 Howard St., Albany, N
PO#:

Client Sample ID: Soil Pile 1
Collection Date: 1/26/2011
Lab Sample ID: 110126043-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS SW8082						Analyst: KF
(Prep: SW3545 - 1/26/2011)						
Aroclor 1016	< 42	42		µg/Kg-dry	1	1/26/2011 6:50:59 PM
Aroclor 1221	< 42	42		µg/Kg-dry	1	1/26/2011 6:50:59 PM
Aroclor 1232	< 42	42		µg/Kg-dry	1	1/26/2011 6:50:59 PM
Aroclor 1242	< 42	42		µg/Kg-dry	1	1/26/2011 6:50:59 PM
Aroclor 1248	< 42	42		µg/Kg-dry	1	1/26/2011 6:50:59 PM
Aroclor 1254	< 42	42		µg/Kg-dry	1	1/26/2011 6:50:59 PM
Aroclor 1260	< 42	42		µg/Kg-dry	1	1/26/2011 6:50:59 PM
Aroclor 1262	< 42	42		µg/Kg-dry	1	1/26/2011 6:50:59 PM
Aroclor 1268	< 42	42		µg/Kg-dry	1	1/26/2011 6:50:59 PM
Surr: Decachlorobiphenyl	94.2	48.1-152		%REC	1	1/26/2011 6:50:59 PM
GASOLINE AND DIESEL RANGE ORGANICS SW8015M						Analyst: MG
Prep: SW8015B/3545 - 1/27/2011)						
TPH (Diesel)	46.4	12.8	S	µg/g-dry	1	1/27/2011 7:17:34 PM
Surr: o-terphenyl	102	60-140		%REC	1	1/27/2011 7:17:34 PM
TCLP MERCURY SW1311/7470A						Analyst: WB
(Prep: SW7470A - 1/28/2011)						
Mercury-TCLP	< 0.020	0.020		mg/L	1	1/28/2011
TCLP METALS - ICP SW1311/6010A						Analyst: WB
(Prep: SW1311 - 1/27/2011)						
Arsenic-TCLP	< 0.05	0.05		mg/L	1	1/28/2011 11:48:00 AM
Barium-TCLP	0.23	0.10		mg/L	1	1/28/2011 11:48:00 AM
Cadmium-TCLP	< 0.05	0.05		mg/L	1	1/28/2011 11:48:00 AM
Chromium-TCLP	< 0.05	0.05		mg/L	1	1/28/2011 11:48:00 AM
Lead-TCLP	< 0.05	0.05		mg/L	1	1/28/2011 11:48:00 AM
Selenium-TCLP	< 0.05	0.05		mg/L	1	1/28/2011 11:48:00 AM
Silver-TCLP	< 0.10	0.10		mg/L	1	1/28/2011 11:48:00 AM
TCLP SEMI-VOLATILES AS TOTALS SW8270C						Analyst: MT
(Prep: SW3545 - 1/27/2011)						
1,4-Dichlorobenzene	< 0.63	0.63		µg/g-dry	1	1/27/2011 6:11:00 PM
2,4,5-Trichlorophenol	< 0.63	0.63		µg/g-dry	1	1/27/2011 6:11:00 PM
2,4,6-Trichlorophenol	< 0.63	0.63		µg/g-dry	1	1/27/2011 6:11:00 PM
2,4-Dinitrotoluene	< 0.63	0.63		µg/g-dry	1	1/27/2011 6:11:00 PM
2-Methylphenol	< 0.63	0.63		µg/g-dry	1	1/27/2011 6:11:00 PM
4-Methylphenol	< 0.63	0.63		µg/g-dry	1	1/27/2011 6:11:00 PM
Hexachlorobenzene	< 0.63	0.63		µg/g-dry	1	1/27/2011 6:11:00 PM
Hexachlorobutadiene	< 0.63	0.63		µg/g-dry	1	1/27/2011 6:11:00 PM

Adirondack Environmental Services, Inc

Date: 28-Jan-11

CLIENT: Environmental Products & Services, Inc. of
Work Order: 110126043
Reference: Columbia Eagle / 67 Howard St., Albany, N
PO#:

Client Sample ID: Soil Pile 1
Collection Date: 1/26/2011
Lab Sample ID: 110126043-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TCLP SEMI-VOLATILES AS TOTALS SW8270C						Analyst: MT
(Prep: SW3545 - 1/27/2011)						
Hexachloroethane	< 0.63	0.63		µg/g-dry	1	1/27/2011 6:11:00 PM
Nitrobenzene	< 0.63	0.63		µg/g-dry	1	1/27/2011 6:11:00 PM
Pentachlorophenol	< 3.20	3.20		µg/g-dry	1	1/27/2011 6:11:00 PM
Pyridine	< 0.63	0.63		µg/g-dry	1	1/27/2011 6:11:00 PM
Surr: 2,4,6-Tribromophenol	65.9	4.9-176		%REC	1	1/27/2011 6:11:00 PM
Surr: 2-Fluorobiphenyl	90.8	32-142		%REC	1	1/27/2011 6:11:00 PM
Surr: 2-Fluorophenol	42.3	7.9-105		%REC	1	1/27/2011 6:11:00 PM
Surr: 4-Terphenyl-d14	98.9	35.4-169		%REC	1	1/27/2011 6:11:00 PM
Surr: Nitrobenzene-d5	80.2	25.2-135		%REC	1	1/27/2011 6:11:00 PM
Surr: Phenol-d5	52.7	18.4-101		%REC	1	1/27/2011 6:11:00 PM
VOLATILE ORGANICS-(SW5035 PREP) SW8260B						Analyst: ML
Tetrachloroethene	11	6.4		µg/Kg-dry	1	1/27/2011 4:55:00 PM
Trichloroethene	20	6.4		µg/Kg-dry	1	1/27/2011 4:55:00 PM
Surr: 1,2-Dichloroethane-d4	112	80.7-117		%REC	1	1/27/2011 4:55:00 PM
Surr: 4-Bromofluorobenzene	82.7	80.2-127		%REC	1	1/27/2011 4:55:00 PM
Surr: Toluene-d8	111	79.9-122		%REC	1	1/27/2011 4:55:00 PM
TCLP VOLATILES AS TOTALS (SW5035 PREP) SW8260B						Analyst: ML
1,1-Dichloroethene	< 0.32	0.32		µg/g-dry	50	1/27/2011 5:24:00 PM
1,2-Dichloroethane	< 0.32	0.32		µg/g-dry	50	1/27/2011 5:24:00 PM
1,4-Dichlorobenzene	< 0.32	0.32		µg/g-dry	50	1/27/2011 5:24:00 PM
2-Butanone	< 0.64	0.64		µg/g-dry	50	1/27/2011 5:24:00 PM
Benzene	< 0.32	0.32		µg/g-dry	50	1/27/2011 5:24:00 PM
Carbon tetrachloride	< 0.32	0.32		µg/g-dry	50	1/27/2011 5:24:00 PM
Chlorobenzene	< 0.32	0.32		µg/g-dry	50	1/27/2011 5:24:00 PM
Chloroform	< 0.32	0.32		µg/g-dry	50	1/27/2011 5:24:00 PM
Tetrachloroethene	< 0.32	0.32		µg/g-dry	50	1/27/2011 5:24:00 PM
Trichloroethene	< 0.32	0.32		µg/g-dry	50	1/27/2011 5:24:00 PM
Vinyl chloride	< 0.64	0.64		µg/g-dry	50	1/27/2011 5:24:00 PM
Surr: 1,2-Dichloroethane-d4	101	62.7-138		%REC	50	1/27/2011 5:24:00 PM
Surr: 4-Bromofluorobenzene	96.3	65-133		%REC	50	1/27/2011 5:24:00 PM
Surr: Toluene-d8	99.7	70-141		%REC	50	1/27/2011 5:24:00 PM
MOISURE CONTENT ASTM D2216 D2216						Analyst: PF
Percent Moisture	21.6	0.1		wt%	1	1/27/2011

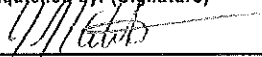
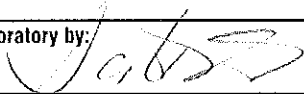
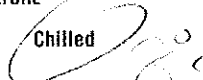


CHAIN OF CUSTODY RECORD

AES Work Order #

110126043

A full service analytical research laboratory offering solutions to environmental concerns

Shipment Arrived Via: FedEx UPS Client AES Other: _____		CC Report To / Special Instructions/Remarks:	
Turnaround Time Request: ☐ 1 Day ☐ 3 Day ☐ Normal ☒ 2 Day ☐ 5 Day			
Relinquished by: (Signature) 		Received by: (Signature) _____	
Relinquished by: (Signature) _____		Received by: (Signature) _____	
Relinquished by: (Signature) _____		Received for Laboratory by: 	
		Date/Time 1-26-11 4 24 PM	
TEMPERATURE Ambient or Chilled 		PROPERLY PRESERVED Y N	
Notes: _____		Notes: _____	
		RECEIVED WITHIN HOLDING TIMES Y N	
		Notes: _____	

WHITE - Lab Copy

YELLOW - Sampler Copy

PINK - Generator Copy

Adirondack Environmental Services, Inc.



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • (518) 434-4546 • Fax (518) 434-0891

TERMS, CONDITIONS & LIMITATIONS

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

- (a) Neither **Adirondack Environmental Services, Inc.**, nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.**'s performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.
- (b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed or irrevocably waived.
- (c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.
- (d) In no event shall **Adirondack Environmental Services, Inc.**, its employees, agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.
- (e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**
- (f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.
- (g) Payments by credit card are subject to a 3% additional charge.



Experience is the solution

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

February 10, 2011

Jeff Kaleta
Environmental Products & Services, Inc. of VT
40 Hamilton Lane
Glenmont, NY 12077

Work Order No: 110204043
PO#: A15135

TEL: (518) 465-4000
FAX: (518) 465-5722

RE: Columbia Eagle
67 Howard St., Albany, NY

Dear Jeff Kaleta:

Adirondack Environmental Services, Inc received 1 sample on 2/4/2011 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, appearing to read "Chris Hess", is written over a circular stamp or seal.

Christopher Hess
QA Manager

ELAP#: 10709

Jeff Kaleta - FAX

Adirondack Environmental Services, Inc**CASE NARRATIVE****CLIENT:** Environmental Products & Services, Inc. of**Date:** 10-Feb-11**Project:** Columbia Eagle**Lab Order:** 110204043

Sample containers were supplied by Adirondack Environmental Services.

The analysis for TCLP was completed using totals analysis for the following constituents. This is allowed by method SW-846 1311 as per section 1.2.

Volatile Organics

Semi-Volatile Organics Analytical Comments for METHOD TCLP-VOL, SAMPLE 110204043-001A: Maximum temperature while turning was 21.1

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: 10-Feb-11

CLIENT: Environmental Products & Services, Inc. of
 Work Order: 110204043
 Reference: Columbia Eagle / 67 Howard St., Albany, NY
 PO#: A15135

Client Sample ID: Soil Pile #2
 Collection Date: 2/1/2011
 Lab Sample ID: 110204043-001
 Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS SW8082						
(Prep: SW3545 - 2/4/2011)						
Aroclor 1016	< 45	45		µg/Kg-dry	1	2/4/2011 4:07:31 PM
Aroclor 1221	< 45	45		µg/Kg-dry	1	2/4/2011 4:07:31 PM
Aroclor 1232	< 45	45		µg/Kg-dry	1	2/4/2011 4:07:31 PM
Aroclor 1242	< 45	45		µg/Kg-dry	1	2/4/2011 4:07:31 PM
Aroclor 1248	< 45	45		µg/Kg-dry	1	2/4/2011 4:07:31 PM
Aroclor 1254	< 45	45		µg/Kg-dry	1	2/4/2011 4:07:31 PM
Aroclor 1260	< 45	45		µg/Kg-dry	1	2/4/2011 4:07:31 PM
Aroclor 1262	< 45	45		µg/Kg-dry	1	2/4/2011 4:07:31 PM
Aroclor 1268	< 45	45		µg/Kg-dry	1	2/4/2011 4:07:31 PM
Surr: Decachlorobiphenyl	75.8	48.1-162		%REC	1	2/4/2011 4:07:31 PM
GASOLINE AND DIESEL RANGE ORGANICS SW8015M						
(Prep: SW8015B/3545 - 2/4/2011)						
TPH (Diesel)	79.9	13.6		µg/g-dry	1	2/8/2011 4:43:37 AM
Surr: o-terphenyl	118	60-140		%REC	1	2/8/2011 4:43:37 AM
TCLP MERCURY SW1311/7470A						
(Prep: SW7470A - 2/7/2011)						
Mercury-TCLP	< 0.020	0.020		mg/L	1	2/7/2011
TCLP METALS - ICP SW1311/6010A						
(Prep: SW1311 - 2/4/2011)						
Arsenic-TCLP	< 0.05	0.05		mg/L	1	2/7/2011 3:57:00 PM
Barium-TCLP	0.17	0.10		mg/L	1	2/7/2011 3:57:00 PM
Cadmium-TCLP	< 0.05	0.05		mg/L	1	2/7/2011 3:57:00 PM
Chromium-TCLP	< 0.05	0.05		mg/L	1	2/7/2011 3:57:00 PM
Lead-TCLP	< 0.05	0.05		mg/L	1	2/7/2011 3:57:00 PM
Selenium-TCLP	< 0.05	0.05		mg/L	1	2/7/2011 3:57:00 PM
Silver-TCLP	< 0.10	0.10		mg/L	1	2/7/2011 3:57:00 PM
TCLP SEMI-VOLATILES AS TOTALS SW8270C						
(Prep: SW3545 - 2/7/2011)						
1,4-Dichlorobenzene	< 0.67	0.67		µg/g-dry	1	2/7/2011 7:24:00 PM
2,4,5-Trichlorophenol	< 0.67	0.67		µg/g-dry	1	2/7/2011 7:24:00 PM
2,4,6-Trichlorophenol	< 0.67	0.67		µg/g-dry	1	2/7/2011 7:24:00 PM
2,4-Dinitrotoluene	< 0.67	0.67		µg/g-dry	1	2/7/2011 7:24:00 PM
2-Methylphenol	< 0.67	0.67		µg/g-dry	1	2/7/2011 7:24:00 PM
4-Methylphenol	< 0.67	0.67		µg/g-dry	1	2/7/2011 7:24:00 PM
Hexachlorobenzene	< 0.67	0.67		µg/g-dry	1	2/7/2011 7:24:00 PM
Hexachlorobutadiene	< 0.67	0.67		µg/g-dry	1	2/7/2011 7:24:00 PM

Adirondack Environmental Services, Inc

Date: 10-Feb-11

CLIENT: Environmental Products & Services, Inc. of
 Work Order: 110204043
 Reference: Columbia Eagle / 67 Howard St., Albany, NY
 PO#: A15135

Client Sample ID: Soil Pile #2
 Collection Date: 2/1/2011
 Lab Sample ID: 110204043-001
 Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TCLP SEMI-VOLATILES AS TOTALS SW8270C						Analyst: MT
(Prep: SW3546 - 2/7/2011)						
Hexachloroethane	< 0.67	0.67		µg/g-dry	1	2/7/2011 7:24:00 PM
Nitrobenzene	< 0.67	0.67		µg/g-dry	1	2/7/2011 7:24:00 PM
Pentachlorophenol	< 3.40	3.40		µg/g-dry	1	2/7/2011 7:24:00 PM
Pyridine	< 0.67	0.67		µg/g-dry	1	2/7/2011 7:24:00 PM
Surr: 2,4,6-Tribromophenol	58.0	4.9-176		%REC	1	2/7/2011 7:24:00 PM
Surr: 2-Fluorobiphenyl	81.0	32-142		%REC	1	2/7/2011 7:24:00 PM
Surr: 2-Fluorophenol	41.1	7.9-105		%REC	1	2/7/2011 7:24:00 PM
Surr: 4-Terphenyl-d14	87.8	35.4-169		%REC	1	2/7/2011 7:24:00 PM
Surr: Nitrobenzene-d5	68.9	25.2-135		%REC	1	2/7/2011 7:24:00 PM
Surr: Phenol-d5	48.4	18.4-101		%REC	1	2/7/2011 7:24:00 PM
VOLATILE ORGANICS-(SW5035 PREP) SW8260B						Analyst: ML
Tetrachloroethene	1500	340		µg/Kg-dry	50	2/4/2011 8:25:00 PM
Trichloroethene	2200	340		µg/Kg-dry	50	2/4/2011 8:25:00 PM
Surr: 1,2-Dichloroethane-d4	109	80.7-117		%REC	50	2/4/2011 8:25:00 PM
Surr: 4-Bromofluorobenzene	99.2	80.2-127		%REC	50	2/4/2011 8:25:00 PM
Surr: Toluene-d8	95.3	79.9-122		%REC	50	2/4/2011 8:25:00 PM
TCLP VOLATILES SW1311/8260						Analyst: ML
(Prep: SW1311 - 2/9/2011)						
1,1-Dichloroethene-TCLP	< 85	85	S	µg/L	17	2/10/2011 11:53:00 AM
1,2-Dichloroethene-TCLP	< 85	85		µg/L	17	2/10/2011 11:53:00 AM
1,4-Dichlorobenzene-TCLP	< 85	85		µg/L	17	2/10/2011 11:53:00 AM
2-Butanone-TCLP	< 170	170		µg/L	17	2/10/2011 11:53:00 AM
Benzene-TCLP	< 85	85		µg/L	17	2/10/2011 11:53:00 AM
Carbon tetrachloride-TCLP	< 85	85		µg/L	17	2/10/2011 11:53:00 AM
Chlorobenzene-TCLP	< 85	85		µg/L	17	2/10/2011 11:53:00 AM
Chloroform-TCLP	< 85	85		µg/L	17	2/10/2011 11:53:00 AM
Tetrachloroethene-TCLP	130	85		µg/L	17	2/10/2011 11:53:00 AM
Trichloroethene-TCLP	160	85		µg/L	17	2/10/2011 11:53:00 AM
Vinyl chloride-TCLP	< 170	170		µg/L	17	2/10/2011 11:53:00 AM
Surr: 1,2-Dichloroethane-d4	103	62.7-138		%REC	17	2/10/2011 11:53:00 AM
Surr: 4-Bromofluorobenzene	99.6	65-133		%REC	17	2/10/2011 11:53:00 AM
Surr: Toluene-d8	96.0	70-141		%REC	17	2/10/2011 11:53:00 AM
TCLP VOLATILES AS TOTALS (SW5035 PREP) SW8260B						Analyst: ML
1,1-Dichloroethene	< 0.34	0.34		µg/g-dry	50	2/4/2011 8:25:00 PM
1,2-Dichloroethene	< 0.34	0.34		µg/g-dry	50	2/4/2011 8:25:00 PM

Adirondack Environmental Services, Inc

Date: 10-Feb-11

CLIENT: Environmental Products & Services, Inc. of
 Work Order: 110204043
 Reference: Columbia Eagle / 67 Howard St., Albany, NY
 PO#: A15135

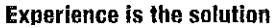
Client Sample ID: Soil Pile #2
 Collection Date: 2/1/2011
 Lab Sample ID: 110204043-001
 Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TCLP VOLATILES AS TOTALS (SW5035 PREP) SW8260B						Analyst: ML
1,4-Dichlorobenzene	< 0.34	0.34		µg/g-dry	50	2/4/2011 8:25:00 PM
2-Butanone	< 0.68	0.68		µg/g-dry	50	2/4/2011 8:25:00 PM
Benzene	< 0.34	0.34		µg/g-dry	50	2/4/2011 8:25:00 PM
Carbon tetrachloride	< 0.34	0.34		µg/g-dry	50	2/4/2011 8:25:00 PM
Chlorobenzene	< 0.34	0.34		µg/g-dry	50	2/4/2011 8:25:00 PM
Chloroform	0.65	0.34		µg/g-dry	50	2/4/2011 8:25:00 PM
Tetrachloroethene	1.49	0.34		µg/g-dry	50	2/4/2011 8:25:00 PM
Trichloroethene	2.22	0.34		µg/g-dry	50	2/4/2011 8:25:00 PM
Vinyl chloride	< 0.68	0.68		µg/g-dry	50	2/4/2011 8:25:00 PM
Surr: 1,2-Dichloroethane-d4	109	62.7-138		%REC	50	2/4/2011 8:25:00 PM
Surr: 4-Bromofluorobenzene	99.2	65-133		%REC	50	2/4/2011 8:25:00 PM
Surr: Toluene-d8	95.3	70-141		%REC	50	2/4/2011 8:25:00 PM

MOISURE CONTENT ASTM D2216 D2216

Analyst: KF

Percent Moisture	26.4	0.1		wt%	1	2/4/2011
------------------	------	-----	--	-----	---	----------



AES Work Order #

Adirondack Environmental Services, Inc.

APPENDIX C

Weight Slips – Colonie Landfill

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID	WEIGHMASTER		
02	441206	L6P1	B.Kennedy010326		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/09/11	02/09/11	08:49	09:12	761	
REFERENCE			ORIGIN		
CH 52			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 61800 LB
Scale 2 Tare Wt. 28660 LB
Net Weight 33140 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
16.57	TON	Petro Cont. Soil			0.00	
G/L # _____ \$ G/L # _____ \$ G/L # _____ \$ DATE: <u>2/16/11</u> APPROVAL: _____ ENTERED BY: _____			ALB	<i>A3004 Columbia Eagle</i>		

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To COLUMBIA EAGLE #2075

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID	WEIGHMASTER		
02	441212	L6P1	B.Kennedy010326		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/09/11	02/09/11	09:22	09:40	761	
REFERENCE			ORIGIN		
CH 97			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 97020 LB
Scale 2 Tare Wt. 36540 LB
Net Weight 60480 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.24	TON	Petro Cont. Soil			0.00	
G/L # _____ \$ G/L # _____ \$ G/L # _____ \$ DATE: <u>2/16/11</u> APPROVAL: _____ ENTERED BY: _____			ALB	<i>A3004 Columbia Eagle</i>		

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To COLUMBIA EAGLE #2032

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID		WEIGHMASTER	
02	441244	L6P1		B.Kennedy010326	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/09/11	02/09/11	11:05	11:05	761	
REFERENCE			ORIGIN		
CH 97			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 105040 LB
Manual Tare Wt. 36540 LB
Net Weight 68500 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.25	TON	Petro Cont. Soil	ALB		0.00	
		G/L # _____ \$		A 3004 Columbia Eagle		
		G/L # _____ \$				
		G/L # _____ \$				
		DATE: 2/16/11				
		APPROVAL: _____				
		ENTERED BY: _____				

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To COLUMBIA EAGLE #2033

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID		WEIGHMASTER	
02	441262	L6P1		M.Behuniak010324	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/09/11	02/09/11	12:12	12:35	761	
REFERENCE			ORIGIN		
CH 82			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 94820 LB
Scale 2 Tare Wt. 36260 LB
Net Weight 58560 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.28	TON	Petro Cont. Soil	ALB		0.00	
		G/L # _____ \$		A 3004 Columbia Eagle		
		G/L # _____ \$				
		G/L # _____ \$				
		DATE: 2/16/11				
		APPROVAL: _____				
		ENTERED BY: _____				

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To COLUMBIA EAGLE #3596

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID	WEIGHMASTER		
02	441276	L6P1	M.Behuniak010324		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/09/11	02/09/11	12:46	13:14	761	
REFERENCE			ORIGIN		
CH90			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 92520 LB
Scale 2 Tare Wt. 34940 LB
Net Weight 57580 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
28.79	TON	Petro-Gent. Soil			0.00	
		G/L # _____ \$ G/L # _____ \$ G/L # _____ \$ DATE: <u>2/16/11</u> APPROVAL: _____ ENTERED BY: _____ ALB A 3004 Columbia Eagle				

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To COLUMBIA EAGLE 3576

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID	WEIGHMASTER		
02	441285	L6P1	B.Kennedy010326		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/09/11	02/09/11	13:17	13:36	761	
REFERENCE			ORIGIN		
CH74			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 94680 LB
Scale 2 Tare Wt. 34580 LB
Net Weight 60100 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.05	TON	Petro Cont. Soil			0.00	
		G/L # _____ \$ G/L # _____ \$ G/L # _____ \$ DATE: <u>2/16/11</u> APPROVAL: _____ ENTERED BY: _____ ALB A 3004 Columbia Eagle				

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To COLUMBIA EAGLE #3575

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID	WEIGHMASTER		
02	441288	L6P1	B.Kennedy010326		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/09/11	02/09/11	13:39	13:58	761	
REFERENCE			ORIGIN		
CH 87			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 96520 LB
Scale 2 Tare Wt. 34420 LB
Net Weight 62100 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
31.05	TON	Petro Cont. Soil			0.00	
			ALB			
G/L #						
G/L #						
G/L #						
DATE: 2/16/11						
APPROVAL:						
ENTERED BY:						

A3004 Columbia Eagle

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To COLUMBIA EAGLE #2098

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID	WEIGHMASTER		
02	441293	L6P1	B.Kennedy010326		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/09/11	02/09/11	14:00	14:00	761	
REFERENCE			ORIGIN		
CH 97			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 100840 LB
Manual Tare Wt. 36540 LB
Net Weight 64300 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.15	TON	Petro Cont. Soil			0.00	
			ALB			
G/L #						
G/L #						
G/L #						
DATE: 2/16/11						
APPROVAL:						
ENTERED BY:						

A3004 Columbia Eagle

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To COLUMBIA EAGLE #2034

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID		WEIGHMASTER	
02	441318	L6P1		James P. Howlan	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/10/11	02/10/11	08:09	08:09	761	
REFERENCE			ORIGIN		
COREAGLE60			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 107240 LB
Manual Tare Wt. 36480 LB
Net Weight 70760 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
35.38	TON	Petro Cont. Soil			0.00	
			ALB			
G/L #			\$			
G/L #			\$			
G/L #			\$			
DATE: 2/16/11						
APPROVAL:						
ENTERED BY:						

A3004 Columbia Eagle

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To 2155

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID		WEIGHMASTER	
02	441322	L6P1		James P. Howlan	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/10/11	02/10/11	08:20	08:20	761	
REFERENCE			ORIGIN		
COREAGLE97			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 94760 LB
Manual Tare Wt. 36180 LB
Net Weight 58580 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.29	TON	Petro Cont. Soil			0.00	
			ALB			
G/L #			\$			
G/L #			\$			
G/L #			\$			
DATE: 2/16/11						
APPROVAL:						
ENTERED BY:						

A3004 Columbia Eagle

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To 2035

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID		WEIGHMASTER	
02	441327	L6P1		James P. Howlan	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/10/11	02/10/11	08:35	08:35	761	
REFERENCE			ORIGIN		
COREAGLE52			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 62740 LB
Manual Tare Wt. 28600 LB
Net Weight 34140 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
17.07	TON	Petro Cont. Soil			0.00	
		G/L # _____ \$				
		G/L # _____ \$				
		G/L # _____ \$				
		DATE: 2/16/11				
		APPROVAL: _____				
		ENTERED BY: _____				

ALB

A3004
Columbia
Eagle

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To 2881

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID		WEIGHMASTER	
02	441336	L6P1		James P. Howlan	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/10/11	02/10/11	09:39	09:39	761	
REFERENCE			ORIGIN		
COREAGLE60			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 103660 LB
Manual Tare Wt. 36480 LB
Net Weight 67180 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.59	TON	Petro Cont. Soil			0.00	
		G/L # _____ \$				
		G/L # _____ \$				
		G/L # _____ \$				
		DATE: 2/16/11				
		APPROVAL: _____				
		ENTERED BY: _____				

ALB

A3004
Columbia
Eagle

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To 2156

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID	WEIGHMASTER		
02	441340	L6P1	James P. Howlan		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/10/11	02/10/11	10:12	10:12	761	
REFERENCE			ORIGIN		
COREAGLE97			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 114960 LB
Manual Tare Wt. 36180 LB
Net Weight 78780 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
39.39	TON	Petro Cont. Soil			0.00	
		G/L # _____ \$ G/L # _____ \$ G/L # _____ \$ DATE: 2/16/11 APPROVAL: _____ ENTERED BY: _____	ALB A 3004 Columbia Eagle			

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To 2036

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID	WEIGHMASTER		
02	441345	L6P1	James P. Howlan		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/10/11	02/10/11	10:25	10:25	761	
REFERENCE			ORIGIN		
COREAGLE52			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 70380 LB
Manual Tare Wt. 28600 LB
Net Weight 41780 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
20.89	TON	Petro Cont. Soil			0.00	
		G/L # _____ \$ G/L # _____ \$ G/L # _____ \$ DATE: 2/16/11 APPROVAL: _____ ENTERED BY: _____	ALB A 3004 Columbia Eagle			

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To 2074

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID	WEIGHMASTER		
02	441356	L6P1	James P. Howlan		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/10/11	02/10/11	11:10	11:10	761	
REFERENCE			ORIGIN		
COREAGLE60			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 110020 LB
Manual Tare Wt. 36480 LB
Net Weight 73540 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.77	TON	Petro Cont. Soil			0.00	
G/L # _____ G/L # _____ G/L # _____ DATE: <u>2/16/11</u> APPROVAL: _____ ENTERED BY: _____						

ALB

A 3004
Columbia
Eagle

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To 2157

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID	WEIGHMASTER		
02	441375	L6P1	James P. Howlan		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/10/11	02/10/11	12:07	12:07	761	
REFERENCE			ORIGIN		
COREAGLE52			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 65940 LB
Manual Tare Wt. 28600 LB
Net Weight 37340 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.67	TON	Petro Cont. Soil			0.00	
G/L # _____ G/L # _____ G/L # _____ DATE: <u>2/16/11</u> APPROVAL: _____ ENTERED BY: _____						

ALB

A 3004
Columbia
Eagle

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To 2882

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID	WEIGHMASTER		
02	441389	L6P1	B.Kennedy010326		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/10/11	02/10/11	12:30	12:30	761	
REFERENCE			ORIGIN		
CH 97			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 118000 LB
Manual Tare Wt. 36180 LB
Net Weight 81820 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
40.91	TON	Petro Cont. Soil			0.00	
		G/L # _____ G/L # _____ G/L # _____ DATE: 2/16/11 APPROVAL: _____ ENTERED BY: _____		ALB A3004 Columbia Eagle		

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To COLUMBIA EAGLE #2037

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID	WEIGHMASTER		
02	441453	L6P1	James P. Howlan		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/11/11	02/11/11	08:39	08:39	761	
REFERENCE			ORIGIN		
COREAGLE60			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 102660 LB
Manual Tare Wt. 36480 LB
Net Weight 66180 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.09	TON	Petro Cont. Soil			0.00	
		G/L # _____ \$ _____ G/L # _____ \$ _____ G/L # _____ \$ _____ DATE: 2/16/11 APPROVAL: _____ ENTERED BY: _____		ALB A3004 Columbia Eagle		

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To 2263

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID		WEIGHMASTER	
02	441460	L6P1		James P. Howlan	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/11/11	02/11/11	09:03	09:03	761	
REFERENCE			ORIGIN		
COREAGLE52			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 64060 LB
Manual Tare Wt. 28600 LB
Net Weight 35460 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
17.73	TON	Petro Cont. Soil			0.00	
		G/L # _____ \$ _____	ALB	A 3004 Columbia Eagle		
		G/L # _____ \$ _____				
		G/L # _____ \$ _____				
		DATE: 2/16/11				
		APPROVAL: _____				
		ENTERED BY: _____				

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To 3462

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID		WEIGHMASTER	
02	441471	L6P1		James P. Howlan	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/11/11	02/11/11	09:36	09:36	761	
REFERENCE			ORIGIN		
COREAGLE97			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 115980 LB
Manual Tare Wt. 36180 LB
Net Weight 79800 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
39.90	TON	Petro Cont. Soil			0.00	
		G/L # _____ \$ _____	ALB	A 3004 Columbia Eagle		
		G/L # _____ \$ _____				
		G/L # _____ \$ _____				
		DATE: 2/16/11				
		APPROVAL: _____				
		ENTERED BY: _____				

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To 2038

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID		WEIGHMASTER	
02	441490	L6P1		James P. Howlan	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/11/11	02/11/11	10:57	10:57	761	
REFERENCE			ORIGIN		
COREAGLE52			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 67920 LB
Manual Tare Wt. 28600 LB
Net Weight 39320 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
19.66	TON	Petro Cont. Soil			0.00	

G/L # _____
G/L # _____
G/L # _____
DATE: 2/16/11
APPROVAL: _____
ENTERED BY: _____

ALB

A 3004
Columbia
Eagle

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To 3463

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID		WEIGHMASTER	
02	441493	L6P1		James P. Howlan	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/11/11	02/11/11	11:13	11:13	761	
REFERENCE			ORIGIN		
COREAGLE60			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 116620 LB
Manual Tare Wt. 36480 LB
Net Weight 80140 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
40.07	TON	Petro Cont. Soil			0.00	

G/L # _____
G/L # _____
G/L # _____
DATE: 2/16/11
APPROVAL: _____
ENTERED BY: _____

ALB

A 3004
Columbia
Eagle

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To 2264

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID	WEIGHMASTER			
02	441509	L6P1	James P. Howlan			
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF	
02/11/11	02/11/11	11:48	11:48	761		
REFERENCE		ORIGIN				
COREAGLE97		CALB CITY OF ALBANY				

Scale 1 Gross Wt. 110180 LB
Manual Tare Wt. 36180 LB
Net Weight 74000 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
37.00	TON	Petro Cont. Soil			0.00	
			ALB			
			G/L #	\$		
			G/L #	\$		
			G/L #	\$		
			DATE: 2/16/11			
			APPROVAL:			
			ENTERED BY:			

A3004
Columbia
Eagle

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To 2039

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID	WEIGHMASTER			
02	441516	L6P1	James P. Howlan			
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF	
02/11/11	02/11/11	12:06	12:06	761		
REFERENCE		ORIGIN				
COREAGLE28		CALB CITY OF ALBANY				

Scale 1 Gross Wt. 103620 LB
Manual Tare Wt. 38940 LB
Net Weight 64680 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.34	TON	Petro Cont. Soil			0.00	
			ALB			
			G/L #	\$		
			G/L #	\$		
			G/L #	\$		
			DATE: 2/16/11			
			APPROVAL:			
			ENTERED BY:			

A3004
Columbia
Eagle

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To 3612

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID		WEIGHMASTER	
02	441524	L6P1		B.Kennedy010326	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/11/11	02/11/11	12:31	12:31	761	
REFERENCE			ORIGIN		
CH 52			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 65080 LB
Manual Tare Wt. 28600 LB
Net Weight 36480 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.24	TON	Petro Cont. Soil			0.00	

A3004
Columbia
Eagle

GL #	\$	ALB
GL #	\$	
GL #	\$	
DATE	2/16/11	
APPROVAL		
ENTERED BY		

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To COLUMBIA EAGLE 3464

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID		WEIGHMASTER	
02	441534	L6P1		James P. Howlan	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/11/11	02/11/11	12:57	12:57	761	
REFERENCE			ORIGIN		
COREAGLE60			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 119160 LB
Manual Tare Wt. 36480 LB
Net Weight 82680 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
41.34	TON	Petro Cont. Soil			0.00	

A3004
Columbia
Eagle

GL #	\$	ALB
GL #	\$	
GL #	\$	
DATE	2/16/11	
APPROVAL		
ENTERED BY		

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To 2265

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID	WEIGHMASTER		
02	441547	L6P1	James P. Howlan		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/11/11	02/11/11	13:23	13:23	761	
REFERENCE			ORIGIN		
COREAGLE97			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 110700 LB
Manual Tare Wt. 36180 LB
Net Weight 74520 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
37.26	TON	Petro Cont. Soil			0.00	

A3004 Columbia Eagle

G/L #	
G/L #	
G/L #	
DATE	2/16/11
APPROVAL	
ENTERED BY	

ALB

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To 2040

SIGNATURE _____

Town of Colonie Envir. Service
1319 Loudon Road
Cohoes, New York 12047

000761 EPS of Vermont Inc.
40 HAMILTON LANE
GLENMONT NY 12077

SITE	TICKET	GRID	WEIGHMASTER		
02	441559	L6P1	James P. Howlan		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/11/11	02/11/11	13:53	13:53	761	
REFERENCE			ORIGIN		
COREAGLE28			CALB CITY OF ALBANY		

Scale 1 Gross Wt. 95020 LB
Manual Tare Wt. 38940 LB
Net Weight 56080 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
28.04	TON	Petro Cont. Soil			0.00	

A3004 Columbia Eagle

G/L #	
G/L #	
G/L #	
DATE	2/16/11
APPROVAL	
ENTERED BY	

LB

Operating hours 7AM to 3PM Monday thru Friday
and Saturday 7AM thru 2PM. This is to certify that this load
contains no hazardous materials, medical waste or liquids of
any type. All loads must be properly contained (tied & Tarp)
Ship To 3755

[Signature]

Town of Colonie Envir. Service
 1319 Loudon Road
 Cohoes, New York 12047

000761 EPS of Vermont Inc.
 40 HAMILTON LANE
 GLENMONT NY 12077

SITE	TICKET	GRID		WEIGHMASTER	
02	441760	L6P1		M.Behuniak010324	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/14/11	02/14/11	12:57	12:57	761	
REFERENCE			ORIGIN		
CH52			CALB CITY OF ALBANY		

Scale 1 Gross Wt.	52540	LB	Inbound - Charge ticket
Manual Tare Wt.	28600	LB	
Net Weight	23940	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
11.97	TON	Petro Cont. Soil			0.00	

A 3004
 Columbia
 Eagle

G/L # _____
 G/L # _____
 G/L # _____
 DATE: 2/16/11
 APPROVAL: _____
 ENTERED BY: _____

ALB

Operating hours 7AM to 3PM Monday thru Friday
 and Saturday 7AM thru 2PM. This is to certify that this load
 contains no hazardous materials, medical waste or liquids of
 any type. All loads must be properly contained (tied & Tarp)
 Ship To COLUMBIAA EAGLE 3465

SIGNATURE _____

TENDERED
CHANGE
CHECK NO.

APPENDIX D

**Waste Characterization Data
CWM Model City**



Experience is the solution

314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4646 ♦ Fax (518) 434-0891

February 03, 2011

Jeff Kaleta
Environmental Products & Services, Inc. of VT
40 Hamilton Lane
Glenmont, NY 12077

Work Order No: 110202025

TEL: (518) 465-4000
FAX: (518) 465-5722

RE: Columbia Eagle
67 Howard St., Albany, NY

Dear Jeff Kaleta:

Adirondack Environmental Services, Inc received 1 sample on 2/2/2011 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, appearing to read "Tara Daniels", is written over a horizontal line.

Tara Daniels
Laboratory Manager

ELAP#: 10709

Jeff Kaleta - FAX

Adirondack Environmental Services, Inc**CASE NARRATIVE****CLIENT:** Environmental Products & Services, Inc. of**Date:** 03-Feb-11**Project:** Columbia Eagle**Lab Order:** 110202025

Sample containers were supplied by Adirondack Environmental Services.

Qualifiers: ND - Not Detected at reporting limit
J - Analyte detected below quantitation limit
B - Analyte detected in Blank
X - Exceeds maximum contamination limit
H - Hold time exceeded

S - LCS Spike recovery outside acceptable limits
R - Duplication outside acceptable limits
T - Tentatively Identified Compound-Estimated
B - Above quantitation range-Estimated
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: 03-Feb-11

CLIENT: Environmental Products & Services, Inc. of
Work Order: 110202025
Reference: Columbia Eagle / 67 Howard St., Albany, NY
PO#:

Client Sample ID: Soil Pile #3
Collection Date: 2/1/2011
Lab Sample ID: 110202025-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5035 PREP) SW8260B						Analyst: ML
Tetrachloroethane	13000	310		µg/Kg-dry	50	2/3/2011 12:12:00 PM
Trichloroethene	2100	310		µg/Kg-dry	50	2/3/2011 12:12:00 PM
Surr: 1,2-Dichloroethane-d4	104	80.7-117		%REC	50	2/3/2011 12:12:00 PM
Surr: 4-Bromofluorobenzene	99.2	80.2-127		%REC	50	2/3/2011 12:12:00 PM
Surr: Toluene-d8	97.3	79.9-122		%REC	50	2/3/2011 12:12:00 PM
MOISURE CONTENT ASTM D2216 D2216						Analyst: PF
Percent Moisture	19.1	0.1		wt%	1	2/3/2011

APPENDIX E

**Uniform Hazardous Waste Manifest
CWM Model City**



Transporter Log

CWM Chemical Services, Inc.

Model City, NY

182189

Cubic Yards

216 307- 1107 B4 217

Receipt # Trailer License Plate # and State

950 316 NY 30000 42-314

Service Req. # Profile # Permit #

CLD 11/11 11/11/11 R 300/11/11/11

Transporter Name Tractor/Trailer/Roll-off #

Adam Scott COLUMBIA EAGLE

Driver's Name Generator

Scheduled Arrival:

Actual Arrival:

Date Time

Date Time In Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify)

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory

Time In Time Out Initials Comments

Stabilization

Time In Time Out Initials Gross Wt. Comments

Landfill

Time In Time Out Initials Comments

Other

Time In Time Out Initials Comments

Aqueous Treatment

Time In Time Out Signature (NO Initials) Comments

Facility Personnel (please initial)

Smoking or eating in prohibited areas

Leaving truck unattended

Failure to obey instructions of facility personnel

Failure to display overweight flag

Failure to wear appropriate PPE

Improper tarping or detarpin

Unsafe driving practices

Overweight upon arrival

Other (specify)

Security Guard Initials:

(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

68280 P

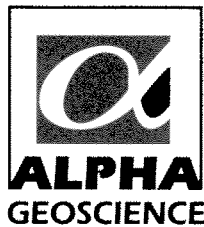
Receiving: L

Initials: Comments

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYR000180018	2. Page 1 of 1	3. Emergency Response Phone 800-377-4667	4. Manifest Tracking Number 002474451 FLE	
5. Generator's Name and Mailing Address COLUMBIA EAGLE, LLC 302 WASHINGTON AVE. EXT. ALBANY NY 12203 Generator's Phone: 518 862-9113			Generator's Site Address (if different than mailing address) 87 HOWARD STREET ALBANY, NY 12207			
6. Transporter 1 Company Name CEDAR HILL TRUCKING			U.S. EPA ID Number NYR000168480			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address OWN CHEMICAL SERVICES, LLC 1550 BALMER RD. MODEL CITY NY 14107 Facility's Phone: (716) 286-1550			U.S. EPA ID Number NYD049836679			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. RQ Hazardous waste, solid, n.o.s. (Tetrachloroethylene, Trichloroethylene) 9, NA3077, III	1	DT	32	T	D039 D040
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 1. Profile # NY3022453R# 350318 ERG# 171 JOB#A2004 PC#A15175 2. 3. 4. 81043507						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offeror's Printed/Typed Name		Signature		Month Day Year		
16. International Shipments ☐ Import to U.S. Transporter signature (for exports only):		☐ Export from U.S. Port of entry/exit: Date leaving U.S.:				
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Adam Scott		Signature		Month Day Year 2 14 21		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. H132		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name		Signature		Month Day Year		

APPENDIX F

**Data Usability Summary Report
AlphaGeoscience**



Geology

Hydrology

Remediation

Water Supply

March 11, 2011

Mr. Seth H. Fowler, CHMM
Clough, Harbour, & Associates LLP
III Winners Circle
P.O. Box 5269
Albany, New York 12205-0269

Re: Data Validation Report
Howard Street Site
January-February 2011 Soil Sampling Events

Dear Mr. Fowler:

The data usability summary reports (DUSR) and data validation summaries are attached to this letter for the Howard Street site, January-February 2011 soil sampling events. The data for the following NEA PACE Analytical NEA report IDs were acceptable with some minor issues that are identified and discussed in the validation summaries.

11010172
11020003

11010177
11020007

11010195
11020027

There were no data that were qualified as unusable (R). A list of common data validation acronyms is attached to this letter to assist you in interpreting the validation summaries. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist Clough, Harbour, & Associates LLP.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA:dca
attachments

Z:\projects\2011\11600-11620\11605-howard street\howard street-111.ltr.wpd

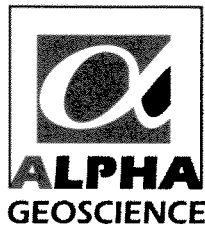
Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

- U = Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
- R = Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
- N = Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
- J = Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
- UJ = Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.



Geology

Hydrology

Remediation

Water Supply

**Data Usability Summary Report for
NEA PACE Analytical, NEA Report ID: 11010172**

**2 Soil Samples
Collected January 26, 2011**

Prepared by: Donald Anné
March 11, 2011

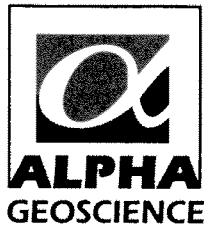
The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of volatile analyses for 2 soil samples.

The overall performances of the analyses are acceptable. NEA PACE Analytical did fulfill the requirements of the analytical method.

The data are acceptable with some issues that are identified in the accompanying data validation review. The following data were flagged:

- The positive volatile result for acetone was flagged as “estimated” (J) in sample S001BJH012611 because 2 of 4 surrogate recoveries were above control limits for sample S001BJH012611.
- The “not detected” volatile results for 22 compounds were flagged as “estimated” (J) in sample S001BJH012611 because the internal standard used to quantitate these compounds was below control limits in sample S001BJH012611.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.



**QA/QC Review of 8260 Volatiles Data for
NEA PACE Analytical, NEA Report ID: 11010172**

**2 Soil Samples
Collected January 26, 2011**

Prepared by: Donald Anné
March 11, 2011

Geology

Hydrology

Remediation

Water Supply

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The SPCCs and CCCs were within method 8260B criteria.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The SPCCs and CCCs were within method 8260B criteria.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %D for bromomethane was above the allowable maximum (25%) on 01-27-11 (M8012702). Positive results for bromomethane should be considered estimated (J) in associated samples.

Blanks: The analysis of the method blank reported target compounds as not detected.

Internal Standard Area Summary: The internal standard retention times were within control limits. One of three internal standard areas (IS2) for sample S001BJH012611 was below control limits. Positive and "not detected" results for compounds that are quantitated using internal standard IS2 should be considered estimated (J) in sample S001BJH012611.

Surrogate Recovery: Two of four surrogate recoveries for sample S001BJH012611 were above control limits. Positive results should be considered estimated (J) for sample S001BJH012611.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for spiked compounds were below the allowable maximum and the percent recoveries were within QC limits for soil MS/MSD sample S001BJH012611.

Laboratory Control Sample: The percent recoveries for spiked compounds were within QC limits for soil sample AO00889LCS.

Compound ID: Checked compounds were within GC/MS quantitation and qualification limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in SW846.

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: PACE ANALYTICAL - NY LAB Contract:
 Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010172CHA
 Instrument ID: GCMS8 Calibration Date: 01/27/11 Time: 0838
 Lab File ID: M8012702 Init. Calib. Date(s): 12/08/10 12/08/10
 Heated Purge: (Y/N) Y Init. Calib. Times: 1549 1829
 GC Column: RTX-VMS ID: 0.25 (mm)

COMPOUND	RRF	RRF40	MIN RRF	%D	MAX %D
bromomethane	0.198	0.133	0.01	32.8	20.0
1,2-dichloroethane-d4	0.366	0.376	0.01	2.7	20.0
toluene-d8	1.423	1.425	0.01	0.1	20.0
bromofluorobenzene	1.382	1.368	0.01	1.0	20.0
Dibromofluoromethane	0.238	0.255	0.01	7.1	20.0

<-

FORM VII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: PACE ANALYTICAL - NY LAB Contract:
 Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010172CHA
 Lab File ID (Standard): M8012702 Date Analyzed: 01/27/11
 Instrument ID: GCMS8 Time Analyzed: 0838
 GC Column: RTX-VMS ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1(CBZ) AREA #	RT #	IS2(DCB) AREA #	RT #	IS3 AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	156313	12.27	70831	13.80	198395	9.04
UPPER LIMIT	312626	12.77	141662	14.30	396790	9.54
LOWER LIMIT	78157	11.77	35416	13.30	99198	8.54
=====	=====	=====	=====	=====	=====	=====
CLIENT SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 AO00889LCS	150757	12.26	72201	13.80	209745	9.05
02 AO00889BLANK	155258	12.28	73654	13.81	201983	9.05
03 S001BJH012611	84144	12.26	11897*	13.80	171685	9.05
04 S001BJH012611ms	155428	12.27	62117	13.80	197554	9.05
05 S001BJH012611ms	124125	12.27	32171*	13.80	189929	9.05
06 S002BJH012611	133831	12.26	46841	13.80	199887	9.06
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS1 (CBZ) = chlorobenzene-d5
 IS2 (DCB) = 1,4-Dichlorobenzene-d4
 IS3 = Fluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT
 RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010172CHA

Level: (low/med) LOW

	CLIENT SAMPLE NO.	SMC1 #	SMC2 (BFB) #	SMC3 (TOL) #	OTHER (DCE) #	TOT OUT
01	AO00889LCS	100	97	105	94	0
02	AO00889BLANK	98	95	100	98	0
03	S001BJH01261	106	174*	133*	100	2
04	S001BJH01261	102	102	102	99	0
05	S001BJH01261	108	142*	118*	102	2
06	S002BJH01261	95	120	111	96	0
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

QC LIMITS

SMC1 = Dibromofluoromethane (80-120)

SMC2 (BFB) = bromofluorobenzene (74-121)

SMC3 (TOL) = toluene-d8 (81-117)

OTHER(DCE) = 1,2-dichloroethane-d4 (80-120)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

S001BJH012611

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010172CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO00889

Sample wt/vol: 0.6 (g/mL) G Lab File ID: M8012706

Level: (low/med) LOW Date Received: 01/26/11

% Moisture: not dec. 26 Date Analyzed: 01/27/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1634-04-4	Methyl-tert-butyl-ether	23.3	U
142-28-9	1,3-dichloropropane	23.3	U
74-97-5	bromochloromethane	23.3	U
74-87-3	chloromethane	23.3	U
74-83-9	bromomethane	23.3	U
75-01-4	vinyl chloride	23.3	U
75-00-3	chloroethane	23.3	U
75-09-2	methylene chloride	117	U
67-64-1	acetone	248	J
75-15-0	carbon disulfide	23.3	U
75-35-4	1,1-dichloroethene	23.3	U
75-34-3	1,1-dichloroethane	23.3	U
67-66-3	chloroform	23.3	U
107-06-2	1,2-dichloroethane	23.3	U
78-93-3	2-butanone	23.3	U
71-55-6	1,1,1-trichloroethane	23.3	U
56-23-5	carbon tetrachloride	23.3	U
75-27-4	bromodichloromethane	23.3	U
78-87-5	1,2-dichloropropane	23.3	U
10061-01-5	cis-1,3-dichloropropene	23.3	U
79-01-6	trichloroethene	23.3	U
124-48-1	dibromochloromethane	23.3	U
79-00-5	1,1,2-trichloroethane	23.3	U
71-43-2	benzene	23.3	U
10061-02-6	trans-1,3-dichloropropene	23.3	U
75-25-2	bromoform	23.3	U J
108-10-1	4-methyl-2-pentanone	23.3	U
591-78-6	2-hexanone	23.3	U
127-18-4	tetrachloroethene	23.3	U
79-34-5	1,1,2,2-tetrachloroethane	23.3	U J
108-88-3	toluene	23.3	U
108-90-7	chlorobenzene	23.3	U
100-41-4	ethylbenzene	23.3	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS26-JAN-2011 16:05

S001BJH012611

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010172CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO00889

Sample wt/vol: 0.6 (g/mL) G Lab File ID: M8012706

Level: (low/med) LOW Date Received: 01/26/11

% Moisture: not dec. 26 Date Analyzed: 01/27/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
100-42-5	styrene	23.3	U
75-71-8	Dichlorodifluoromethane	23.3	U
75-69-4	Trichlorofluoromethane	23.3	U
108-05-4	Vinyl Acetate	23.3	U
110-75-8	2-Chloroethyl vinyl ether	23.3	U
541-73-1	1,3-Dichlorobenzene	23.3	U
106-46-7	1,4-Dichlorobenzene	23.3	U
95-50-1	1,2-Dichlorobenzene	23.3	U
594-20-7	2,2-Dichloropropane	23.3	U
563-58-6	1,1-Dichloropropene	23.3	U
74-95-3	Dibromomethane	23.3	U
106-93-4	1,2-Dibromoethane	23.3	U
630-20-6	1,1,1,2-Tetrachloroethane	23.3	U
98-82-8	Isopropyl benzene	23.3	U
108-86-1	Bromobenzene	23.3	U
96-18-4	1,2,3-Trichloropropane	23.3	U
106-65-1	n-Propylbenzene	23.3	U
95-49-8	2-Chlorotoluene	23.3	U
108-67-8	1,3,5-Trimethylbenzene	23.3	U
106-43-4	4-Chlorotoluene	23.3	U
98-06-6	tert-Butylbenzene	23.3	U
95-63-6	1,2,4-Trimethylbenzene	23.3	U
135-98-8	sec-Butylbenzene	23.3	U
99-87-6	Isopropyltoluene	23.3	U
104-51-8	n-Butylbenzene	23.3	U
96-12-8	1,2-dibromo-3-chloropropane	23.3	U
120-82-1	1,2,4-Trichlorobenzene	23.3	U
87-68-3	Hexachlorobutadiene	23.3	U
91-20-3	Naphthalene	23.3	U
87-61-6	1,2,3-Trichlorobenzene	23.3	U
95-47-6	o-xylene	23.3	U
1330-20-7mp	m,p-xylenes	23.3	U
156-59-2	cis-1,2-Dichloroethene	23.3	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS26-JAN-2011 16:05

S001BJH012611

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010172CHA

Matrix: (soil/water) SOIL Lab Sample ID: A000889

Sample wt/vol: 0.6 (g/mL) G Lab File ID: M8012706

Level: (low/med) LOW Date Received: 01/26/11

% Moisture: not dec. 26 Date Analyzed: 01/27/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
156-60-5-----	trans-1,2-dichloroethene	23.3	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS26-JAN-2011 16:05

S002BJH012611

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010172CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO00890

Sample wt/vol: 0.5 (g/mL) G Lab File ID: M8012710

Level: (low/med) LOW Date Received: 01/26/11

% Moisture: not dec. 30 Date Analyzed: 01/27/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1634-04-4	Methyl-tert-butyl-ether	27.9	U
142-28-9	1,3-dichloropropane	27.9	U
74-97-5	bromochloromethane	27.9	U
74-87-3	chloromethane	27.9	U
74-83-9	bromomethane	27.9	U
75-01-4	vinyl chloride	27.9	U
75-00-3	chloroethane	27.9	U
75-09-2	methylene chloride	139	U
67-64-1	acetone	139	U
75-15-0	carbon disulfide	27.9	U
75-35-4	1,1-dichloroethene	27.9	U
75-34-3	1,1-dichloroethane	27.9	U
67-66-3	chloroform	27.9	U
107-06-2	1,2-dichloroethane	27.9	U
78-93-3	2-butanone	27.9	U
71-55-6	1,1,1-trichloroethane	27.9	U
56-23-5	carbon tetrachloride	27.9	U
75-27-4	bromodichloromethane	27.9	U
78-87-5	1,2-dichloropropane	27.9	U
10061-01-5	cis-1,3-dichloropropene	27.9	U
79-01-6	trichloroethene	27.9	U
124-48-1	dibromochloromethane	27.9	U
79-00-5	1,1,2-trichloroethane	27.9	U
71-43-2	benzene	27.9	U
10061-02-6	trans-1,3-dichloropropene	27.9	U
75-25-2	bromoform	27.9	U
108-10-1	4-methyl-2-pentanone	27.9	U
591-78-6	2-hexanone	27.9	U
127-18-4	tetrachloroethene	27.9	U
79-34-5	1,1,2,2-tetrachloroethane	27.9	U
108-88-3	toluene	27.9	U
108-90-7	chlorobenzene	27.9	U
100-41-4	ethylbenzene	27.9	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS26-JAN-2011 16:05

S002BJH012611

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010172CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO00890

Sample wt/vol: 0.5 (g/mL) G Lab File ID: M8012710

Level: (low/med) LOW Date Received: 01/26/11

% Moisture: not dec. 30 Date Analyzed: 01/27/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-42-5	styrene	27.9	U
75-71-8	Dichlorodifluoromethane	27.9	U
75-69-4	Trichlorofluoromethane	27.9	U
108-05-4	Vinyl Acetate	27.9	U
110-75-8	2-Chloroethyl vinyl ether	27.9	U
541-73-1	1,3-Dichlorobenzene	27.9	U
106-46-7	1,4-Dichlorobenzene	27.9	U
95-50-1	1,2-Dichlorobenzene	27.9	U
594-20-7	2,2-Dichloropropane	27.9	U
563-58-6	1,1-Dichloropropene	27.9	U
74-95-3	Dibromomethane	27.9	U
106-93-4	1,2-Dibromoethane	27.9	U
630-20-6	1,1,1,2-Tetrachloroethane	27.9	U
98-82-8	Isopropyl benzene	27.9	U
108-86-1	Bromobenzene	27.9	U
96-18-4	1,2,3-Trichloropropane	27.9	U
106-65-1	n-Propylbenzene	27.9	U
95-49-8	2-Chlorotoluene	27.9	U
108-67-8	1,3,5-Trimethylbenzene	27.9	U
106-43-4	4-Chlorotoluene	27.9	U
98-06-6	tert-Butylbenzene	27.9	U
95-63-6	1,2,4-Trimethylbenzene	27.9	U
135-98-8	sec-Butylbenzene	27.9	U
99-87-6	Isopropyltoluene	27.9	U
104-51-8	n-Butylbenzene	27.9	U
96-12-8	1,2-dibromo-3-chloropropane	27.9	U
120-82-1	1,2,4-Trichlorobenzene	27.9	U
87-68-3	Hexachlorobutadiene	27.9	U
91-20-3	Naphthalene	27.9	U
87-61-6	1,2,3-Trichlorobenzene	27.9	U
95-47-6	o-xylene	27.9	U
1330-20-7mp	m,p-xylenes	27.9	U
156-59-2	cis-1,2-Dichloroethene	27.9	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS26-JAN-2011 16:05

S002BJH012611

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010172CHA

Matrix: (soil/water) SOIL Lab Sample ID: A000890

Sample wt/vol: 0.5 (g/mL) G Lab File ID: M8012710

Level: (low/med) LOW Date Received: 01/26/11

% Moisture: not dec. 30 Date Analyzed: 01/27/11

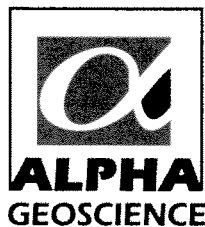
GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

156-60-5-----trans-1,2-dichloroethene	27.9	U
---------------------------------------	------	---

FORM I VOA



Geology

Hydrology

Remediation

Water Supply

**Data Usability Summary Report for
NEA PACE Analytical, NEA Report ID: 11010177**

**1 Soil Sample
Collected January 27, 2011**

Prepared by: Donald Anné
March 11, 2011

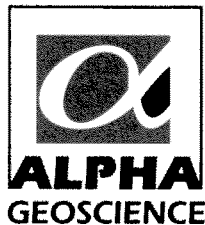
The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of volatile analyses for 1 soil sample.

The overall performances of the analyses are acceptable. NEA PACE Analytical did fulfill the requirements of the analytical method.

The data are acceptable with some issues that are identified in the accompanying data validation review. The following data were flagged:

- The positive volatile result for trichloroethene was flagged as “estimated” (J) in sample S003WJH012711 because 1 of 4 surrogate recoveries was above control limits for sample S003WJH012711.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of 8260 Volatiles Data for
NEA PACE Analytical, NEA Report ID: 11010177**

**1 Soil Sample
Collected January 27, 2011**

Prepared by: Donald Anné
March 11, 2011

Holding Times: Sample S003WJH012711 was analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The SPCCs and CCCs were within method 8260B criteria.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The SPCCs and CCCs were within method 8260B criteria.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %D for bromomethane was above the allowable maximum (25%) on 01-27-11 (M8012702). Positive results for bromomethane should be considered estimated (J) in associated samples.

Blanks: The analysis of the method blank reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: One of four surrogate recoveries for sample S003WJH012711 was above control limits. Positive results should be considered estimated (J) for sample S003WJH012711.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for spiked compounds were below the allowable maximum and the percent recoveries were within QC limits for soil MS/MSD sample S001BJH012611. (This data is from NEA report ID: 11010172)

Laboratory Control Sample: The percent recoveries for spiked compounds were within QC limits for soil sample AO00889LCS.

Compound ID: Checked compounds were within GC/MS quantitation and qualification limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in SW846.

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: PACE ANALYTICAL - NY LAB Contract:
Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010177CHA
Level: (low/med) LOW

	CLIENT SAMPLE NO.	SMC1 #	SMC2 (BFB) #	SMC3 (TOL) #	OTHER (DCE) #	TOT OUT
01	AO00889LCS	100	97	105	94	0
02	AO00889BLANK	98	95	100	98	0
03	S003WJH012711	98	122*	113	99	1
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

QC LIMITS

SMC1 = Dibromofluoromethane (80-120)
SMC2 (BFB) = bromofluorobenzene (74-121)
SMC3 (TOL) = toluene-d8 (81-117)
OTHER(DCE) = 1,2-dichloroethane-d4 (80-120)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D System Monitoring Compound diluted out

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: PACE ANALYTICAL - NY LAB Contract:
 Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010177CHA
 Instrument ID: GCMS8 Calibration Date: 01/27/11 Time: 0838
 Lab File ID: M8012702 Init. Calib. Date(s): 12/08/10 12/08/10
 Heated Purge: (Y/N) Y Init. Calib. Times: 1549 1829
 GC Column: RTX-VMS ID: 0.25 (mm)

COMPOUND	RRF	RRF40	MIN RRF	%D	MAX %D
bromomethane	0.198	0.133	0.01	32.8	20.0
1,2-dichloroethane-d4	0.366	0.376	0.01	2.7	20.0
toluene-d8	1.423	1.425	0.01	0.1	20.0
bromofluorobenzene	1.382	1.368	0.01	1.0	20.0
Dibromofluoromethane	0.238	0.255	0.01	7.1	20.0

<-

FORM VII VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS27-JAN-2011 15:00

S003WJH012711

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010177CHA

Matrix: (soil/water) SOIL Lab Sample ID: A000907

Sample wt/vol: 0.8 (g/mL) G Lab File ID: M8012715

Level: (low/med) LOW Date Received: 01/27/11

% Moisture: not dec. 25 Date Analyzed: 01/27/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1634-04-4	Methyl-tert-butyl-ether	16.6	U
142-28-9	1,3-dichloropropane	16.6	U
74-97-5	bromochloromethane	16.6	U
74-87-3	chloromethane	16.6	U
74-83-9	bromomethane	16.6	U
75-01-4	vinyl chloride	16.6	U
75-00-3	chloroethane	16.6	U
75-09-2	methylene chloride	82.8	U
67-64-1	acetone	82.8	U
75-15-0	carbon disulfide	16.6	U
75-35-4	1,1-dichloroethene	16.6	U
75-34-3	1,1-dichloroethane	16.6	U
67-66-3	chloroform	16.6	U
107-06-2	1,2-dichloroethane	16.6	U
78-93-3	2-butanone	16.6	U
71-55-6	1,1,1-trichloroethane	16.6	U
56-23-5	carbon tetrachloride	16.6	U
75-27-4	bromodichloromethane	16.6	U
78-87-5	1,2-dichloropropane	16.6	U
10061-01-5	cis-1,3-dichloropropene	16.6	U
79-01-6	trichloroethene	25.6	J
124-48-1	dibromochloromethane	16.6	U
79-00-5	1,1,2-trichloroethane	16.6	U
71-43-2	benzene	16.6	U
10061-02-6	trans-1,3-dichloropropene	16.6	U
75-25-2	bromoform	16.6	U
108-10-1	4-methyl-2-pentanone	16.6	U
591-78-6	2-hexanone	16.6	U
127-18-4	tetrachloroethene	16.6	U
79-34-5	1,1,2,2-tetrachloroethane	16.6	U
108-88-3	toluene	16.6	U
108-90-7	chlorobenzene	16.6	U
100-41-4	ethylbenzene	16.6	U

FORM I VOA

S003WJH012711

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010177CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO00907

Sample wt/vol: 0.8 (g/mL) G Lab File ID: M8012715

Level: (low/med) LOW Date Received: 01/27/11

% Moisture: not dec. 25 Date Analyzed: 01/27/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

100-42-5	styrene	16.6	U
75-71-8	Dichlorodifluoromethane	16.6	U
75-69-4	Trichlorofluoromethane	16.6	U
108-05-4	Vinyl Acetate	16.6	U
110-75-8	2-Chloroethyl vinyl ether	16.6	U
541-73-1	1,3-Dichlorobenzene	16.6	U
106-46-7	1,4-Dichlorobenzene	16.6	U
95-50-1	1,2-Dichlorobenzene	16.6	U
594-20-7	2,2-Dichloropropane	16.6	U
563-58-6	1,1-Dichloropropene	16.6	U
74-95-3	Dibromomethane	16.6	U
106-93-4	1,2-Dibromoethane	16.6	U
630-20-6	1,1,1,2-Tetrachloroethane	16.6	U
98-82-8	Isopropyl benzene	16.6	U
108-86-1	Bromobenzene	16.6	U
96-18-4	1,2,3-Trichloropropane	16.6	U
106-65-1	n-Propylbenzene	16.6	U
95-49-8	2-Chlorotoluene	16.6	U
108-67-8	1,3,5-Trimethylbenzene	16.6	U
106-43-4	4-Chlorotoluene	16.6	U
98-06-6	tert-Butylbenzene	16.6	U
95-63-6	1,2,4-Trimethylbenzene	16.6	U
135-98-8	sec-Butylbenzene	16.6	U
99-87-6	Isopropyltoluene	16.6	U
104-51-8	n-Butylbenzene	16.6	U
96-12-8	1,2-dibromo-3-chloropropane	16.6	U
120-82-1	1,2,4-Trichlorobenzene	16.6	U
87-68-3	Hexachlorobutadiene	16.6	U
91-20-3	Naphthalene	16.6	U
87-61-6	1,2,3-Trichlorobenzene	16.6	U
95-47-6	o-xylene	16.6	U
1330-20-7mp	m,p-xylenes	16.6	U
156-59-2	cis-1,2-Dichloroethene	16.6	U

FORM I VOA

Lab Name: PACE ANALYTICAL - NY LAB Contract:

S003WJH012711

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010177CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO00907

Sample wt/vol: 0.8 (g/mL) G Lab File ID: M8012715

Level: (low/med) LOW Date Received: 01/27/11

% Moisture: not dec. 25 Date Analyzed: 01/27/11

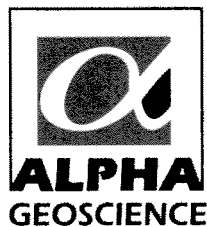
GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

156-60-5-----trans-1,2-dichloroethene	16.6	U
---------------------------------------	------	---

FORM I VOA



**Data Usability Summary Report for
NEA PACE Analytical, NEA Report ID: 11010195**

**5 Soil Samples
Collected January 31, 2011**

Prepared by: Donald Anné
March 11, 2011

Geology

Hydrology

Remediation

Water Supply

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of volatile analyses for 5 soil samples.

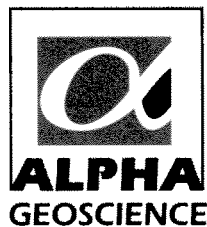
The overall performances of the analyses are acceptable. NEA PACE Analytical did fulfill the requirements of the analytical method.

The data are acceptable with some issues that are identified in the accompanying data validation review. The following data were flagged:

- The positive volatile results for naphthalene were flagged as “estimated” (J) in samples S005BJH013111 and S007BJH013111 because 2 of 4 surrogate recoveries were above control limits for samples S001BJH012611 and S005BJH013111.
- The positive volatile result for tetrachloroethene was flagged as “estimated” (J) in sample S006WJH013111 because 1 of 4 surrogate recoveries was above control limits for sample S006WJH013111.
- The “not detected” volatile results for 22 compounds were flagged as “estimated” (J) in samples S006WJH013111 and S008WJH013111 because the internal standard used to quantitate these compounds was below control limits in samples S006WJH013111 and S008WJH013111.
- The “not detected” volatile results for 21 compounds were flagged as “estimated” (J) in samples S005BJH013111 and S007BJH013111 because the internal standard used to quantitate these compounds was below control limits in samples S001BJH012611 and S007BJH013111.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

Z:\projects\2011\11600-11620\11605-howard street\11010195.dus.wpd



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of 8260 Volatiles Data for
NEA PACE Analytical, NEA Report ID: 11010195**

**5 Soil Samples
Collected January 31, 2011**

Prepared by: Donald Anné
March 11, 2011

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The SPCCs and CCCs were within method 8260B criteria.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The SPCCs and CCCs were within method 8260B criteria.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for bromomethane and 1,2-dibromo-2-chloropropane were above the allowable maximum (25%) on 02-01-11 (M5020102). The %D for 2-chloroethyl vinyl ether was above the allowable maximum (25%) on 02-01-11 (M5020108). The %D for bromomethane was above the allowable maximum (25%) on 02-01-11 (M8020102). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank contained an unacceptable level of hexachlorobutadiene (124 ug/kg). Positive results for hexachlorobutadiene that are less than the method blank level should be reported as unusable (R) in associated samples.

Internal Standard Area Summary: The internal standard retention times were within control limits. One of three internal standard areas (IS2) for samples S005BJH013111, S006WJH013111, S007BJH013111, and S008WJH013111 was below control limits. Positive and "not detected" results for compounds that are quantitated using internal standard IS2 should be considered estimated (J) in samples S005BJH013111, S006WJH013111, S007BJH013111, and S008WJH013111.

Surrogate Recovery: Two of four surrogate recoveries for samples S005BJH013111, S007BJH013111, and S008WJH013111 were above control limits. One of four surrogate recoveries for sample S006WJH013111 was above control limits. Positive results should be considered estimated (J) for samples S005BJH013111, S006WJH013111, S007BJH013111, and S008WJH013111.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for spiked compounds were below the allowable maximum and the percent recoveries were within QC limits for soil MS/MSD sample S001BJH012611. (This data is from NEA report ID: 11010172)

Laboratory Control Sample: The percent recoveries for spiked compounds were within QC limits for soil samples AO00982LCS, AO00983LCS, and AO00985LCS.

Compound ID: Checked compounds were within GC/MS quantitation and qualification limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in SW846.

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA

Level: (low/med) LOW

	CLIENT SAMPLE NO.	SMC1 #	SMC2 (BFB) #	SMC3 (TOL) #	OTHER (DCE) #	TOT OUT
01	AO00983LCS *	105	97	104	105	0
02	AO00983BLANK	99	91	101	97	0
03	S005BJH01311	101	139*	119*	100	2
04	S006WJH01311	105	118	126*	101	1
05	S007BJH01311	105	151*	122*	104	2
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

QC LIMITS

SMC1 = Dibromofluoromethane (80-120)

SMC2 (BFB) = bromofluorobenzene (74-121)

SMC3 (TOL) = toluene-d8 (81-117)

OTHER(DCE) = 1,2-dichloroethane-d4 (80-120)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA

Level: (low/med) LOW

	CLIENT SAMPLE NO.	SMC1 #	SMC2 (BFB) #	SMC3 (TOL) #	OTHER (DCE) #	TOT OUT
01	AO00985LCS	101	107	102	104	0
02	AO00985BLANK	103	95	96	102	0
03	S008WJH01311	111	160*	125*	109	2
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

QC LIMITS

SMC1 = Dibromofluoromethane (80-120)

SMC2 (BFB) = bromofluorobenzene (74-121)

SMC3 (TOL) = toluene-d8 (81-117)

OTHER(DCE) = 1,2-dichloroethane-d4 (80-120)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: PACE ANALYTICAL - NY LAB Contract:
 Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA
 Lab File ID (Standard): M8020102 Date Analyzed: 02/01/11
 Instrument ID: GCMS8 Time Analyzed: 0939
 GC Column: RTX-VMS ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1(CBZ) AREA #	RT #	IS2(DCB) AREA #	RT #	IS3 AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	161454	12.24	74701	13.78	196203	9.00
UPPER LIMIT	322908	12.74	149402	14.28	392406	9.50
LOWER LIMIT	80727	11.74	37351	13.28	98102	8.50
=====	=====	=====	=====	=====	=====	=====
CLIENT SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 AO00983LCS	163432	12.24	74912	13.77	202914	8.98
02 AO00983BLANK	160536	12.24	77305	13.79	196948	9.00
03 S005BJH01311	123907	12.24	29011*	13.78	191928	9.00
04 S006WJH01311	98954	12.24	31797*	13.78	177543	9.00
05 S007BJH01311	106965	12.25	20912*	13.79	185005	9.00
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS1 (CBZ) = chlorobenzene-d5
 IS2 (DCB) = 1,4-Dichlorobenzene-d4
 IS3 = Fluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT
 RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: PACE ANALYTICAL - NY LAB Contract:
 Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA
 Lab File ID (Standard): M5020102 Date Analyzed: 02/01/11
 Instrument ID: GCMS5 Time Analyzed: 0938
 GC Column: RTX-VMS ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1(CBZ)		IS2(DCB)		IS3	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	465966	12.05	197364	13.64	658200	8.68
UPPER LIMIT	931932	12.55	394728	14.14	1316400	9.18
LOWER LIMIT	232983	11.55	98682	13.14	329100	8.18
CLIENT						
SAMPLE NO.						
01 AO00985LCS	432423	12.05	190052	13.64	632402	8.68
02 AO00985BLANK	439141	12.06	205447	13.64	629484	8.69
03 S008WJH01311	247959	12.07	42693*	13.67	571171	8.70
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS1 (CBZ) = chlorobenzene-d5
 IS2 (DCB) = 1,4-Dichlorobenzene-d4
 IS3 = Fluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT
 RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA

Instrument ID: GCMS5 Calibration Date: 02/01/11 Time: 0938

Lab File ID: M5020102 Init. Calib. Date(s): 07/28/10 07/28/10

Heated Purge: (Y/N) Y Init. Calib. Times: 1122 1415

GC Column: RTX-VMS ID: 0.25 (mm)

COMPOUND	SAMPLE AMOUNT	CAL40 AMOUNT	CURVE	%D	MAX %d
Methyl-tert-butyl-ether	46.1	40.0	AVRG	15.2	20.0
1,3-dichloropropane	41.2	40.0	AVRG	3.0	20.0
bromochloromethane	41.9	40.0	AVRG	4.8	20.0
1,2-dichloroethane-d4	41.0	40.0	AVRG	2.5	20.0
toluene-d8	40.3	40.0	AVRG	0.7	20.0
bromofluorobenzene	40.3	40.0	AVRG	0.7	20.0
chloromethane	37.6	40.0	AVRG	6.0	20.0
bromomethane	217	40.0	2ORDR	442.5	20.0
vinyl chloride	40.1	40.0	AVRG	0.2	20.0
chloroethane	31.6	40.0	AVRG	21.0	20.0
methylene chloride	39.7	40.0	AVRG	0.7	20.0
acetone	42.3	40.0	2ORDR	5.8	20.0
carbon disulfide	43.7	40.0	AVRG	9.2	20.0
1,1-dichloroethene	45.1	40.0	AVRG	12.8	20.0
1,1-dichloroethane	46.4	40.0	AVRG	16.0	20.0
chloroform	42.5	40.0	AVRG	6.2	20.0
1,2-dichloroethane	40.9	40.0	AVRG	2.2	20.0
2-butanone	43.6	40.0	AVRG	9.0	20.0
1,1,1-trichloroethane	43.9	40.0	AVRG	9.8	20.0
carbon tetrachloride	44.3	40.0	AVRG	10.8	20.0
bromodichloromethane	41.5	40.0	AVRG	3.8	20.0
1,2-dichloropropane	44.2	40.0	AVRG	10.5	20.0
cis-1,3-dichloropropene	41.0	40.0	AVRG	2.5	20.0
trichloroethene	44.0	40.0	AVRG	10.0	20.0
dibromochloromethane	41.8	40.0	AVRG	4.5	20.0
1,1,2-trichloroethane	40.4	40.0	AVRG	0.1	20.0
benzene	39.7	40.0	AVRG	0.7	20.0
trans-1,3-dichloropropene	44.4	40.0	AVRG	11.0	20.0
bromoform	47.6	40.0	AVRG	19.0	20.0
4-methyl-2-pentanone	44.3	40.0	AVRG	10.8	20.0
2-hexanone	46.1	40.0	2ORDR	15.2	20.0
tetrachloroethene	45.2	40.0	AVRG	13.0	20.0
1,1,2,2-tetrachloroethane	40.4	40.0	AVRG	0.1	20.0
toluene	38.4	40.0	AVRG	4.0	20.0
chlorobenzene	42.1	40.0	AVRG	5.2	20.0
ethylbenzene	41.1	40.0	AVRG	2.8	20.0

<-
<-

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA

Instrument ID: GCMS5 Calibration Date: 02/01/11 Time: 0938

Lab File ID: M5020102 Init. Calib. Date(s): 07/28/10 07/28/10

Heated Purge: (Y/N) Y Init. Calib. Times: 1122 1415

GC Column: RTX-VMS ID: 0.25 (mm)

COMPOUND	SAMPLE AMOUNT	CAL40 AMOUNT	CURVE	%D	MAX %d
styrene	39.8	40.0	AVRG	0.5	20.0
Dichlorodifluoromethane	35.4	40.0	AVRG	11.5	20.0
Trichlorofluoromethane	41.9	40.0	AVRG	4.8	20.0
Vinyl Acetate	48.0	40.0	AVRG	20.0	20.0
2-Chloroethyl vinyl ether	37.6	40.0	AVRG	6.0	20.0
1,3-Dichlorobenzene	40.5	40.0	AVRG	1.2	20.0
1,4-Dichlorobenzene	40.7	40.0	AVRG	1.8	20.0
1,2-Dichlorobenzene	43.2	40.0	AVRG	8.0	20.0
2,2-Dichloropropane	45.4	40.0	AVRG	13.5	20.0
Dibromofluoromethane	40.9	40.0	AVRG	2.2	20.0
1,1-Dichloropropene	42.9	40.0	AVRG	7.2	20.0
Dibromomethane	41.6	40.0	AVRG	4.0	20.0
1,2-Dibromoethane	41.0	40.0	AVRG	2.5	20.0
1,1,1,2-Tetrachloroethane	42.5	40.0	AVRG	6.2	20.0
Isopropyl benzene	45.5	40.0	AVRG	13.8	20.0
Bromobenzene	36.3	40.0	AVRG	9.2	20.0
1,2,3-Trichloropropane	41.3	40.0	AVRG	3.2	20.0
n-Propylbenzene	44.7	40.0	AVRG	11.8	20.0
2-Chlorotoluene	42.5	40.0	AVRG	6.2	20.0
1,3,5-Trimethylbenzene	44.1	40.0	AVRG	10.2	20.0
4-Chlorotoluene	40.9	40.0	AVRG	2.2	20.0
tert-Butylbenzene	42.8	40.0	AVRG	7.0	20.0
1,2,4-Trimethylbenzene	42.1	40.0	AVRG	5.2	20.0
sec-Butylbenzene	44.8	40.0	AVRG	12.0	20.0
Isopropyltoluene	38.8	40.0	AVRG	3.0	20.0
n-Butylbenzene	45.4	40.0	AVRG	13.5	20.0
1,2-dibromo-3-chloropropane	50.2	40.0	2ORDR	25.5	20.0
1,2,4-Trichlorobenzene	41.5	40.0	AVRG	3.8	20.0
Hexachlorobutadiene	39.4	40.0	AVRG	1.5	20.0
Naphthalene	39.6	40.0	AVRG	0.1	20.0
1,2,3-Trichlorobenzene	41.0	40.0	AVRG	2.5	20.0
o-xylene	41.1	40.0	AVRG	2.8	20.0
m,p-xylenes	80.1	80.0	AVRG	0.1	20.0
cis-1,2-Dichloroethene	42.5	40.0	AVRG	6.2	20.0
trans-1,2-dichloroethene	42.8	40.0	AVRG	7.0	20.0

<-

page 2 of 2

FORM VII VOA

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA

Instrument ID: GCMS5 Calibration Date: 02/01/11 Time: 1245

Lab File ID: M5020108 Init. Calib. Date(s): 01/24/11 01/24/11

Heated Purge: (Y/N) N Init. Calib. Times: 1042 1322

GC Column: RTX-VMS ID: 0.25 (mm)

COMPOUND	RRF	RRF40	MIN RRF	%D	MAX %D
Vinyl Acetate	0.297	0.294	0.01	1.0	20.0
bromochloromethane	0.310	0.299	0.01	3.5	20.0
1,2-dichloroethane-d4	0.400	0.404	0.01	1.0	20.0
toluene-d8	1.524	1.508	0.01	1.0	20.0
bromofluorobenzene	1.483	1.664	0.01	12.2	20.0
chloromethane	0.148	0.138	0.1	6.8	20.0
bromomethane	0.034	0.029	0.01	14.7	20.0
vinyl chloride	0.156	0.160	0.01	2.6	20.0
chloroethane	0.026	0.026	0.01	0.0	20.0
methylene chloride	0.285	0.300	0.01	5.3	20.0
acetone	0.037	0.038	0.01	2.7	20.0
carbon disulfide	0.551	0.573	0.01	4.0	20.0
1,1-dichloroethene	0.197	0.191	0.01	3.0	20.0
1,1-dichloroethane	0.235	0.234	0.1	0.4	20.0
chloroform	0.509	0.476	0.01	6.5	20.0
1,2-dichloroethane	0.384	0.377	0.01	1.8	20.0
2-butanone	0.056	0.062	0.01	10.7	20.0
1,1,1-trichloroethane	0.514	0.491	0.01	4.5	20.0
carbon tetrachloride	0.343	0.322	0.01	6.1	20.0
bromodichloromethane	0.381	0.384	0.01	0.8	20.0
1,2-dichloropropane	0.156	0.151	0.01	3.2	20.0
cis-1,3-dichloropropene	0.391	0.388	0.01	0.8	20.0
trichloroethene	0.294	0.289	0.01	1.7	20.0
dibromochloromethane	0.392	0.367	0.01	6.4	20.0
1,1,2-trichloroethane	0.239	0.233	0.01	2.5	20.0
benzene	0.772	0.726	0.01	6.0	20.0
trans-1,3-dichloropropene	0.530	0.529	0.01	0.2	20.0
bromoform	0.464	0.522	0.1	12.5	20.0
4-methyl-2-pentanone	0.219	0.231	0.01	5.5	20.0
2-hexanone	0.130	0.143	0.01	10.0	20.0
tetrachloroethene	0.246	0.232	0.01	5.7	20.0
1,1,2,2-tetrachloroethane	0.730	0.789	0.3	8.1	20.0
toluene	1.596	1.546	0.01	3.1	20.0
chlorobenzene	0.933	0.849	0.3	9.0	20.0
ethylbenzene	1.550	1.533	0.01	1.1	20.0
styrene	0.823	0.816	0.01	0.8	20.0

page 1 of 2

FORM VII VOA

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA

Instrument ID: GCMS5 Calibration Date: 02/01/11 Time: 1245

Lab File ID: M5020108 Init. Calib. Date(s): 01/24/11 01/24/11

Heated Purge: (Y/N) N Init. Calib. Times: 1042 1322

GC Column: RTX-VMS ID: 0.25 (mm)

COMPOUND	RRF	RRF40	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.345	0.353	0.01	2.3	20.0
Trichlorofluoromethane	0.421	0.402	0.01	4.5	20.0
2-Chloroethyl vinyl ether	0.020	0.033	0.01	65.0	20.0
1,3-Dichlorobenzene	1.349	1.384	0.01	2.6	20.0
1,4-Dichlorobenzene	1.461	1.357	0.01	7.1	20.0
1,2-Dichlorobenzene	1.300	1.363	0.01	4.8	20.0
2,2-Dichloropropane	0.403	0.371	0.01	7.9	20.0
Dibromofluoromethane	0.347	0.350	0.01	0.9	20.0
1,1-Dichloropropene	0.288	0.284	0.01	1.4	20.0
Dibromomethane	0.232	0.233	0.01	0.4	20.0
1,2-Dibromoethane	0.417	0.414	0.01	0.7	20.0
1,1,1,2-Tetrachloroethane	0.445	0.425	0.01	4.5	20.0
Isopropyl benzene	3.054	3.015	0.01	1.3	20.0
Bromobenzene	1.185	1.156	0.01	2.4	20.0
1,2,3-Trichloropropane	0.792	0.836	0.01	5.6	20.0
n-Propylbenzene	3.061	3.295	0.01	7.6	20.0
2-Chlorotoluene	2.776	2.817	0.01	1.5	20.0
1,3,5-Trimethylbenzene	2.857	3.172	0.01	11.0	20.0
4-Chlorotoluene	2.373	2.323	0.01	2.1	20.0
tert-Butylbenzene	2.326	2.458	0.01	5.7	20.0
1,2,4-Trimethylbenzene	2.635	2.663	0.01	1.1	20.0
sec-Butylbenzene	2.516	2.607	0.01	3.6	20.0
Isopropyltoluene	2.297	2.439	0.01	6.2	20.0
n-Butylbenzene	1.916	2.076	0.01	8.4	20.0
1,2-dibromo-3-chloropropane	0.249	0.241	0.01	3.2	20.0
1,2,4-Trichlorobenzene	0.585	0.608	0.01	3.9	20.0
Hexachlorobutadiene	0.424	0.453	0.01	6.8	20.0
Naphthalene	1.636	1.743	0.01	6.5	20.0
1,2,3-Trichlorobenzene	0.623	0.604	0.01	3.0	20.0
o-xylene	1.336	1.297	0.01	2.9	20.0
m,p-xylenes	1.366	1.278	0.01	6.4	20.0
cis-1,2-Dichloroethene	0.277	0.257	0.01	7.2	20.0
trans-1,2-dichloroethene	0.196	0.189	0.01	3.6	20.0

<-

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA

Instrument ID: GCMS8 Calibration Date: 02/01/11 Time: 0939

Lab File ID: M8020102 Init. Calib. Date(s): 12/08/10 12/08/10

Heated Purge: (Y/N) Y Init. Calib. Times: 1549 1829

GC Column: RTX-VMS ID: 0.25 (mm)

COMPOUND	RRF	RRF40	MIN RRF	%D	MAX %D
bromomethane	0.198	0.118	0.01	40.4	20.0
1,2-dichloroethane-d4	0.366	0.392	0.01	7.1	20.0
toluene-d8	1.423	1.458	0.01	2.4	20.0
bromofluorobenzene	1.382	1.365	0.01	1.2	20.0
Dibromofluoromethane	0.238	0.261	0.01	9.7	20.0

FORM VII VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS31-JAN-2011 15:59

S004WJH013111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA

Matrix: (soil/water) SOIL Lab Sample ID: A000982

Sample wt/vol: 5.2 (g/mL) G Lab File ID: M5020112

Level: (low/med) MED Date Received: 01/31/11

% Moisture: not dec. 26 Date Analyzed: 02/01/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 100 (mL) Soil Aliquot Volume: 0.4(mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	655	U
75-69-4	Trichlorofluoromethane	655	U
110-75-8	2-Chloroethyl vinyl ether	655	U
541-73-1	1,3-Dichlorobenzene	655	U
106-46-7	1,4-Dichlorobenzene	655	U
95-50-1	1,2-Dichlorobenzene	655	U
594-20-7	2,2-Dichloropropane	655	U
563-58-6	1,1-Dichloropropene	655	U
74-95-3	Dibromomethane	655	U
106-93-4	1,2-Dibromoethane	655	U
630-20-6	1,1,1,2-Tetrachloroethane	655	U
98-82-8	Isopropyl benzene	655	U
108-86-1	Bromobenzene	655	U
96-18-4	1,2,3-Trichloropropane	655	U
106-65-1	n-Propylbenzene	655	U
95-49-8	2-Chlorotoluene	655	U
108-67-8	1,3,5-Trimethylbenzene	655	U
106-43-4	4-Chlorotoluene	655	U
98-06-6	tert-Butylbenzene	655	U
95-63-6	1,2,4-Trimethylbenzene	655	U
135-98-8	sec-Butylbenzene	655	U
99-87-6	Isopropyltoluene	655	U
104-51-8	n-Butylbenzene	655	U
96-12-8	1,2-dibromo-3-chloropropane	655	U
120-82-1	1,2,4-Trichlorobenzene	655	U
87-68-3	Hexachlorobutadiene	655	U
91-20-3	Naphthalene	1590	
87-61-6	1,2,3-Trichlorobenzene	655	U
95-47-6	o-xylene	655	U
1330-20-7mp	m,p-xylenes	655	U
156-59-2	cis-1,2-Dichloroethene	2290	
156-60-5	trans-1,2-dichloroethene	1920	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS31-JAN-2011 15:59

S004WJH013111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA

Matrix: (soil/water) SOIL Lab Sample ID: A000982

Sample wt/vol: 5.2 (g/mL) G Lab File ID: M5020112

Level: (low/med) MED Date Received: 01/31/11

% Moisture: not dec. 26 Date Analyzed: 02/01/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 100 (mL) Soil Aliquot Volume: 0.4 (mL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

108-05-4	Vinyl Acetate	655	U
74-97-5	bromochloromethane	655	U
74-87-3	chloromethane	655	U
74-83-9	bromomethane	655	U
75-01-4	vinyl chloride	655	U
75-00-3	chloroethane	655	U
75-09-2	methylene chloride	655	U
67-64-1	acetone	3270	U
75-15-0	carbon disulfide	655	U
75-35-4	1,1-dichloroethene	655	U
75-34-3	1,1-dichloroethane	655	U
67-66-3	chloroform	655	U
107-06-2	1,2-dichloroethane	655	U
78-93-3	2-butanone	655	U
71-55-6	1,1,1-trichloroethane	655	U
56-23-5	carbon tetrachloride	655	U
75-27-4	bromodichloromethane	655	U
78-87-5	1,2-dichloropropane	655	U
10061-01-5	cis-1,3-dichloropropene	655	U
79-01-6	trichloroethene	5920	U
124-48-1	dibromochloromethane	655	U
79-00-5	1,1,2-trichloroethane	655	U
71-43-2	benzene	458	U
10061-02-6	trans-1,3-dichloropropene	655	U
75-25-2	bromoform	655	U
108-10-1	4-methyl-2-pentanone	655	U
591-78-6	2-hexanone	655	U
127-18-4	tetrachloroethene	3430	U
79-34-5	1,1,2,2-tetrachloroethane	655	U
108-88-3	toluene	655	U
108-90-7	chlorobenzene	655	U
100-41-4	ethylbenzene	655	U
100-42-5	styrene	655	U

FORM I VOA

FORM 1 CLOUGH HARBOUR & ASS31-JAN-2011 15:59
VOLATILE ORGANICS ANALYSIS DATA SHEET

S005BJH013111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO00983

Sample wt/vol: 0.9 (g/mL) G Lab File ID: M8020106

Level: (low/med) LOW Date Received: 01/31/11

% Moisture: not dec. 25 Date Analyzed: 02/01/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1634-04-4	Methyl-tert-butyl-ether	14.6	U
142-28-9	1,3-dichloropropane	14.6	U
74-97-5	bromochloromethane	14.6	U
74-87-3	chloromethane	14.6	U
74-83-9	bromomethane	14.6	U
75-01-4	vinyl chloride	14.6	U
75-00-3	chloroethane	14.6	U
75-09-2	methylene chloride	73.0	U
67-64-1	acetone	73.0	U
75-15-0	carbon disulfide	14.6	U
75-35-4	1,1-dichloroethene	14.6	U
75-34-3	1,1-dichloroethane	14.6	U
67-66-3	chloroform	14.6	U
107-06-2	1,2-dichloroethane	14.6	U
78-93-3	2-butanone	14.6	U
71-55-6	1,1,1-trichloroethane	14.6	U
56-23-5	carbon tetrachloride	14.6	U
75-27-4	bromodichloromethane	14.6	U
78-87-5	1,2-dichloropropane	14.6	U
10061-01-5	cis-1,3-dichloropropene	14.6	U
79-01-6	trichloroethene	14.6	U
124-48-1	dibromochloromethane	14.6	U
79-00-5	1,1,2-trichloroethane	14.6	U
71-43-2	benzene	14.6	U
10061-02-6	trans-1,3-dichloropropene	14.6	U
75-25-2	bromoform	14.6	U J
108-10-1	4-methyl-2-pentanone	14.6	U
591-78-6	2-hexanone	14.6	U
127-18-4	tetrachloroethene	14.6	U
79-34-5	1,1,2,2-tetrachloroethane	14.6	U J
108-88-3	toluene	14.6	U
108-90-7	chlorobenzene	14.6	U
100-41-4	ethylbenzene	14.6	U

FORM I VOA

S005BJH013111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA

Matrix: (soil/water) SOIL Lab Sample ID: A000983

Sample wt/vol: 0.9 (g/mL) G Lab File ID: M8020106

Level: (low/med) LOW Date Received: 01/31/11

% Moisture: not dec. 25 Date Analyzed: 02/01/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-42-5	styrene	14.6	U
75-71-8	Dichlorodifluoromethane	14.6	U
75-69-4	Trichlorofluoromethane	14.6	U
108-05-4	Vinyl Acetate	14.6	U
110-75-8	2-Chloroethyl vinyl ether	14.6	U
541-73-1	1,3-Dichlorobenzene	14.6	U
106-46-7	1,4-Dichlorobenzene	14.6	U
95-50-1	1,2-Dichlorobenzene	14.6	U
594-20-7	2,2-Dichloropropane	14.6	U
563-58-6	1,1-Dichloropropene	14.6	U
74-95-3	Dibromomethane	14.6	U
106-93-4	1,2-Dibromoethane	14.6	U
630-20-6	1,1,1,2-Tetrachloroethane	14.6	U
98-82-8	Isopropyl benzene	14.6	U
108-86-1	Bromobenzene	14.6	U
96-18-4	1,2,3-Trichloropropane	14.6	U
106-65-1	n-Propylbenzene	14.6	U
95-49-8	2-Chlorotoluene	14.6	U
108-67-8	1,3,5-Trimethylbenzene	14.6	U
106-43-4	4-Chlorotoluene	14.6	U
98-06-6	tert-Butylbenzene	14.6	U
95-63-6	1,2,4-Trimethylbenzene	14.6	U
135-98-8	sec-Butylbenzene	14.6	U
99-87-6	Isopropyltoluene	14.6	U
104-51-8	n-Butylbenzene	14.6	U
96-12-8	1,2-dibromo-3-chloropropane	14.6	U
120-82-1	1,2,4-Trichlorobenzene	14.6	U
87-68-3	Hexachlorobutadiene	14.6	U
91-20-3	Naphthalene	22.5	U
87-61-6	1,2,3-Trichlorobenzene	14.6	U
95-47-6	o-xylene	14.6	U
1330-20-7	m,p-xylenes	14.6	U
156-59-2	cis-1,2-Dichloroethene	14.6	U

FORM I VOA

FORM 1 CLOUGH HARBOUR & ASS31-JAN-2011 15:59
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: PACE ANALYTICAL - NY LAB Contract:

S005BJH013111

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA

Matrix: (soil/water) SOIL

Lab Sample ID: A000983

Sample wt/vol: 0.9 (g/mL) G

Lab File ID: M8020106

Level: (low/med) LOW

Date Received: 01/31/11

% Moisture: not dec. 25

Date Analyzed: 02/01/11

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (ml)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

156-60-5-----trans-1,2-dichloroethene	14.6	U
---------------------------------------	------	---

FORM I VOA

S006WJH013111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO00984

Sample wt/vol: 0.6 (g/mL) G Lab File ID: M8020109

Level: (low/med) LOW Date Received: 01/31/11

% Moisture: not dec. 30 Date Analyzed: 02/01/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1634-04-4	Methyl-tert-butyl-ether	23.8	U
142-28-9	1,3-dichloropropane	23.8	U
74-97-5	bromochloromethane	23.8	U
74-87-3	chloromethane	23.8	U
74-83-9	bromomethane	23.8	U
75-01-4	vinyl chloride	23.8	U
75-00-3	chloroethane	23.8	U
75-09-2	methylene chloride	119	U
67-64-1	acetone	119	U
75-15-0	carbon disulfide	23.8	U
75-35-4	1,1-dichloroethene	23.8	U
75-34-3	1,1-dichloroethane	23.8	U
67-66-3	chloroform	23.8	U
107-06-2	1,2-dichloroethane	23.8	U
78-93-3	2-butanone	23.8	U
71-55-6	1,1,1-trichloroethane	23.8	U
56-23-5	carbon tetrachloride	23.8	U
75-27-4	bromodichloromethane	23.8	U
78-87-5	1,2-dichloropropane	23.8	U
10061-01-5	cis-1,3-dichloropropene	23.8	U
79-01-6	trichloroethene	23.8	U
124-48-1	dibromochloromethane	23.8	U
79-00-5	1,1,2-trichloroethane	23.8	U
71-43-2	benzene	23.8	U
10061-02-6	trans-1,3-dichloropropene	23.8	U
75-25-2	bromoform	23.8	UJ
108-10-1	4-methyl-2-pentanone	23.8	U
591-78-6	2-hexanone	23.8	U
127-18-4	tetrachloroethene	34.6	J
79-34-5	1,1,2,2-tetrachloroethane	23.8	UJ
108-88-3	toluene	23.8	U
108-90-7	chlorobenzene	23.8	U
100-41-4	ethylbenzene	23.8	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS31-JAN-2011 15:59

S006WJH013111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA

Matrix: (soil/water) SOIL Lab Sample ID: A000984

Sample wt/vol: 0.6 (g/mL) G Lab File ID: M8020109

Level: (low/med) LOW Date Received: 01/31/11

% Moisture: not dec. 30 Date Analyzed: 02/01/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (ml) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-42-5	styrene	23.8	U
75-71-8	Dichlorodifluoromethane	23.8	U
75-69-4	Trichlorofluoromethane	23.8	U
108-05-4	Vinyl Acetate	23.8	U
110-75-8	2-Chloroethyl vinyl ether	23.8	U
541-73-1	1,3-Dichlorobenzene	23.8	UJ
106-46-7	1,4-Dichlorobenzene	23.8	UJ
95-50-1	1,2-Dichlorobenzene	23.8	UJ
594-20-7	2,2-Dichloropropane	23.8	U
563-58-6	1,1-Dichloropropene	23.8	U
74-95-3	Dibromomethane	23.8	U
106-93-4	1,2-Dibromoethane	23.8	U
630-20-6	1,1,1,2-Tetrachloroethane	23.8	U
98-82-8	Isopropyl benzene	23.8	UJ
108-86-1	Bromobenzene	23.8	UJ
96-18-4	1,2,3-Trichloropropane	23.8	UJ
106-65-1	n-Propylbenzene	23.8	UJ
95-49-8	2-Chlorotoluene	23.8	UJ
108-67-8	1,3,5-Trimethylbenzene	23.8	UJ
106-43-4	4-Chlorotoluene	23.8	UJ
98-06-6	tert-Butylbenzene	23.8	UJ
95-63-6	1,2,4-Trimethylbenzene	23.8	UJ
135-98-8	sec-Butylbenzene	23.8	UJ
99-87-6	Isopropyltoluene	23.8	UJ
104-51-8	n-Butylbenzene	23.8	UJ
96-12-8	1,2-dibromo-3-chloropropane	23.8	UJ
120-82-1	1,2,4-Trichlorobenzene	23.8	UJ
87-68-3	Hexachlorobutadiene	23.8	UJ
91-20-3	Naphthalene	23.8	UJ
87-61-6	1,2,3-Trichlorobenzene	23.8	UJ
95-47-6	o-xylene	23.8	U
1330-20-7mp	m,p-xylenes	23.8	U
156-59-2	cis-1,2-Dichloroethene	23.8	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS31-JAN-2011 15:59

S006WJH013111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA

Matrix: (soil/water) SOIL

Lab Sample ID: A000984

Sample wt/vol: 0.6 (g/mL) G

Lab File ID: M8020109

Level: (low/med) LOW

Date Received: 01/31/11

% Moisture: not dec. 30

Date Analyzed: 02/01/11

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (ml)

Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

156-60-5-----trans-1,2-dichloroethene	23.8	U
---------------------------------------	------	---

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS31-JAN-2011 15:59

Lab Name: PACE ANALYTICAL - NY LAB Contract:

S007BJH013111

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO00985

Sample wt/vol: 0.4 (g/mL) G Lab File ID: M8020110

Level: (low/med) LOW Date Received: 01/31/11

% Moisture: not dec. 29 Date Analyzed: 02/01/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(ml) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1634-04-4	Methyl-tert-butyl-ether	31.7	U
142-28-9	1,3-dichloropropane	31.7	U
74-97-5	bromochloromethane	31.7	U
74-87-3	chloromethane	31.7	U
74-83-9	bromomethane	31.7	U
75-01-4	vinyl chloride	31.7	U
75-00-3	chloroethane	31.7	U
75-09-2	methylene chloride	158	U
67-64-1	acetone	158	U
75-15-0	carbon disulfide	31.7	U
75-35-4	1,1-dichloroethene	31.7	U
75-34-3	1,1-dichloroethane	31.7	U
67-66-3	chloroform	31.7	U
107-06-2	1,2-dichloroethane	31.7	U
78-93-3	2-butanone	31.7	U
71-55-6	1,1,1-trichloroethane	31.7	U
56-23-5	carbon tetrachloride	31.7	U
75-27-4	bromodichloromethane	31.7	U
78-87-5	1,2-dichloropropane	31.7	U
10061-01-5	cis-1,3-dichloropropene	31.7	U
79-01-6	trichloroethene	31.7	U
124-48-1	dibromochloromethane	31.7	U
79-00-5	1,1,2-trichloroethane	31.7	U
71-43-2	benzene	31.7	U
10061-02-6	trans-1,3-dichloropropene	31.7	U
75-25-2	bromoform	31.7	U J
108-10-1	4-methyl-2-pentanone	31.7	U
591-78-6	2-hexanone	31.7	U
127-18-4	tetrachloroethene	31.7	U
79-34-5	1,1,2,2-tetrachloroethane	31.7	U J
108-88-3	toluene	31.7	U
108-90-7	chlorobenzene	31.7	U
100-41-4	ethylbenzene	31.7	U

FORM I VOA

S007BJH013111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO00985

Sample wt/vol: 0.4 (g/mL) G Lab File ID: M8020110

Level: (low/med) LOW Date Received: 01/31/11

% Moisture: not dec. 29 Date Analyzed: 02/01/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-42-5	styrene	31.7	U
75-71-8	Dichlorodifluoromethane	31.7	U
75-69-4	Trichlorofluoromethane	31.7	U
108-05-4	Vinyl Acetate	31.7	U
110-75-8	2-Chloroethyl vinyl ether	31.7	U
541-73-1	1,3-Dichlorobenzene	31.7	U
106-46-7	1,4-Dichlorobenzene	31.7	U
95-50-1	1,2-Dichlorobenzene	31.7	U
594-20-7	2,2-Dichloropropane	31.7	U
563-58-6	1,1-Dichloropropene	31.7	U
74-95-3	Dibromomethane	31.7	U
106-93-4	1,2-Dibromoethane	31.7	U
630-20-6	1,1,1,2-Tetrachloroethane	31.7	U
98-82-8	Isopropyl benzene	31.7	U
108-86-1	Bromobenzene	31.7	U
96-18-4	1,2,3-Trichloropropane	31.7	U
106-65-1	n-Propylbenzene	31.7	U
95-49-8	2-Chlorotoluene	31.7	U
108-67-8	1,3,5-Trimethylbenzene	31.7	U
106-43-4	4-Chlorotoluene	31.7	U
98-06-6	tert-Butylbenzene	31.7	U
95-63-6	1,2,4-Trimethylbenzene	31.7	U
135-98-8	sec-Butylbenzene	31.7	U
99-87-6	Isopropyltoluene	31.7	U
104-51-8	n-Butylbenzene	31.7	U
96-12-8	1,2-dibromo-3-chloropropane	31.7	U
120-82-1	1,2,4-Trichlorobenzene	31.7	U
87-68-3	Hexachlorobutadiene	31.7	U
91-20-3	Naphthalene	34.9	U
87-61-6	1,2,3-Trichlorobenzene	31.7	U
95-47-6	o-xylene	31.7	U
1330-20-7mp	m,p-xylenes	31.7	U
156-59-2	cis-1,2-Dichloroethene	31.7	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS31-JAN-2011 15:59

S007BJH013111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA

Matrix: (soil/water) SOIL Lab Sample ID: A000985

Sample wt/vol: 0.4 (g/mL) G Lab File ID: M8020110

Level: (low/med) LOW Date Received: 01/31/11

% Moisture: not dec. 29 Date Analyzed: 02/01/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

156-60-5-----trans-1,2-dichloroethene	31.7	U
---------------------------------------	------	---

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS31-JAN-2011 15:59

S008WJH013111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA

Matrix: (soil/water) SOIL Lab Sample ID: A000986

Sample wt/vol: 1.1 (g/mL) G Lab File ID: M5020107

Level: (low/med) LOW Date Received: 01/31/11

% Moisture: not dec. 26 Date Analyzed: 02/01/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

1634-04-4	Methyl-tert-butyl-ether	12.1	U
142-28-9	1,3-dichloropropane	12.1	U
74-97-5	bromochloromethane	12.1	U
74-87-3	chloromethane	12.1	U
74-83-9	bromomethane	12.1	U
75-01-4	vinyl chloride	12.1	U
75-00-3	chloroethane	12.1	U
75-09-2	methylene chloride	60.7	U
67-64-1	acetone	60.7	U
75-15-0	carbon disulfide	12.1	U
75-35-4	1,1-dichloroethene	12.1	U
75-34-3	1,1-dichloroethane	12.1	U
67-66-3	chloroform	12.1	U
107-06-2	1,2-dichloroethane	12.1	U
78-93-3	2-butanone	12.1	U
71-55-6	1,1,1-trichloroethane	12.1	U
56-23-5	carbon tetrachloride	12.1	U
75-27-4	bromodichloromethane	12.1	U
78-87-5	1,2-dichloropropane	12.1	U
10061-01-5	cis-1,3-dichloropropene	12.1	U
79-01-6	trichloroethene	12.1	U
124-48-1	dibromochloromethane	12.1	U
79-00-5	1,1,2-trichloroethane	12.1	U
71-43-2	benzene	12.1	U
10061-02-6	trans-1,3-dichloropropene	12.1	U
75-25-2	bromoform	12.1	U J
108-10-1	4-methyl-2-pentanone	12.1	U
591-78-6	2-hexanone	12.1	U
127-18-4	tetrachloroethene	12.1	U
79-34-5	1,1,2,2-tetrachloroethane	12.1	U J
108-88-3	toluene	12.1	U
108-90-7	chlorobenzene	12.1	U
100-41-4	ethylbenzene	12.1	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS31-JAN-2011 15:59

S008WJH013111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO00986

Sample wt/vol: 1.1 (g/mL) G Lab File ID: M5020107

Level: (low/med) LOW Date Received: 01/31/11

% Moisture: not dec. 26 Date Analyzed: 02/01/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-42-5	styrene	12.1	U
75-71-8	Dichlorodifluoromethane	12.1	U
75-69-4	Trichlorofluoromethane	12.1	U
108-05-4	Vinyl Acetate	12.1	U
110-75-8	2-Chloroethyl vinyl ether	12.1	U
541-73-1	1,3-Dichlorobenzene	12.1	U
106-46-7	1,4-Dichlorobenzene	12.1	U
95-50-1	1,2-Dichlorobenzene	12.1	U
594-20-7	2,2-Dichloropropane	12.1	U
563-58-6	1,1-Dichloropropene	12.1	U
74-95-3	Dibromomethane	12.1	U
106-93-4	1,2-Dibromoethane	12.1	U
630-20-6	1,1,1,2-Tetrachloroethane	12.1	U
98-82-8	Isopropyl benzene	12.1	U
108-86-1	Bromobenzene	12.1	U
96-18-4	1,2,3-Trichloropropane	12.1	U
106-65-1	n-Propylbenzene	12.1	U
95-49-8	2-Chlorotoluene	12.1	U
108-67-8	1,3,5-Trimethylbenzene	12.1	U
106-43-4	4-Chlorotoluene	12.1	U
98-06-6	tert-Butylbenzene	12.1	U
95-63-6	1,2,4-Trimethylbenzene	12.1	U
135-98-8	sec-Butylbenzene	12.1	U
99-87-6	Isopropyltoluene	12.1	U
104-51-8	n-Butylbenzene	12.1	U
96-12-8	1,2-dibromo-3-chloropropane	12.1	U
120-82-1	1,2,4-Trichlorobenzene	12.1	U
87-68-3	Hexachlorobutadiene	12.1	U
91-20-3	Naphthalene	12.1	U
87-61-6	1,2,3-Trichlorobenzene	12.1	U
95-47-6	o-xylene	12.1	U
1330-20-7mp	m,p-xylenes	12.1	U
156-59-2	cis-1,2-Dichloroethene	12.1	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS31-JAN-2011 15:59

S008WJH013111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11010195CHA

Matrix: (soil/water) SOIL Lab Sample ID: A000986

Sample wt/vol: 1.1 (g/mL) G Lab File ID: M5020107

Level: (low/med) LOW Date Received: 01/31/11

% Moisture: not dec. 26 Date Analyzed: 02/01/11

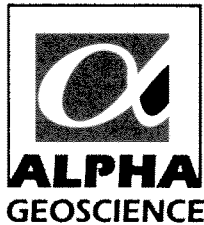
GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

156-60-5-----trans-1,2-dichloroethene	12.1	U
---------------------------------------	------	---

FORM I VOA



Geology

Hydrology

Remediation

Water Supply

**Data Usability Summary Report for
NEA PACE Analytical, NEA Report ID: 11020003**

**2 Soil Samples
Collected February 1, 2011**

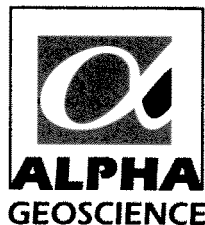
Prepared by: Donald Anné
March 11, 2011

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of volatile analyses for 2 soil samples.

The overall performances of the analyses are acceptable. NEA PACE Analytical did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. There were no data flagged either unusable (R) or estimated (J); therefore, all data are considered usable. Detailed information on data quality is included in the data validation review.

Z:\projects\2011\11600-11620\11605-howard street\11020003.dus.wpd



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of 8260 Volatiles Data for
NEA PACE Analytical, NEA Report ID: 11020003**

**2 Soil Samples
Collected February 1, 2011**

Prepared by: Donald Anné
March 11, 2011

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The SPCCs and CCCs were within method 8260B criteria.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The SPCCs and CCCs were within method 8260B criteria.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %D for bromomethane was above the allowable maximum (25%) on 02-01-11 (M8020102). Positive results for bromomethane should be considered estimated (J) in associated samples.

Blanks: The analysis of the method blank reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for spiked compounds were below the allowable maximum and the percent recoveries were within QC limits for soil MS/MSD sample S001BJH012611. (This data is from NEA report ID: 11010172)

Laboratory Control Sample: The percent recoveries for spiked compounds were within QC limits for soil sample AO00983LCS.

Compound ID: Checked compounds were within GC/MS quantitation and qualification limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in SW846.

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020003CHA

Instrument ID: GCMS8 Calibration Date: 02/01/11 Time: 0939

Lab File ID: M8020102 Init. Calib. Date(s): 12/08/10 12/08/10

Heated Purge: (Y/N) Y Init. Calib. Times: 1549 1829

GC Column: RTX-VMS ID: 0.25 (mm)

COMPOUND	$\overline{\text{RRF}}$	RRF40	MIN RRF	%D	MAX %D	
bromomethane	0.198	0.118	0.01	40.4	20.0	<-
1,2-dichloroethane-d4	0.366	0.392	0.01	7.1	20.0	
toluene-d8	1.423	1.458	0.01	2.4	20.0	
bromofluorobenzene	1.382	1.365	0.01	1.2	20.0	
Dibromofluoromethane	0.238	0.261	0.01	9.7	20.0	

FORM VII VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS01-FEB-2011 12:30

S009WJH02111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020003CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO01002

Sample wt/vol: 0.8 (g/mL) G Lab File ID: M8020112

Level: (low/med) LOW Date Received: 02/01/11

% Moisture: not dec. 28 Date Analyzed: 02/01/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1634-04-4	Methyl-tert-butyl-ether	16.6	U
142-28-9	1,3-dichloropropane	16.6	U
74-97-5	bromochloromethane	16.6	U
74-87-3	chloromethane	16.6	U
74-83-9	bromomethane	16.6	U
75-01-4	vinyl chloride	16.6	U
75-00-3	chloroethane	16.6	U
75-09-2	methylene chloride	83.0	U
67-64-1	acetone	83.0	U
75-15-0	carbon disulfide	16.6	U
75-35-4	1,1-dichloroethene	16.6	U
75-34-3	1,1-dichloroethane	16.6	U
67-66-3	chloroform	16.6	U
107-06-2	1,2-dichloroethane	18.5	
78-93-3	2-butanone	16.6	U
71-55-6	1,1,1-trichloroethane	16.6	U
56-23-5	carbon tetrachloride	16.6	U
75-27-4	bromodichloromethane	16.6	U
78-87-5	1,2-dichloropropane	16.6	U
10061-01-5	cis-1,3-dichloropropene	16.6	U
79-01-6	trichloroethene	727	
124-48-1	dibromochloromethane	16.6	U
79-00-5	1,1,2-trichloroethane	16.6	U
71-43-2	benzene	16.6	U
10061-02-6	trans-1,3-dichloropropene	16.6	U
75-25-2	bromoform	16.6	U
108-10-1	4-methyl-2-pentanone	16.6	U
591-78-6	2-hexanone	16.6	U
127-18-4	tetrachloroethene	22.5	
79-34-5	1,1,2,2-tetrachloroethane	16.6	U
108-88-3	toluene	16.6	U
108-90-7	chlorobenzene	16.6	U
100-41-4	ethylbenzene	16.6	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS01-FEB-2011 12:30

S009WJH02111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020003CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO01002

Sample wt/vol: 0.8 (g/mL) G Lab File ID: M8020112

Level: (low/med) LOW Date Received: 02/01/11

% Moisture: not dec. 28 Date Analyzed: 02/01/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

100-42-5-----styrene	16.6	U
75-71-8-----Dichlorodifluoromethane	16.6	U
75-69-4-----Trichlorofluoromethane	16.6	U
108-05-4-----Vinyl Acetate	16.6	U
110-75-8-----2-Chloroethyl vinyl ether	16.6	U
541-73-1-----1,3-Dichlorobenzene	16.6	U
106-46-7-----1,4-Dichlorobenzene	41.7	
95-50-1-----1,2-Dichlorobenzene	272	
594-20-7-----2,2-Dichloropropane	16.6	U
563-58-6-----1,1-Dichloropropene	16.6	U
74-95-3-----Dibromomethane	16.6	U
106-93-4-----1,2-Dibromoethane	16.6	U
630-20-6-----1,1,1,2-Tetrachloroethane	16.6	U
98-82-8-----Isopropyl benzene	16.6	U
108-86-1-----Bromobenzene	16.6	U
96-18-4-----1,2,3-Trichloropropane	16.6	U
106-65-1-----n-Propylbenzene	16.6	U
95-49-8-----2-Chlorotoluene	16.6	U
108-67-8-----1,3,5-Trimethylbenzene	16.6	U
106-43-4-----4-Chlorotoluene	16.6	U
98-06-6-----tert-Butylbenzene	16.6	U
95-63-6-----1,2,4-Trimethylbenzene	16.6	U
135-98-8-----sec-Butylbenzene	16.6	U
99-87-6-----Isopropyltoluene	16.6	U
104-51-8-----n-Butylbenzene	16.6	U
96-12-8-----1,2-dibromo-3-chloropropane	16.6	U
120-82-1-----1,2,4-Trichlorobenzene	16.6	U
87-68-3-----Hexachlorobutadiene	16.6	U
91-20-3-----Naphthalene	16.6	U
87-61-6-----1,2,3-Trichlorobenzene	16.6	U
95-47-6-----o-xylene	16.6	U
1330-20-7mp----m,p-xylenes	16.6	U
156-59-2-----cis-1,2-Dichloroethene	1440	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS01-FEB-2011 12:30

S009WJH02111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020003CHA

Matrix: (soil/water) SOIL Lab Sample ID: A001002

Sample wt/vol: 0.8 (g/mL) G Lab File ID: M8020112

Level: (low/med) LOW Date Received: 02/01/11

% Moisture: not dec. 28 Date Analyzed: 02/01/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

156-60-5-----trans-1,2-dichloroethene	58.6	
---------------------------------------	------	--

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS01-FEB-2011 12:30

S099WJH02111

Lab Name: PACE ANALYTICAL - NY LAB Contract: _____

Lab Code: 11078 Case No.: _____ SAS No.: _____ SDG No.: 11020003CHA

Matrix: (soil/water) SOIL Lab Sample ID: A001003

Sample wt/vol: 1.0 (g/mL) G Lab File ID: M8020113

Level: (low/med) LOW Date Received: 02/01/11

% Moisture: not dec. 29 Date Analyzed: 02/01/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (ml) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1634-04-4	Methyl-tert-butyl-ether	14.1	U
142-28-9	1,3-dichloropropane	14.1	U
74-97-5	bromochloromethane	14.1	U
74-87-3	chloromethane	14.1	U
74-83-9	bromomethane	14.1	U
75-01-4	vinyl chloride	14.1	U
75-00-3	chloroethane	14.1	U
75-09-2	methylene chloride	70.6	U
67-64-1	acetone	70.6	U
75-15-0	carbon disulfide	14.1	U
75-35-4	1,1-dichloroethene	14.1	U
75-34-3	1,1-dichloroethane	14.1	U
67-66-3	chloroform	14.1	U
107-06-2	1,2-dichloroethane	19.9	
78-93-3	2-butanone	14.1	U
71-55-6	1,1,1-trichloroethane	14.1	U
56-23-5	carbon tetrachloride	14.1	U
75-27-4	bromodichloromethane	14.1	U
78-87-5	1,2-dichloropropane	14.1	U
10061-01-5	cis-1,3-dichloropropene	14.1	U
79-01-6	trichloroethene	1350	
124-48-1	dibromochloromethane	14.1	U
79-00-5	1,1,2-trichloroethane	14.1	U
71-43-2	benzene	14.1	U
10061-02-6	trans-1,3-dichloropropene	14.1	U
75-25-2	bromoform	14.1	U
108-10-1	4-methyl-2-pentanone	14.1	U
591-78-6	2-hexanone	14.1	U
127-18-4	tetrachloroethene	46.7	
79-34-5	1,1,2,2-tetrachloroethane	14.1	U
108-88-3	toluene	14.1	U
108-90-7	chlorobenzene	14.1	U
100-41-4	ethylbenzene	14.1	U

FORM I VOA

FORM 1 CLOUGH HARBOUR & ASS01-FEB-2011 12:30
VOLATILE ORGANICS ANALYSIS DATA SHEET

S099WJH02111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020003CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO01003

Sample wt/vol: 1.0 (g/mL) G Lab File ID: M8020113

Level: (low/med) LOW Date Received: 02/01/11

% Moisture: not dec. 29 Date Analyzed: 02/01/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-42-5	styrene	14.1	U
75-71-8	Dichlorodifluoromethane	14.1	U
75-69-4	Trichlorofluoromethane	14.1	U
108-05-4	Vinyl Acetate	14.1	U
110-75-8	2-Chloroethyl vinyl ether	14.1	U
541-73-1	1,3-Dichlorobenzene	14.1	U
106-46-7	1,4-Dichlorobenzene	57.4	
95-50-1	1,2-Dichlorobenzene	511	
594-20-7	2,2-Dichloropropane	14.1	U
563-58-6	1,1-Dichloropropene	14.1	U
74-95-3	Dibromomethane	14.1	U
106-93-4	1,2-Dibromoethane	14.1	U
630-20-6	1,1,1,2-Tetrachloroethane	14.1	U
98-82-8	Isopropyl benzene	14.1	U
108-86-1	Bromobenzene	14.1	U
96-18-4	1,2,3-Trichloropropane	14.1	U
106-65-1	n-Propylbenzene	14.1	U
95-49-8	2-Chlorotoluene	14.1	U
108-67-8	1,3,5-Trimethylbenzene	14.1	U
106-43-4	4-Chlorotoluene	14.1	U
98-06-6	tert-Butylbenzene	14.1	U
95-63-6	1,2,4-Trimethylbenzene	14.1	U
135-98-8	sec-Butylbenzene	14.1	U
99-87-6	Isopropyltoluene	14.1	U
104-51-8	n-Butylbenzene	14.1	U
96-12-8	1,2-dibromo-3-chloropropane	14.1	U
120-82-1	1,2,4-Trichlorobenzene	14.1	U
87-68-3	Hexachlorobutadiene	14.1	U
91-20-3	Naphthalene	14.1	U
87-61-6	1,2,3-Trichlorobenzene	14.1	U
95-47-6	o-xylene	14.1	U
1330-20-7mp	m,p-xylenes	14.1	U
156-59-2	cis-1,2-Dichloroethene	1380	

FORM I VOA

FORM 1 CLOUGH HARBOUR & ASS01-FEB-2011 12:30
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: PACE ANALYTICAL - NY LAB Contract:

S099WJH02111

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020003CHA

Matrix: (soil/water) SOIL Lab Sample ID: A001003

Sample wt/vol: 1.0 (g/mL) G Lab File ID: M8020113

Level: (low/med) LOW Date Received: 02/01/11

% Moisture: not dec. 29 Date Analyzed: 02/01/11

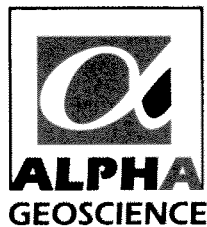
GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

156-60-5-----trans-1,2-dichloroethene	70.4	
---------------------------------------	------	--

FORM I VOA



**Data Usability Summary Report for
NEA PACE Analytical, NEA Report ID: 11020007**

**2 Soil Samples
Collected February 1, 2011**

Prepared by: Donald Anné
March 11, 2011

Geology

Hydrology

Remediation

Water Supply

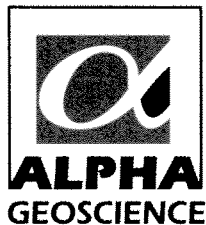
The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of volatile analyses for 2 soil samples.

The overall performances of the analyses are acceptable. NEA PACE Analytical did fulfill the requirements of the analytical method.

The data are acceptable with some issues that are identified in the accompanying data validation review. The following data were flagged:

- The positive volatile result for naphthalene was flagged as “estimated” (J) in sample S010BJH02111 because 2 of 4 surrogate recoveries were above control limits for sample S010BJH02111.
- The “not detected” volatile results for 22 compounds were flagged as “estimated” (J) in sample S011WJH02111 because the internal standard used to quantitate these compounds was below control limits in sample S011WJH02111.
- The “not detected” volatile results for 36 compounds were flagged as “estimated” (J) in sample S010BJH02111 because the internal standards used to quantitate these compounds were below control limits in sample S010BJH02111.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.



**QA/QC Review of 8260 Volatiles Data for
NEA PACE Analytical, NEA Report ID: 11020007**

**2 Soil Samples
Collected February 1, 2011**

Prepared by: Donald Anné
March 11, 2011

Geology

Hydrology

Remediation

Water Supply

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The SPCCs and CCCs were within method 8260B criteria.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The SPCCs and CCCs were within method 8260B criteria.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %D for bromomethane was above the allowable maximum (25%) on 02-03-11 (M5020302). Positive results for bromomethane should be considered estimated (J) in associated samples.

Blanks: The analysis of the method blank reported target compounds as not detected.

Internal Standard Area Summary: The internal standard retention times were within control limits. One of three internal standard areas (IS2) for samples S011WJH02111 was below control limits. Two of three internal standard areas (IS1, IS2) for samples S010BJH02111 were below control limits. Positive and “not detected” results for compounds that are quantitated using internal standard with areas below control limits should be considered estimated (J) in samples S010BJH02111 and S011WJH02111.

Surrogate Recovery: Two of four surrogate recoveries for samples S010BJH02111 and S011WJH02111 were above control limits. Positive results should be considered estimated (J) for samples S010BJH02111 and S011WJH02111.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for spiked compounds were below the allowable maximum and the percent recoveries were within QC limits for soil MS/MSD sample S001BJH012611. (This data is from NEA report ID: 11010172)

Laboratory Control Sample: The percent recoveries for spiked compounds were within QC limits for soil sample AO01015LCS.

Compound ID: Checked compounds were within GC/MS quantitation and qualification limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in SW846.

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020007CHA

Level: (low/med) LOW

	CLIENT SAMPLE NO.	SMC1 #	SMC2 (BFB) #	SMC3 (TOL) #	OTHER (DCE) #	TOT OUT
01	AO01015LCS	100	99	99	102	0
02	AO01015BLANK	106	107	102	107	0
03	S010BJH02111	117	151*	145*	110	2
04	S011WJH02111	107	142*	118*	108	2
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

QC LIMITS

SMC1 = Dibromofluoromethane (80-120)

SMC2 (BFB) = bromofluorobenzene (74-121)

SMC3 (TOL) = toluene-d8 (81-117)

OTHER(DCE) = 1,2-dichloroethane-d4 (80-120)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020007CHA

Lab File ID (Standard): M5020302 Date Analyzed: 02/03/11

Instrument ID: GCMS5 Time Analyzed: 0935

GC Column: RTX-VMS ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1(CBZ)	RT #	IS2(DCB)	RT #	IS3	RT #
	AREA #		AREA #		AREA #	
12 HOUR STD	491601	12.06	225099	13.65	659202	8.69
UPPER LIMIT	983202	12.56	450198	14.15	1318404	9.19
LOWER LIMIT	245801	11.56	112550	13.15	329601	8.19
CLIENT						
SAMPLE NO.						
01 AO01015LCS	480178	12.06	199007	13.64	678646	8.69
02 AO01015BLANK	458179	12.06	206743	13.65	659182	8.69
03 S010BJH02111	164303*	12.07	28419*	13.67	519770	8.70
04 S011WJH02111	353995	12.06	91757*	13.65	629269	8.70
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS1 (CBZ) = chlorobenzene-d5
IS2 (DCB) = 1,4-Dichlorobenzene-d4
IS3 = Fluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020007CHA

Instrument ID: GCMS5 Calibration Date: 02/03/11 Time: 0935

Lab File ID: M5020302 Init. Calib. Date(s): 07/28/10 07/28/10

Heated Purge: (Y/N) Y Init. Calib. Times: 1122 1415

GC Column: RTX-VMS ID: 0.25 (mm)

COMPOUND	SAMPLE AMOUNT	CAL40 AMOUNT	CURVE	%D	MAX %d
Methyl-tert-butyl-ether	44.2	40.0	AVRG	10.5	20.0
1,3-dichloropropane	40.3	40.0	AVRG	0.7	20.0
bromochloromethane	44.4	40.0	AVRG	11.0	20.0
1,2-dichloroethane-d4	41.2	40.0	AVRG	3.0	20.0
toluene-d8	38.6	40.0	AVRG	3.5	20.0
bromofluorobenzene	35.4	40.0	AVRG	11.5	20.0
chloromethane	41.2	40.0	AVRG	3.0	20.0
bromomethane	193	40.0	2ORDR	382.5	20.0
vinyl chloride	41.2	40.0	AVRG	3.0	20.0
chloroethane	40.1	40.0	AVRG	0.2	20.0
methylene chloride	42.5	40.0	AVRG	6.2	20.0
acetone	41.3	40.0	2ORDR	3.2	20.0
carbon disulfide	45.4	40.0	AVRG	13.5	20.0
1,1-dichloroethene	46.4	40.0	AVRG	16.0	20.0
1,1-dichloroethane	46.9	40.0	AVRG	17.2	20.0
chloroform	43.7	40.0	AVRG	9.2	20.0
1,2-dichloroethane	42.9	40.0	AVRG	7.2	20.0
2-butanone	42.1	40.0	AVRG	5.2	20.0
1,1,1-trichloroethane	44.6	40.0	AVRG	11.5	20.0
carbon tetrachloride	45.9	40.0	AVRG	14.8	20.0
bromodichloromethane	43.3	40.0	AVRG	8.2	20.0
1,2-dichloropropane	43.7	40.0	AVRG	9.2	20.0
cis-1,3-dichloropropene	44.0	40.0	AVRG	10.0	20.0
trichloroethene	44.4	40.0	AVRG	11.0	20.0
dibromochloromethane	41.6	40.0	AVRG	4.0	20.0
1,1,2-trichloroethane	37.9	40.0	AVRG	5.2	20.0
benzene	41.9	40.0	AVRG	4.8	20.0
trans-1,3-dichloropropene	42.3	40.0	AVRG	5.8	20.0
bromoform	37.5	40.0	AVRG	6.2	20.0
4-methyl-2-pentanone	41.9	40.0	AVRG	4.8	20.0
2-hexanone	43.9	40.0	2ORDR	9.8	20.0
tetrachloroethene	41.4	40.0	AVRG	3.5	20.0
1,1,2,2-tetrachloroethane	34.7	40.0	AVRG	13.2	20.0
toluene	38.2	40.0	AVRG	4.5	20.0
chlorobenzene	39.3	40.0	AVRG	1.8	20.0
ethylbenzene	39.9	40.0	AVRG	0.2	20.0

<-

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020007CHA

Instrument ID: GCMS5 Calibration Date: 02/03/11 Time: 0935

Lab File ID: M5020302 Init. Calib. Date(s): 07/28/10 07/28/10

Heated Purge: (Y/N) Y Init. Calib. Times: 1122 1415

GC Column: RTX-VMS ID: 0.25 (mm)

COMPOUND	SAMPLE AMOUNT	CAL40 AMOUNT	CURVE	%D	MAX %d
styrene	40.1	40.0	AVRG	0.2	20.0
Dichlorodifluoromethane	35.9	40.0	AVRG	10.2	20.0
Trichlorofluoromethane	41.7	40.0	AVRG	4.2	20.0
Vinyl Acetate	46.1	40.0	AVRG	15.2	20.0
2-Chloroethyl vinyl ether	39.0	40.0	AVRG	2.5	20.0
1,3-Dichlorobenzene	37.2	40.0	AVRG	7.0	20.0
1,4-Dichlorobenzene	37.3	40.0	AVRG	6.8	20.0
1,2-Dichlorobenzene	37.0	40.0	AVRG	7.5	20.0
2,2-Dichloropropane	45.4	40.0	AVRG	13.5	20.0
Dibromofluoromethane	42.4	40.0	AVRG	6.0	20.0
1,1-Dichloropropene	43.4	40.0	AVRG	8.5	20.0
Dibromomethane	43.8	40.0	AVRG	9.5	20.0
1,2-Dibromoethane	38.6	40.0	AVRG	3.5	20.0
1,1,1,2-Tetrachloroethane	39.5	40.0	AVRG	1.2	20.0
Isopropyl benzene	38.5	40.0	AVRG	3.8	20.0
Bromobenzene	32.8	40.0	AVRG	18.0	20.0
1,2,3-Trichloropropane	34.4	40.0	AVRG	14.0	20.0
n-Propylbenzene	38.8	40.0	AVRG	3.0	20.0
2-Chlorotoluene	36.9	40.0	AVRG	7.8	20.0
1,3,5-Trimethylbenzene	38.2	40.0	AVRG	4.5	20.0
4-Chlorotoluene	36.9	40.0	AVRG	7.8	20.0
tert-Butylbenzene	36.7	40.0	AVRG	8.2	20.0
1,2,4-Trimethylbenzene	36.7	40.0	AVRG	8.2	20.0
sec-Butylbenzene	36.2	40.0	AVRG	9.5	20.0
Isopropyltoluene	37.4	40.0	AVRG	6.5	20.0
n-Butylbenzene	35.2	40.0	AVRG	12.0	20.0
1,2-dibromo-3-chloropropane	42.5	40.0	2ORDR	6.2	20.0
1,2,4-Trichlorobenzene	34.1	40.0	AVRG	14.8	20.0
Hexachlorobutadiene	32.6	40.0	AVRG	18.5	20.0
Naphthalene	33.2	40.0	AVRG	17.0	20.0
1,2,3-Trichlorobenzene	35.2	40.0	AVRG	12.0	20.0
o-xylene	37.8	40.0	AVRG	5.5	20.0
m,p-xylenes	81.4	80.0	AVRG	1.8	20.0
cis-1,2-Dichloroethene	43.0	40.0	AVRG	7.5	20.0
trans-1,2-dichloroethene	46.5	40.0	AVRG	16.2	20.0

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS02-FEB-2011 06:30

S010BJH02111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078

Case No.:

SAS No.:

SDG No.: 11020007CHA

Matrix: (soil/water) SOIL

Lab Sample ID: AO01015

Sample wt/vol: 0.8 (g/mL) G

Lab File ID: M5020306

Level: (low/med) LOW

Date Received: 02/02/11

% Moisture: not dec. 24

Date Analyzed: 02/03/11

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (ml)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

1634-04-4	Methyl-tert-butyl-ether	16.2	U
142-28-9	1,3-dichloropropane	16.2	UJ
74-97-5	bromochloromethane	16.2	U
74-87-3	chloromethane	16.2	U
74-83-9	bromomethane	16.2	U
75-01-4	vinyl chloride	16.2	U
75-00-3	chloroethane	16.2	U
75-09-2	methylene chloride	81.1	U
67-64-1	acetone	81.1	U
75-15-0	carbon disulfide	16.2	U
75-35-4	1,1-dichloroethene	16.2	U
75-34-3	1,1-dichloroethane	16.2	U
67-66-3	chloroform	16.2	U
107-06-2	1,2-dichloroethane	16.2	U
78-93-3	2-butanone	16.2	U
71-55-6	1,1,1-trichloroethane	16.2	U
56-23-5	carbon tetrachloride	16.2	U
75-27-4	bromodichloromethane	16.2	U
78-87-5	1,2-dichloropropane	16.2	U
10061-01-5	cis-1,3-dichloropropene	16.2	U
79-01-6	trichloroethene	16.2	U
124-48-1	dibromochloromethane	16.2	U
79-00-5	1,1,2-trichloroethane	16.2	U
71-43-2	benzene	16.2	U
10061-02-6	trans-1,3-dichloropropene	16.2	U
75-25-2	bromoform	16.2	U
108-10-1	4-methyl-2-pentanone	16.2	U
591-78-6	2-hexanone	16.2	U
127-18-4	tetrachloroethene	16.2	U
79-34-5	1,1,2,2-tetrachloroethane	16.2	U
108-88-3	toluene	16.2	U
108-90-7	chlorobenzene	16.2	U
100-41-4	ethylbenzene	16.2	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS02-FEB-2011 06:30

S010BJH02111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020007CHA

Matrix: (soil/water) SOIL Lab Sample ID: A001015

Sample wt/vol: 0.8 (g/mL) G Lab File ID: M5020306

Level: (low/med) LOW Date Received: 02/02/11

% Moisture: not dec. 24 Date Analyzed: 02/03/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
			Q
100-42-5	styrene	16.2	UJ
75-71-8	Dichlorodifluoromethane	16.2	U
75-69-4	Trichlorofluoromethane	16.2	U
108-05-4	Vinyl Acetate	16.2	U
110-75-8	2-Chloroethyl vinyl ether	16.2	U
541-73-1	1,3-Dichlorobenzene	16.2	U
106-46-7	1,4-Dichlorobenzene	16.2	U
95-50-1	1,2-Dichlorobenzene	16.2	U
594-20-7	2,2-Dichloropropane	16.2	U
563-58-6	1,1-Dichloropropene	16.2	U
74-95-3	Dibromomethane	16.2	U
106-93-4	1,2-Dibromoethane	16.2	U
630-20-6	1,1,1,2-Tetrachloroethane	16.2	U
98-82-8	Isopropyl benzene	16.2	U
108-86-1	Bromobenzene	16.2	U
96-18-4	1,2,3-Trichloropropane	16.2	U
106-65-1	n-Propylbenzene	16.2	U
95-49-8	2-Chlorotoluene	16.2	U
108-67-8	1,3,5-Trimethylbenzene	16.2	U
106-43-4	4-Chlorotoluene	16.2	U
98-06-6	tert-Butylbenzene	16.2	U
95-63-6	1,2,4-Trimethylbenzene	16.2	U
135-98-8	sec-Butylbenzene	16.2	U
99-87-6	Isopropyltoluene	16.2	U
104-51-8	n-Butylbenzene	16.2	U
96-12-8	1,2-dibromo-3-chloropropane	16.2	U
120-82-1	1,2,4-Trichlorobenzene	16.2	U
87-68-3	Hexachlorobutadiene	16.2	U
91-20-3	Naphthalene	17.2	U
87-61-6	1,2,3-Trichlorobenzene	16.2	U
95-47-6	o-xylene	16.2	U
1330-20-7	m,p-xylenes	16.2	U
156-59-2	cis-1,2-Dichloroethene	16.2	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS02-FEB-2011 06:30

S010BJH02111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020007CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO01015

Sample wt/vol: 0.8 (g/mL) G Lab File ID: M5020306

Level: (low/med) LOW Date Received: 02/02/11

% Moisture: not dec. 24 Date Analyzed: 02/03/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
156-60-5-----	trans-1,2-dichloroethene	16.2	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS02-FEB-2011 06:30

S011WJH02111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020007CHA

Matrix: (soil/water) SOIL Lab Sample ID: A001016

Sample wt/vol: 0.5 (g/mL) G Lab File ID: M5020309

Level: (low/med) LOW Date Received: 02/02/11

% Moisture: not dec. 33 Date Analyzed: 02/03/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

1634-04-4	Methyl-tert-butyl-ether	28.3	U
142-28-9	1,3-dichloropropane	28.3	U
74-97-5	bromochloromethane	28.3	U
74-87-3	chloromethane	28.3	U
74-83-9	bromomethane	28.3	U
75-01-4	vinyl chloride	28.3	U
75-00-3	chloroethane	28.3	U
75-09-2	methylene chloride	141	U
67-64-1	acetone	141	U
75-15-0	carbon disulfide	28.3	U
75-35-4	1,1-dichloroethene	28.3	U
75-34-3	1,1-dichloroethane	28.3	U
67-66-3	chloroform	28.3	U
107-06-2	1,2-dichloroethane	28.3	U
78-93-3	2-butanone	28.3	U
71-55-6	1,1,1-trichloroethane	28.3	U
56-23-5	carbon tetrachloride	28.3	U
75-27-4	bromodichloromethane	28.3	U
78-87-5	1,2-dichloropropane	28.3	U
10061-01-5	cis-1,3-dichloropropene	28.3	U
79-01-6	trichloroethene	28.3	U
124-48-1	dibromochloromethane	28.3	U
79-00-5	1,1,2-trichloroethane	28.3	U
71-43-2	benzene	28.3	U
10061-02-6	trans-1,3-dichloropropene	28.3	U
75-25-2	bromoform	28.3	U J
108-10-1	4-methyl-2-pentanone	28.3	U
591-78-6	2-hexanone	28.3	U
127-18-4	tetrachloroethene	28.3	U
79-34-5	1,1,2,2-tetrachloroethane	28.3	U J
108-88-3	toluene	28.3	U
108-90-7	chlorobenzene	28.3	U
100-41-4	ethylbenzene	28.3	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS02-FEB-2011 06:30

S011WJH02111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020007CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO01016

Sample wt/vol: 0.5 (g/mL) G Lab File ID: M5020309

Level: (low/med) LOW Date Received: 02/02/11

% Moisture: not dec. 33 Date Analyzed: 02/03/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-42-5	styrene	28.3	U
75-71-8	Dichlorodifluoromethane	28.3	U
75-69-4	Trichlorofluoromethane	28.3	U
108-05-4	Vinyl Acetate	28.3	U
110-75-8	2-Chloroethyl vinyl ether	28.3	U
541-73-1	1,3-Dichlorobenzene	28.3	U
106-46-7	1,4-Dichlorobenzene	28.3	U
95-50-1	1,2-Dichlorobenzene	28.3	U
594-20-7	2,2-Dichloropropane	28.3	U
563-58-6	1,1-Dichloropropane	28.3	U
74-95-3	Dibromomethane	28.3	U
106-93-4	1,2-Dibromoethane	28.3	U
630-20-6	1,1,1,2-Tetrachloroethane	28.3	U
98-82-8	Isopropyl benzene	28.3	U
108-86-1	Bromobenzene	28.3	U
96-18-4	1,2,3-Trichloropropane	28.3	U
106-65-1	n-Propylbenzene	28.3	U
95-49-8	2-Chlorotoluene	28.3	U
108-67-8	1,3,5-Trimethylbenzene	28.3	U
106-43-4	4-Chlorotoluene	28.3	U
98-06-6	tert-Butylbenzene	28.3	U
95-63-6	1,2,4-Trimethylbenzene	28.3	U
135-98-8	sec-Butylbenzene	28.3	U
99-87-6	Isopropyltoluene	28.3	U
104-51-8	n-Butylbenzene	28.3	U
96-12-8	1,2-dibromo-3-chloropropane	28.3	U
120-82-1	1,2,4-Trichlorobenzene	28.3	U
87-68-3	Hexachlorobutadiene	28.3	U
91-20-3	Naphthalene	28.3	U
87-61-6	1,2,3-Trichlorobenzene	28.3	U
95-47-6	o-xylene	28.3	U
1330-20-7mp	m,p-xylenes	28.3	U
156-59-2	cis-1,2-Dichloroethene	28.3	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS02-FEB-2011 06:30

S011WJH02111

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020007CHA

Matrix: (soil/water) SOIL

Lab Sample ID: AO01016

Sample wt/vol: 0.5 (g/mL) G

Lab File ID: M5020309

Level: (low/med) LOW

Date Received: 02/02/11

% Moisture: not dec. 33

Date Analyzed: 02/03/11

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

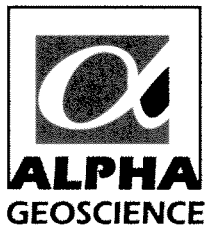
Soil Extract Volume: (ml)

Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

156-60-5-----trans-1,2-dichloroethene	28.3	U
---------------------------------------	------	---

FORM I VOA



**Data Usability Summary Report for
NEA PACE Analytical, NEA Report ID: 11020027**

**6 Soil Samples
Collected February 3, 2011**

Prepared by: Donald Anné
March 11, 2011

Geology

Hydrology

Remediation

Water Supply

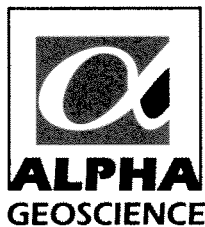
The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of volatile analyses for 6 soil samples.

The overall performances of the analyses are acceptable. NEA PACE Analytical did fulfill the requirements of the analytical method.

The data are acceptable with some issues that are identified in the accompanying data validation review. The following data were flagged:

- The “not detected” volatile results for 37 compounds were flagged as “estimated” (J) in all six soil samples because the internal standards used to quantitate these compounds were below control limits in the six samples.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of 8260 Volatiles Data for
NEA PACE Analytical, NEA Report ID: 11020027**

**6 Soil Samples
Collected February 3, 2011**

Prepared by: Donald Anné
March 11, 2011

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The SPCCs and CCCs were within method 8260B criteria.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The SPCCs and CCCs were within method 8260B criteria.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %D for bromomethane was above the allowable maximum (25%) on 02-03-11 (M5020302). The %Ds for bromomethane and 2-chloroethyl vinyl ether were above the allowable maximum (25%) on 02-04-11 (M5020402). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of method blank reported target compounds as not detected.

Internal Standard Area Summary: The internal standard retention times were within control limits. Two of three internal standard areas (IS1, IS2) for all six soil samples were below control limits. Positive and "not detected" results for compounds that are quantitated using internal standards IS1 and IS2 should be considered estimated (J) in all six samples.

Surrogate Recovery: Two of four surrogate recoveries for samples S013WJH02311, S015WJH02311, S016WJH02311, and S017WJH02311 were above control limits. Three of four surrogate recoveries for sample S013WJH01311 were above control limits. Four of four surrogate recoveries for sample S014BJH02311 were above control limits. Positive results should be considered estimated (J) for samples these six samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for spiked compounds were below the allowable maximum and the percent recoveries were within QC limits for soil MS/MSD sample S001BJH012611. (This data is from NEA report ID: 11010172)

Laboratory Control Sample: The percent recoveries for spiked compounds were within QC limits for soil samples AO01015LCS and AO01126LCS.

Compound ID: Checked surrogates were within GC/MS quantitation and qualification limits. The analyses of samples in this data pack reported target compounds as not detected.

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Level: (low/med) LOW

	CLIENT SAMPLE NO.	SMC1 #	SMC2 (BFB) #	SMC3 (TOL) #	OTHER (DCE) #	TOT OUT
01	AO01015LCS	100	99	99	102	0
02	AO01015BLANK	106	107	102	107	0
03	S012WJH02311	127*	150*	154*	115	3
04	S013WJH02311	118	151*	142*	107	2
05	S014BJH02311	125*	146*	154*	120*	4
06	S015WJH02311	119	151*	147*	108	2
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

QC LIMITS

SMC1 = Dibromofluoromethane (80-120)

SMC2 (BFB) = bromofluorobenzene (74-121)

SMC3 (TOL) = toluene-d8 (81-117)

OTHER(DCE) = 1,2-dichloroethane-d4 (80-120)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Level:(low/med) LOW

	CLIENT SAMPLE NO.	SMC1 #	SMC2 (BFB) #	SMC3 (TOL) #	OTHER (DCE) #	TOT OUT
01	AO01126LCS	104	101	105	105	0
02	AO01126BLANK	103	103	102	102	0
03	S016WJH02311	119	153*	144*	109	2
04	S017WJH02311	116	170*	159*	106	2
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

QC LIMITS

SMC1 = Dibromofluoromethane (80-120)

SMC2 (BFB) = bromofluorobenzene (74-121)

SMC3 (TOL) = toluene-d8 (81-117)

OTHER(DCE) = 1,2-dichloroethane-d4 (80-120)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: PACE ANALYTICAL - NY LAB Contract:
 Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA
 Lab File ID (Standard): M5020402 Date Analyzed: 02/04/11
 Instrument ID: GCMS5 Time Analyzed: 0914
 GC Column: RTX-VMS ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1(CBZ) AREA #	RT #	IS2(DCB) AREA #	RT #	IS3 AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	493995	12.08	194127	13.66	696357	8.70
UPPER LIMIT	987990	12.58	388254	14.16	1392714	9.20
LOWER LIMIT	246998	11.58	97064	13.16	348179	8.20
=====	=====	=====	=====	=====	=====	=====
CLIENT SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 AO01126LCS	441260	12.07	196499	13.65	657993	8.70
02 AO01126BLANK	468964	12.08	206758	13.65	682278	8.71
03 S016WJH02311	158144*	12.08	23987*	13.67	513898	8.72
04 S017WJH02311	176246*	12.08	23153*	13.66	551545	8.71
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS1 (CBZ) = chlorobenzene-d5
 IS2 (DCB) = 1,4-Dichlorobenzene-d4
 IS3 = Fluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT
 RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: PACE ANALYTICAL - NY LAB Contract:
 Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA
 Lab File ID (Standard): M5020302 Date Analyzed: 02/03/11
 Instrument ID: GCMS5 Time Analyzed: 0935
 GC Column: RTX-VMS ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1(CBZ)	RT #	IS2(DCB)	RT #	IS3	RT #
	AREA #		AREA #		AREA #	
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	491601	12.06	225099	13.65	659202	8.69
UPPER LIMIT	983202	12.56	450198	14.15	1318404	9.19
LOWER LIMIT	245801	11.56	112550	13.15	329601	8.19
=====	=====	=====	=====	=====	=====	=====
CLIENT						
SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 AO01015LCS	480178	12.06	199007	13.64	678646	8.69
02 AO01015BLANK	458179	12.06	206743	13.65	659182	8.69
03 S012WJH02311	118101*	12.07	17224*	13.67	452927	8.69
04 S013WJH02311	213801*	12.07	35434*	13.66	531894	8.70
05 S014BJH02311	149787*	12.07	24560*	13.66	471810	8.69
06 S015WJH02311	187071*	12.07	35067*	13.66	534583	8.70
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS1 (CBZ) = chlorobenzene-d5
 IS2 (DCB) = 1,4-Dichlorobenzene-d4
 IS3 = Fluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT
 RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Instrument ID: GCMS5 Calibration Date: 02/03/11 Time: 0935

Lab File ID: M5020302 Init. Calib. Date(s): 07/28/10 07/28/10

Heated Purge: (Y/N) Y Init. Calib. Times: 1122 1415

GC Column: RTX-VMS ID: 0.25 (mm)

COMPOUND	SAMPLE AMOUNT	CAL40 AMOUNT	CURVE	%D	MAX %d
Methyl-tert-butyl-ether	44.2	40.0	AVRG	10.5	20.0
1,3-dichloropropane	40.3	40.0	AVRG	0.7	20.0
bromochloromethane	44.4	40.0	AVRG	11.0	20.0
1,2-dichloroethane-d4	41.2	40.0	AVRG	3.0	20.0
toluene-d8	38.6	40.0	AVRG	3.5	20.0
bromofluorobenzene	35.4	40.0	AVRG	11.5	20.0
chloromethane	41.2	40.0	AVRG	3.0	20.0
bromomethane	193	40.0	2ORDR	382.5	20.0
vinyl chloride	41.2	40.0	AVRG	3.0	20.0
chloroethane	40.1	40.0	AVRG	0.2	20.0
methylene chloride	42.5	40.0	AVRG	6.2	20.0
acetone	41.3	40.0	2ORDR	3.2	20.0
carbon disulfide	45.4	40.0	AVRG	13.5	20.0
1,1-dichloroethene	46.4	40.0	AVRG	16.0	20.0
1,1-dichloroethane	46.9	40.0	AVRG	17.2	20.0
chloroform	43.7	40.0	AVRG	9.2	20.0
1,2-dichloroethane	42.9	40.0	AVRG	7.2	20.0
2-butanone	42.1	40.0	AVRG	5.2	20.0
1,1,1-trichloroethane	44.6	40.0	AVRG	11.5	20.0
carbon tetrachloride	45.9	40.0	AVRG	14.8	20.0
bromodichloromethane	43.3	40.0	AVRG	8.2	20.0
1,2-dichloropropane	43.7	40.0	AVRG	9.2	20.0
cis-1,3-dichloropropene	44.0	40.0	AVRG	10.0	20.0
trichloroethene	44.4	40.0	AVRG	11.0	20.0
dibromochloromethane	41.6	40.0	AVRG	4.0	20.0
1,1,2-trichloroethane	37.9	40.0	AVRG	5.2	20.0
benzene	41.9	40.0	AVRG	4.8	20.0
trans-1,3-dichloropropene	42.3	40.0	AVRG	5.8	20.0
bromoform	37.5	40.0	AVRG	6.2	20.0
4-methyl-2-pentanone	41.9	40.0	AVRG	4.8	20.0
2-hexanone	43.9	40.0	2ORDR	9.8	20.0
tetrachloroethene	41.4	40.0	AVRG	3.5	20.0
1,1,2,2-tetrachloroethane	34.7	40.0	AVRG	13.2	20.0
toluene	38.2	40.0	AVRG	4.5	20.0
chlorobenzene	39.3	40.0	AVRG	1.8	20.0
ethylbenzene	39.9	40.0	AVRG	0.2	20.0

<-

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Instrument ID: GCMS5 Calibration Date: 02/03/11 Time: 0935

Lab File ID: M5020302 Init. Calib. Date(s): 07/28/10 07/28/10

Heated Purge: (Y/N) Y Init. Calib. Times: 1122 1415

GC Column: RTX-VMS ID: 0.25 (mm)

COMPOUND	SAMPLE AMOUNT	CAL40 AMOUNT	CURVE	%D	MAX %d
styrene	40.1	40.0	AVRG	0.2	20.0
Dichlorodifluoromethane	35.9	40.0	AVRG	10.2	20.0
Trichlorofluoromethane	41.7	40.0	AVRG	4.2	20.0
Vinyl Acetate	46.1	40.0	AVRG	15.2	20.0
2-Chloroethyl vinyl ether	39.0	40.0	AVRG	2.5	20.0
1,3-Dichlorobenzene	37.2	40.0	AVRG	7.0	20.0
1,4-Dichlorobenzene	37.3	40.0	AVRG	6.8	20.0
1,2-Dichlorobenzene	37.0	40.0	AVRG	7.5	20.0
2,2-Dichloropropane	45.4	40.0	AVRG	13.5	20.0
Dibromofluoromethane	42.4	40.0	AVRG	6.0	20.0
1,1-Dichloropropene	43.4	40.0	AVRG	8.5	20.0
Dibromomethane	43.8	40.0	AVRG	9.5	20.0
1,2-Dibromoethane	38.6	40.0	AVRG	3.5	20.0
1,1,1,2-Tetrachloroethane	39.5	40.0	AVRG	1.2	20.0
Isopropyl benzene	38.5	40.0	AVRG	3.8	20.0
Bromobenzene	32.8	40.0	AVRG	18.0	20.0
1,2,3-Trichloropropane	34.4	40.0	AVRG	14.0	20.0
n-Propylbenzene	38.8	40.0	AVRG	3.0	20.0
2-Chlorotoluene	36.9	40.0	AVRG	7.8	20.0
1,3,5-Trimethylbenzene	38.2	40.0	AVRG	4.5	20.0
4-Chlorotoluene	36.9	40.0	AVRG	7.8	20.0
tert-Butylbenzene	36.7	40.0	AVRG	8.2	20.0
1,2,4-Trimethylbenzene	36.7	40.0	AVRG	8.2	20.0
sec-Butylbenzene	36.2	40.0	AVRG	9.5	20.0
Isopropyltoluene	37.4	40.0	AVRG	6.5	20.0
n-Butylbenzene	35.2	40.0	AVRG	12.0	20.0
1,2-dibromo-3-chloropropane	42.5	40.0	2ORDR	6.2	20.0
1,2,4-Trichlorobenzene	34.1	40.0	AVRG	14.8	20.0
Hexachlorobutadiene	32.6	40.0	AVRG	18.5	20.0
Naphthalene	33.2	40.0	AVRG	17.0	20.0
1,2,3-Trichlorobenzene	35.2	40.0	AVRG	12.0	20.0
o-xylene	37.8	40.0	AVRG	5.5	20.0
m,p-xylenes	81.4	80.0	AVRG	1.8	20.0
cis-1,2-Dichloroethene	43.0	40.0	AVRG	7.5	20.0
trans-1,2-dichloroethene	46.5	40.0	AVRG	16.2	20.0

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Instrument ID: GCMS5 Calibration Date: 02/04/11 Time: 0914

Lab File ID: M5020402 Init. Calib. Date(s): 07/28/10 07/28/10

Heated Purge: (Y/N) Y Init. Calib. Times: 1122 1415

GC Column: RTX-VMS ID: 0.25 (mm)

COMPOUND	SAMPLE AMOUNT	CAL40 AMOUNT	CURVE	%D	MAX %d
Methyl-tert-butyl-ether	44.7	40.0	AVRG	11.8	20.0
1,3-dichloropropane	40.0	40.0	AVRG	0.0	20.0
bromochloromethane	43.4	40.0	AVRG	8.5	20.0
1,2-dichloroethane-d4	41.7	40.0	AVRG	4.2	20.0
toluene-d8	40.6	40.0	AVRG	1.5	20.0
bromofluorobenzene	44.0	40.0	AVRG	10.0	20.0
chloromethane	37.2	40.0	AVRG	7.0	20.0
bromomethane	200	40.0	2ORDR	400.0	20.0
vinyl chloride	41.1	40.0	AVRG	2.8	20.0
chloroethane	34.1	40.0	AVRG	14.8	20.0
methylene chloride	42.8	40.0	AVRG	7.0	20.0
acetone	40.1	40.0	2ORDR	0.2	20.0
carbon disulfide	42.4	40.0	AVRG	6.0	20.0
1,1-dichloroethene	43.0	40.0	AVRG	7.5	20.0
1,1-dichloroethane	46.3	40.0	AVRG	15.8	20.0
chloroform	41.1	40.0	AVRG	2.8	20.0
1,2-dichloroethane	39.3	40.0	AVRG	1.8	20.0
2-butanone	40.5	40.0	AVRG	1.2	20.0
1,1,1-trichloroethane	42.6	40.0	AVRG	6.5	20.0
carbon tetrachloride	42.9	40.0	AVRG	7.2	20.0
bromodichloromethane	41.5	40.0	AVRG	3.8	20.0
1,2-dichloropropane	42.7	40.0	AVRG	6.8	20.0
cis-1,3-dichloropropene	39.0	40.0	AVRG	2.5	20.0
trichloroethene	42.2	40.0	AVRG	5.5	20.0
dibromochloromethane	39.4	40.0	AVRG	1.5	20.0
1,1,2-trichloroethane	40.0	40.0	AVRG	0.0	20.0
benzene	38.1	40.0	AVRG	4.8	20.0
trans-1,3-dichloropropene	41.8	40.0	AVRG	4.5	20.0
bromoform	47.8	40.0	AVRG	19.5	20.0
4-methyl-2-pentanone	42.2	40.0	AVRG	5.5	20.0
2-hexanone	43.5	40.0	2ORDR	8.8	20.0
tetrachloroethene	42.7	40.0	AVRG	6.8	20.0
1,1,2,2-tetrachloroethane	41.4	40.0	AVRG	3.5	20.0
toluene	38.0	40.0	AVRG	5.0	20.0
chlorobenzene	38.2	40.0	AVRG	4.5	20.0
ethylbenzene	38.5	40.0	AVRG	3.8	20.0

<-

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Instrument ID: GCMS5 Calibration Date: 02/04/11 Time: 0914

Lab File ID: M5020402 Init. Calib. Date(s): 07/28/10 07/28/10

Heated Purge: (Y/N) Y Init. Calib. Times: 1122 1415

GC Column: RTX-VMS ID: 0.25 (mm)

COMPOUND	SAMPLE AMOUNT	CAL40 AMOUNT	CURVE	%D	MAX %d
styrene	37.7	40.0	AVRG	5.8	20.0
Dichlorodifluoromethane	34.6	40.0	AVRG	13.5	20.0
Trichlorofluoromethane	41.8	40.0	AVRG	4.5	20.0
Vinyl Acetate	44.2	40.0	AVRG	10.5	20.0
2-Chloroethyl vinyl ether	56.1	40.0	AVRG	40.2	20.0
1,3-Dichlorobenzene	40.2	40.0	AVRG	0.5	20.0
1,4-Dichlorobenzene	44.3	40.0	AVRG	10.8	20.0
1,2-Dichlorobenzene	39.4	40.0	AVRG	1.5	20.0
2,2-Dichloropropane	42.8	40.0	AVRG	7.0	20.0
Dibromofluoromethane	40.5	40.0	AVRG	1.2	20.0
1,1-Dichloropropene	42.2	40.0	AVRG	5.5	20.0
Dibromomethane	40.3	40.0	AVRG	0.7	20.0
1,2-Dibromoethane	41.8	40.0	AVRG	4.5	20.0
1,1,1,2-Tetrachloroethane	39.1	40.0	AVRG	2.2	20.0
Isopropyl benzene	41.5	40.0	AVRG	3.8	20.0
Bromobenzene	37.3	40.0	AVRG	6.8	20.0
1,2,3-Trichloropropane	43.0	40.0	AVRG	7.5	20.0
n-Propylbenzene	43.9	40.0	AVRG	9.8	20.0
2-Chlorotoluene	43.4	40.0	AVRG	8.5	20.0
1,3,5-Trimethylbenzene	43.5	40.0	AVRG	8.8	20.0
4-Chlorotoluene	42.2	40.0	AVRG	5.5	20.0
tert-Butylbenzene	42.5	40.0	AVRG	6.2	20.0
1,2,4-Trimethylbenzene	41.3	40.0	AVRG	3.2	20.0
sec-Butylbenzene	43.0	40.0	AVRG	7.5	20.0
Isopropyltoluene	40.8	40.0	AVRG	2.0	20.0
n-Butylbenzene	41.2	40.0	AVRG	3.0	20.0
1,2-dibromo-3-chloropropane	48.6	40.0	2ORDR	21.5	20.0
1,2,4-Trichlorobenzene	38.8	40.0	AVRG	3.0	20.0
Hexachlorobutadiene	33.8	40.0	AVRG	15.5	20.0
Naphthalene	37.3	40.0	AVRG	6.8	20.0
1,2,3-Trichlorobenzene	37.0	40.0	AVRG	7.5	20.0
o-xylene	39.9	40.0	AVRG	0.2	20.0
m,p-xylenes	78.0	80.0	AVRG	2.5	20.0
cis-1,2-Dichloroethene	40.9	40.0	AVRG	2.2	20.0
trans-1,2-dichloroethene	42.7	40.0	AVRG	6.8	20.0

<-

<-

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS03-FEB-2011 15:44

S012WJH02311

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO01122

Sample wt/vol: 1.0 (g/mL) G Lab File ID: M5020313

Level: (low/med) LOW Date Received: 02/03/11

% Moisture: not dec. 27 Date Analyzed: 02/03/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1634-04-4	Methyl-tert-butyl-ether	14.2	U
142-28-9	1,3-dichloropropane	14.2	U J
74-97-5	bromochloromethane	14.2	U
74-87-3	chloromethane	14.2	U
74-83-9	bromomethane	14.2	U
75-01-4	vinyl chloride	14.2	U
75-00-3	chloroethane	14.2	U
75-09-2	methylene chloride	71.1	U
67-64-1	acetone	71.1	U
75-15-0	carbon disulfide	14.2	U
75-35-4	1,1-dichloroethene	14.2	U
75-34-3	1,1-dichloroethane	14.2	U
67-66-3	chloroform	14.2	U
107-06-2	1,2-dichloroethane	14.2	U
78-93-3	2-butanone	14.2	U
71-55-6	1,1,1-trichloroethane	14.2	U
56-23-5	carbon tetrachloride	14.2	U
75-27-4	bromodichloromethane	14.2	U
78-87-5	1,2-dichloropropane	14.2	U
10061-01-5	cis-1,3-dichloropropene	14.2	U
79-01-6	trichloroethene	14.2	U
124-48-1	dibromochloromethane	14.2	U
79-00-5	1,1,2-trichloroethane	14.2	U
71-43-2	benzene	14.2	U
10061-02-6	trans-1,3-dichloropropene	14.2	U
75-25-2	bromoform	14.2	U
108-10-1	4-methyl-2-pentanone	14.2	U
591-78-6	2-hexanone	14.2	U
127-18-4	tetrachloroethene	14.2	U
79-34-5	1,1,2,2-tetrachloroethane	14.2	U
108-88-3	toluene	14.2	U
108-90-7	chlorobenzene	14.2	U
100-41-4	ethylbenzene	14.2	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS03-FEB-2011 15:44

S012WJH02311

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Matrix: (soil/water) SOIL Lab Sample ID: A001122

Sample wt/vol: 1.0 (g/mL) G Lab File ID: M5020313

Level: (low/med) LOW Date Received: 02/03/11

% Moisture: not dec. 27 Date Analyzed: 02/03/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-42-5	styrene	14.2	U J
75-71-8	Dichlorodifluoromethane	14.2	U
75-69-4	Trichlorofluoromethane	14.2	U
108-05-4	Vinyl Acetate	14.2	U
110-75-8	2-Chloroethyl vinyl ether	14.2	U
541-73-1	1,3-Dichlorobenzene	14.2	U J
106-46-7	1,4-Dichlorobenzene	14.2	U J
95-50-1	1,2-Dichlorobenzene	14.2	U J
594-20-7	2,2-Dichloropropane	14.2	U
563-58-6	1,1-Dichloropropene	14.2	U
74-95-3	Dibromomethane	14.2	U
106-93-4	1,2-Dibromoethane	14.2	U
630-20-6	1,1,1,2-Tetrachloroethane	14.2	U
98-82-8	Isopropyl benzene	14.2	U
108-86-1	Bromobenzene	14.2	U
96-18-4	1,2,3-Trichloropropane	14.2	U
106-65-1	n-Propylbenzene	14.2	U
95-49-8	2-Chlorotoluene	14.2	U
108-67-8	1,3,5-Trimethylbenzene	14.2	U
106-43-4	4-Chlorotoluene	14.2	U
98-06-6	tert-Butylbenzene	14.2	U
95-63-6	1,2,4-Trimethylbenzene	14.2	U
135-98-8	sec-Butylbenzene	14.2	U
99-87-6	Isopropyltoluene	14.2	U
104-51-8	n-Butylbenzene	14.2	U
96-12-8	1,2-dibromo-3-chloropropane	14.2	U
120-82-1	1,2,4-Trichlorobenzene	14.2	U
87-68-3	Hexachlorobutadiene	14.2	U
91-20-3	Naphthalene	14.2	U
87-61-6	1,2,3-Trichlorobenzene	14.2	U
95-47-6	o-xylene	14.2	U
1330-20-7	m,p-xylenes	14.2	U
156-59-2	cis-1,2-Dichloroethene	14.2	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS03-FEB-2011 15:44

S012WJH02311

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Matrix: (soil/water) SOIL Lab Sample ID: A001122

Sample wt/vol: 1.0 (g/mL) G Lab File ID: M5020313

Level: (low/med) LOW Date Received: 02/03/11

% Moisture: not dec. 27 Date Analyzed: 02/03/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

156-60-5-----trans-1,2-dichloroethene	14.2	U
---------------------------------------	------	---

FORM I VOA

FORM 1 CLOUGH HARBOUR & ASS03-FEB-2011 15:44
VOLATILE ORGANICS ANALYSIS DATA SHEET

S013WJH02311

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Matrix: (soil/water) SOIL Lab Sample ID: A001123

Sample wt/vol: 0.7 (g/mL) G Lab File ID: M5020314

Level: (low/med) LOW Date Received: 02/03/11

% Moisture: not dec. 25 Date Analyzed: 02/03/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1634-04-4	Methyl-tert-butyl-ether	17.8	U
142-28-9	1,3-dichloropropane	17.8	U
74-97-5	bromochloromethane	17.8	U
74-87-3	chloromethane	17.8	U
74-83-9	bromomethane	17.8	U
75-01-4	vinyl chloride	17.8	U
75-00-3	chloroethane	17.8	U
75-09-2	methylene chloride	88.8	U
67-64-1	acetone	88.8	U
75-15-0	carbon disulfide	17.8	U
75-35-4	1,1-dichloroethene	17.8	U
75-34-3	1,1-dichloroethane	17.8	U
67-66-3	chloroform	17.8	U
107-06-2	1,2-dichloroethane	17.8	U
78-93-3	2-butanone	17.8	U
71-55-6	1,1,1-trichloroethane	17.8	U
56-23-5	carbon tetrachloride	17.8	U
75-27-4	bromodichloromethane	17.8	U
78-87-5	1,2-dichloropropane	17.8	U
10061-01-5	cis-1,3-dichloropropene	17.8	U
79-01-6	trichloroethene	17.8	U
124-48-1	dibromochloromethane	17.8	U
79-00-5	1,1,2-trichloroethane	17.8	U
71-43-2	benzene	17.8	U
10061-02-6	trans-1,3-dichloropropene	17.8	U
75-25-2	bromoform	17.8	U
108-10-1	4-methyl-2-pentanone	17.8	U
591-78-6	2-hexanone	17.8	U
127-18-4	tetrachloroethene	17.8	U
79-34-5	1,1,2,2-tetrachloroethane	17.8	U
108-88-3	toluene	17.8	U
108-90-7	chlorobenzene	17.8	U
100-41-4	ethylbenzene	17.8	U

FORM I VOA

FORM 1 CLOUGH HARBOUR & ASS03-FEB-2011 15:44
VOLATILE ORGANICS ANALYSIS DATA SHEET

S013WJH02311

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO01123

Sample wt/vol: 0.7 (g/mL) G Lab File ID: M5020314

Level: (low/med) LOW Date Received: 02/03/11

% Moisture: not dec. 25 Date Analyzed: 02/03/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-42-5	styrene	17.8	U
75-71-8	Dichlorodifluoromethane	17.8	U
75-69-4	Trichlorofluoromethane	17.8	U
108-05-4	Vinyl Acetate	17.8	U
110-75-8	2-Chloroethyl vinyl ether	17.8	U
541-73-1	1,3-Dichlorobenzene	17.8	U
106-46-7	1,4-Dichlorobenzene	17.8	U
95-50-1	1,2-Dichlorobenzene	17.8	U
594-20-7	2,2-Dichloropropane	17.8	U
563-58-6	1,1-Dichloropropene	17.8	U
74-95-3	Dibromomethane	17.8	U
106-93-4	1,2-Dibromoethane	17.8	U
630-20-6	1,1,1,2-Tetrachloroethane	17.8	U
98-82-8	Isopropyl benzene	17.8	U
108-86-1	Bromobenzene	17.8	U
96-18-4	1,2,3-Trichloropropane	17.8	U
106-65-1	n-Propylbenzene	17.8	U
95-49-8	2-Chlorotoluene	17.8	U
108-67-8	1,3,5-Trimethylbenzene	17.8	U
106-43-4	4-Chlorotoluene	17.8	U
98-06-6	tert-Butylbenzene	17.8	U
95-63-6	1,2,4-Trimethylbenzene	17.8	U
135-98-8	sec-Butylbenzene	17.8	U
99-87-6	Isopropyltoluene	17.8	U
104-51-8	n-Butylbenzene	17.8	U
96-12-8	1,2-dibromo-3-chloropropane	17.8	U
120-82-1	1,2,4-Trichlorobenzene	17.8	U
87-68-3	Hexachlorobutadiene	17.8	U
91-20-3	Naphthalene	17.8	U
87-61-6	1,2,3-Trichlorobenzene	17.8	U
95-47-6	o-xylene	17.8	U
1330-20-7	m,p-xylenes	17.8	U
156-59-2	cis-1,2-Dichloroethene	17.8	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS03-FEB-2011 15:44

S013WJH02311

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO01123

Sample wt/vol: 0.7 (g/mL) G Lab File ID: M5020314

Level: (low/med) LOW Date Received: 02/03/11

% Moisture: not dec. 25 Date Analyzed: 02/03/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

156-60-5-----trans-1,2-dichloroethene	17.8	U
---------------------------------------	------	---

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS03-FEB-2011 15:44

S014BJH02311

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO01124

Sample wt/vol: 0.7 (g/mL) G Lab File ID: M5020315

Level: (low/med) LOW Date Received: 02/03/11

% Moisture: not dec. 31 Date Analyzed: 02/03/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1634-04-4	Methyl-tert-butyl-ether	20.2	U
142-28-9	1,3-dichloropropane	20.2	U J
74-97-5	bromochloromethane	20.2	U
74-87-3	chloromethane	20.2	U
74-83-9	bromomethane	20.2	U
75-01-4	vinyl chloride	20.2	U
75-00-3	chloroethane	20.2	U
75-09-2	methylene chloride	101	U
67-64-1	acetone	101	U
75-15-0	carbon disulfide	20.2	U
75-35-4	1,1-dichloroethene	20.2	U
75-34-3	1,1-dichloroethane	20.2	U
67-66-3	chloroform	20.2	U
107-06-2	1,2-dichloroethane	20.2	U
78-93-3	2-butanone	20.2	U
71-55-6	1,1,1-trichloroethane	20.2	U
56-23-5	carbon tetrachloride	20.2	U
75-27-4	bromodichloromethane	20.2	U
78-87-5	1,2-dichloropropane	20.2	U
10061-01-5	cis-1,3-dichloropropene	20.2	U
79-01-6	trichloroethene	20.2	U
124-48-1	dibromochloromethane	20.2	U
79-00-5	1,1,2-trichloroethane	20.2	U
71-43-2	benzene	20.2	U
10061-02-6	trans-1,3-dichloropropene	20.2	U
75-25-2	bromoform	20.2	U
108-10-1	4-methyl-2-pentanone	20.2	U
591-78-6	2-hexanone	20.2	U
127-18-4	tetrachloroethene	20.2	U
79-34-5	1,1,2,2-tetrachloroethane	20.2	U
108-88-3	toluene	20.2	U
108-90-7	chlorobenzene	20.2	U
100-41-4	ethylbenzene	20.2	U

FORM I VOA

FORM 1 CLOUGH HARBOUR & ASS03-FEB-2011 15:44
VOLATILE ORGANICS ANALYSIS DATA SHEET

S014BJH02311

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO01124

Sample wt/vol: 0.7 (g/mL) G Lab File ID: M5020315

Level: (low/med) LOW Date Received: 02/03/11

% Moisture: not dec. 31 Date Analyzed: 02/03/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-42-5	styrene	20.2	U J
75-71-8	Dichlorodifluoromethane	20.2	U
75-69-4	Trichlorofluoromethane	20.2	U
108-05-4	Vinyl Acetate	20.2	U
110-75-8	2-Chloroethyl vinyl ether	20.2	U
541-73-1	1,3-Dichlorobenzene	20.2	U
106-46-7	1,4-Dichlorobenzene	20.2	U
95-50-1	1,2-Dichlorobenzene	20.2	U
594-20-7	2,2-Dichloropropane	20.2	U
563-58-6	1,1-Dichloropropene	20.2	U
74-95-3	Dibromomethane	20.2	U
106-93-4	1,2-Dibromoethane	20.2	U
630-20-6	1,1,1,2-Tetrachloroethane	20.2	U
98-82-8	Isopropyl benzene	20.2	U
108-86-1	Bromobenzene	20.2	U
96-18-4	1,2,3-Trichloropropane	20.2	U
106-65-1	n-Propylbenzene	20.2	U
95-49-8	2-Chlorotoluene	20.2	U
108-67-8	1,3,5-Trimethylbenzene	20.2	U
106-43-4	4-Chlorotoluene	20.2	U
98-06-6	tert-Butylbenzene	20.2	U
95-63-6	1,2,4-Trimethylbenzene	20.2	U
135-98-8	sec-Butylbenzene	20.2	U
99-87-6	Isopropyltoluene	20.2	U
104-51-8	n-Butylbenzene	20.2	U
96-12-8	1,2-dibromo-3-chloropropane	20.2	U
120-82-1	1,2,4-Trichlorobenzene	20.2	U
87-68-3	Hexachlorobutadiene	20.2	U
91-20-3	Naphthalene	20.2	U
87-61-6	1,2,3-Trichlorobenzene	20.2	U
95-47-6	o-xylene	20.2	U
1330-20-7	m,p-xylenes	20.2	U
156-59-2	cis-1,2-Dichloroethene	20.2	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS03-FEB-2011 15:44

S014BJH02311

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Matrix: (soil/water) SOIL Lab Sample ID: A001124

Sample wt/vol: 0.7 (g/mL) G Lab File ID: M5020315

Level: (low/med) LOW Date Received: 02/03/11

% Moisture: not dec. 31 Date Analyzed: 02/03/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

156-60-5-----trans-1,2-dichloroethene	20.2	U
---------------------------------------	------	---

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS03-FEB-2011 15:44

S015WJH02311

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO01125

Sample wt/vol: 1.0 (g/mL) G Lab File ID: M5020316

Level: (low/med) LOW Date Received: 02/03/11

% Moisture: not dec. 26 Date Analyzed: 02/03/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
1634-04-4	Methyl-tert-butyl-ether	13.2	U	J
142-28-9	1,3-dichloropropane	13.2	U	
74-97-5	bromochloromethane	13.2	U	
74-87-3	chloromethane	13.2	U	
74-83-9	bromomethane	13.2	U	
75-01-4	vinyl chloride	13.2	U	
75-00-3	chloroethane	13.2	U	
75-09-2	methylene chloride	66.0	U	
67-64-1	acetone	66.0	U	
75-15-0	carbon disulfide	13.2	U	
75-35-4	1,1-dichloroethene	13.2	U	
75-34-3	1,1-dichloroethane	13.2	U	
67-66-3	chloroform	13.2	U	
107-06-2	1,2-dichloroethane	13.2	U	
78-93-3	2-butanone	13.2	U	
71-55-6	1,1,1-trichloroethane	13.2	U	
56-23-5	carbon tetrachloride	13.2	U	
75-27-4	bromodichloromethane	13.2	U	
78-87-5	1,2-dichloropropane	13.2	U	
10061-01-5	cis-1,3-dichloropropene	13.2	U	
79-01-6	trichloroethene	13.2	U	
124-48-1	dibromochloromethane	13.2	U	on bromochloromethane
79-00-5	1,1,2-trichloroethane	13.2	U	
71-43-2	benzene	13.2	U	
10061-02-6	trans-1,3-dichloropropene	13.2	U	
75-25-2	bromoform	13.2	U	
108-10-1	4-methyl-2-pentanone	13.2	U	
591-78-6	2-hexanone	13.2	U	
127-18-4	tetrachloroethene	13.2	U	
79-34-5	1,1,2,2-tetrachloroethane	13.2	U	
108-88-3	toluene	13.2	U	
108-90-7	chlorobenzene	13.2	U	
100-41-4	ethylbenzene	13.2	U	

FORM I VOA

FORM 1 CLOUGH HARBOUR & ASS03-FEB-2011 15:44
VOLATILE ORGANICS ANALYSIS DATA SHEET

S015WJH02311

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO01125

Sample wt/vol: 1.0 (g/mL) G Lab File ID: M5020316

Level: (low/med) LOW Date Received: 02/03/11

% Moisture: not dec. 26 Date Analyzed: 02/03/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-42-5	styrene	13.2	U
75-71-8	Dichlorodifluoromethane	13.2	U
75-69-4	Trichlorofluoromethane	13.2	U
108-05-4	Vinyl Acetate	13.2	U
110-75-8	2-Chloroethyl vinyl ether	13.2	U
541-73-1	1,3-Dichlorobenzene	13.2	U
106-46-7	1,4-Dichlorobenzene	13.2	U
95-50-1	1,2-Dichlorobenzene	13.2	U
594-20-7	2,2-Dichloropropane	13.2	U
563-58-6	1,1-Dichloropropene	13.2	U
74-95-3	Dibromomethane	13.2	U
106-93-4	1,2-Dibromoethane	13.2	U
630-20-6	1,1,1,2-Tetrachloroethane	13.2	U
98-82-8	Isopropyl benzene	13.2	U
108-86-1	Bromobenzene	13.2	U
96-18-4	1,2,3-Trichloropropane	13.2	U
106-65-1	n-Propylbenzene	13.2	U
95-49-8	2-Chlorotoluene	13.2	U
108-67-8	1,3,5-Trimethylbenzene	13.2	U
106-43-4	4-Chlorotoluene	13.2	U
98-06-6	tert-Butylbenzene	13.2	U
95-63-6	1,2,4-Trimethylbenzene	13.2	U
135-98-8	sec-Butylbenzene	13.2	U
99-87-6	Isopropyltoluene	13.2	U
104-51-8	n-Butylbenzene	13.2	U
96-12-8	1,2-dibromo-3-chloropropane	13.2	U
120-82-1	1,2,4-Trichlorobenzene	13.2	U
87-68-3	Hexachlorobutadiene	13.2	U
91-20-3	Naphthalene	13.2	U
87-61-6	1,2,3-Trichlorobenzene	13.2	U
95-47-6	o-xylene	13.2	U
1330-20-7	m,p-xylenes	13.2	U
156-59-2	cis-1,2-Dichloroethene	13.2	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS03-FEB-2011 15:44

S015WJH02311

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Matrix: (soil/water) SOIL Lab Sample ID: A001125

Sample wt/vol: 1.0 (g/mL) G Lab File ID: M5020316

Level: (low/med) LOW Date Received: 02/03/11

% Moisture: not dec. 26 Date Analyzed: 02/03/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(ml) Soil Aliquot Volume: _____(uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

156-60-5-----trans-1,2-dichloroethene_____	13.2	U
--	------	---

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS03-FEB-2011 15:44

S016WJH02311

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Matrix: (soil/water) SOIL

Lab Sample ID: AO01126

Sample wt/vol: 0.5 (g/mL) G

Lab File ID: M5020405

Level: (low/med) LOW

Date Received: 02/03/11

% Moisture: not dec. 27

Date Analyzed: 02/04/11

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (ml)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

1634-04-4	Methyl-tert-butyl-ether	25.2	U
142-28-9	1,3-dichloropropane	25.2	U J
74-97-5	bromochloromethane	25.2	U
74-87-3	chloromethane	25.2	U
74-83-9	bromomethane	25.2	U
75-01-4	vinyl chloride	25.2	U
75-00-3	chloroethane	25.2	U
75-09-2	methylene chloride	126	U
67-64-1	acetone	126	U
75-15-0	carbon disulfide	25.2	U
75-35-4	1,1-dichloroethene	25.2	U
75-34-3	1,1-dichloroethane	25.2	U
67-66-3	chloroform	25.2	U
107-06-2	1,2-dichloroethane	25.2	U
78-93-3	2-butanone	25.2	U
71-55-6	1,1,1-trichloroethane	25.2	U
56-23-5	carbon tetrachloride	25.2	U
75-27-4	bromodichloromethane	25.2	U
78-87-5	1,2-dichloropropane	25.2	U
10061-01-5	cis-1,3-dichloropropene	25.2	U
79-01-6	trichloroethene	25.2	U
124-48-1	dibromochloromethane	25.2	U
79-00-5	1,1,2-trichloroethane	25.2	U
71-43-2	benzene	25.2	U
10061-02-6	trans-1,3-dichloropropene	25.2	U
75-25-2	bromoform	25.2	U
108-10-1	4-methyl-2-pentanone	25.2	U
591-78-6	2-hexanone	25.2	U
127-18-4	tetrachloroethene	25.2	U
79-34-5	1,1,2,2-tetrachloroethane	25.2	U
108-88-3	toluene	25.2	U
108-90-7	chlorobenzene	25.2	U
100-41-4	ethylbenzene	25.2	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS03-FEB-2011 15:44

S016WJH02311

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Matrix: (soil/water) SOIL Lab Sample ID: A001126

Sample wt/vol: 0.5 (g/mL) G Lab File ID: M5020405

Level: (low/med) LOW Date Received: 02/03/11

% Moisture: not dec. 27 Date Analyzed: 02/04/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

100-42-5	styrene	25.2	U
75-71-8	Dichlorodifluoromethane	25.2	U
75-69-4	Trichlorofluoromethane	25.2	U
108-05-4	Vinyl Acetate	25.2	U
110-75-8	2-Chloroethyl vinyl ether	25.2	U
541-73-1	1,3-Dichlorobenzene	25.2	U
106-46-7	1,4-Dichlorobenzene	25.2	U
95-50-1	1,2-Dichlorobenzene	25.2	U
594-20-7	2,2-Dichloropropane	25.2	U
563-58-6	1,1-Dichloropropene	25.2	U
74-95-3	Dibromomethane	25.2	U
106-93-4	1,2-Dibromoethane	25.2	U
630-20-6	1,1,1,2-Tetrachloroethane	25.2	U
98-82-8	Isopropyl benzene	25.2	U
108-86-1	Bromobenzene	25.2	U
96-18-4	1,2,3-Trichloropropane	25.2	U
106-65-1	n-Propylbenzene	25.2	U
95-49-8	2-Chlorotoluene	25.2	U
108-67-8	1,3,5-Trimethylbenzene	25.2	U
106-43-4	4-Chlorotoluene	25.2	U
98-06-6	tert-Butylbenzene	25.2	U
95-63-6	1,2,4-Trimethylbenzene	25.2	U
135-98-8	sec-Butylbenzene	25.2	U
99-87-6	Isopropyltoluene	25.2	U
104-51-8	n-Butylbenzene	25.2	U
96-12-8	1,2-dibromo-3-chloropropane	25.2	U
120-82-1	1,2,4-Trichlorobenzene	25.2	U
87-68-3	Hexachlorobutadiene	25.2	U
91-20-3	Naphthalene	25.2	U
87-61-6	1,2,3-Trichlorobenzene	25.2	U
95-47-6	o-xylene	25.2	U
1330-20-7mp	m,p-xylenes	25.2	U
156-59-2	cis-1,2-Dichloroethene	25.2	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS03-FEB-2011 15:44

S016WJH02311

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO01126

Sample wt/vol: 0.5 (g/mL) G Lab File ID: M5020405

Level: (low/med) LOW Date Received: 02/03/11

% Moisture: not dec. 27 Date Analyzed: 02/04/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
156-60-5-----	trans-1,2-dichloroethene	25.2	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS03-FEB-2011 15:44

S017WJH02311

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078

Case No.:

SAS No.:

SDG No.: 11020027CHA

Matrix: (soil/water) SOIL

Lab Sample ID: A001127

Sample wt/vol: 0.6 (g/mL) G

Lab File ID: M5020406

Level: (low/med) LOW

Date Received: 02/03/11

% Moisture: not dec. 27

Date Analyzed: 02/04/11

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (ml)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

1634-04-4-----	Methyl-tert-butyl-ether	24.6	U
142-28-9-----	1,3-dichloropropane	24.6	U J
74-97-5-----	bromochloromethane	24.6	U U
74-87-3-----	chloromethane	24.6	U U
74-83-9-----	bromomethane	24.6	U U
75-01-4-----	vinyl chloride	24.6	U U
75-00-3-----	chloroethane	24.6	U U
75-09-2-----	methylene chloride	123	U U
67-64-1-----	acetone	123	U U
75-15-0-----	carbon disulfide	24.6	U U
75-35-4-----	1,1-dichloroethene	24.6	U U
75-34-3-----	1,1-dichloroethane	24.6	U U
67-66-3-----	chloroform	24.6	U U
107-06-2-----	1,2-dichloroethane	24.6	U U
78-93-3-----	2-butanone	24.6	U U
71-55-6-----	1,1,1-trichloroethane	24.6	U U
56-23-5-----	carbon tetrachloride	24.6	U U
75-27-4-----	bromodichloromethane	24.6	U U
78-87-5-----	1,2-dichloropropane	24.6	U U
10061-01-5-----	cis-1,3-dichloropropene	24.6	U U
79-01-6-----	trichloroethene	24.6	U U
124-48-1-----	dibromochloromethane	24.6	U U
79-00-5-----	1,1,2-trichloroethane	24.6	U U
71-43-2-----	benzene	24.6	U U
10061-02-6-----	trans-1,3-dichloropropene	24.6	U U
75-25-2-----	bromoform	24.6	U U
108-10-1-----	4-methyl-2-pentanone	24.6	U U
591-78-6-----	2-hexanone	24.6	U U
127-18-4-----	tetrachloroethene	24.6	U U
79-34-5-----	1,1,2,2-tetrachloroethane	24.6	U U
108-88-3-----	toluene	24.6	U U
108-90-7-----	chlorobenzene	24.6	U U
100-41-4-----	ethylbenzene	24.6	U U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS03-FEB-2011 15:44

S017WJH02311

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Matrix: (soil/water) SOIL Lab Sample ID: AO01127

Sample wt/vol: 0.6 (g/mL) G Lab File ID: M5020406

Level: (low/med) LOW Date Received: 02/03/11

% Moisture: not dec. 27 Date Analyzed: 02/04/11

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (ml) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
			Q
100-42-5	styrene	24.6	U J
75-71-8	Dichlorodifluoromethane	24.6	U
75-69-4	Trichlorofluoromethane	24.6	U
108-05-4	Vinyl Acetate	24.6	U
110-75-8	2-Chloroethyl vinyl ether	24.6	U
541-73-1	1,3-Dichlorobenzene	24.6	U
106-46-7	1,4-Dichlorobenzene	24.6	U
95-50-1	1,2-Dichlorobenzene	24.6	U
594-20-7	2,2-Dichloropropane	24.6	U
563-58-6	1,1-Dichloropropene	24.6	U
74-95-3	Dibromomethane	24.6	U
106-93-4	1,2-Dibromoethane	24.6	U
630-20-6	1,1,1,2-Tetrachloroethane	24.6	U
98-82-8	Isopropyl benzene	24.6	U
108-86-1	Bromobenzene	24.6	U
96-18-4	1,2,3-Trichloropropane	24.6	U
106-65-1	n-Propylbenzene	24.6	U
95-49-8	2-Chlorotoluene	24.6	U
108-67-8	1,3,5-Trimethylbenzene	24.6	U
106-43-4	4-Chlorotoluene	24.6	U
98-06-6	tert-Butylbenzene	24.6	U
95-63-6	1,2,4-Trimethylbenzene	24.6	U
135-98-8	sec-Butylbenzene	24.6	U
99-87-6	Isopropyltoluene	24.6	U
104-51-8	n-Butylbenzene	24.6	U
96-12-8	1,2-dibromo-3-chloropropane	24.6	U
120-82-1	1,2,4-Trichlorobenzene	24.6	U
87-68-3	Hexachlorobutadiene	24.6	U
91-20-3	Naphthalene	24.6	U
87-61-6	1,2,3-Trichlorobenzene	24.6	U
95-47-6	o-xylene	24.6	U
1330-20-7mp	m,p-xylenes	24.6	U
156-59-2	cis-1,2-Dichloroethene	24.6	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLOUGH HARBOUR & ASS03-FEB-2011 15:44

S017WJH02311

Lab Name: PACE ANALYTICAL - NY LAB Contract:

Lab Code: 11078 Case No.: SAS No.: SDG No.: 11020027CHA

Matrix: (soil/water) SOIL

Lab Sample ID: A001127

Sample wt/vol: 0.6 (g/mL) G

Lab File ID: M5020406

Level: (low/med) LOW

Date Received: 02/03/11

% Moisture: not dec. 27

Date Analyzed: 02/04/11

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (ml)

Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

156-60-5-----trans-1,2-dichloroethene	24.6	U
---------------------------------------	------	---

FORM I VOA