1120 Westchester Avenue

Bronx, New York

PHASE II SUBSURFACE INVESTIGATION REPORT FEBRUARY 2015

Prepared for:

West Levy, LLC
2140 East 7th Street
Brooklyn, New York 11223

Prepared by:

Associated Environmental Services, Ltd.
25 Central Avenue
Hauppauge, New York 11788

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1.0 INTRODUCTION

Associated Environmental Services, Ltd. (AES) has prepared this Phase II Subsurface Investigation Report on behalf of West Levy LLC for the commercial property located at 1120 Westchester Avenue, Bronx, New York. The subject site is depicted on **Figure 1 – Site Location Map**. The Phase II Subsurface Investigation activities were performed in accordance with the guidance provided in the New York State Department of Environmental Conservation (NYSDEC) Technical Guidance for Site Investigation and Remediation (DER-10).

1.1 Site History

A Phase I Environmental Site Assessment (ESA) dated October 4, 2012 was prepared for the subject site by Singer Environmental Group (SEG). The findings of the Phase I ESA revealed that the subject building was built circa 1922. According to Sanborn History Maps, the subject property is depicted as vacant from the 1890's to the 1910's, store, dwelling, manufacturing from the 1950's to 1994 and manufacturing, commercial, residential from 1995 through the 2000's. According to knowledgeable sources, a dry cleaner has occupied the premises for a long time.

Based upon the historical use AES was retained to collect sub-slab soil vapor samples as well as indoor and outdoor ambient air samples. AES conducted a Vapor Encroachment Condition (VEC) investigation in September 2014. The analytical data obtained from the investigation revealed elevated concentrations of VOCs in the sub-slab samples specifically trichloroethene (TCE) and tetrachloroethene (PERC) both of which are utilized as dry cleaning chemicals. Based upon the data it was determined that a subsurface investigation should be conducted in order to assess the soil quality at the site.

1.2 Subject Site and Surrounding Properties

The site is located at 1120 Westchester Avenue, Bronx, New York. According to the New York City Department of Buildings the site is listed as block 2750 and lot 11. Information records indicated that the subject building was built in approximately 1922. The subject property measures 900 square feet. The building occupies approximately the entire lot. The site is bordered by residential and/or retail properties on all sides. The site and surrounding properties are depicted on **Figure 1 – Aerial Photograph**.

1.3 Geology / Hydrogeology

The subsurface lithology encountered during the investigation consisted of brown fine silty-sand with some gravel. The site topography is generally flat and is situated approximately fifty (50) feet above mean sea level. Refusal due to competent bedrock was encountered at approximately three (3) feet below grade in the basement and twenty-two (22) feet below grade in the sidewalk area. Based upon a review of a groundwater contour map for the area it is anticipated the regional groundwater flow is from west to east. The subject site is depicted on **Figure 2 – U.S.G.S. Topographic Map**.

2.0 NOTIFICATIONS

An underground facility protective organization (UFPO) mark-out was called prior to the start of work to mark out any existing underground utilities. All precautions were taken to ensure that no underground utilities were disturbed.

3.0 HEALTH AND SAFETY PLANNING

AES prepared a site-specific Health and Safety Plan (HASP) in accordance with the requirements of the Occupational Health and Safety Administration (OSHA Standard 29 CFR 1910.120). All personnel utilized by AES have the necessary training and are monitored in accordance with these requirements. The HASP was prepared by AES following a review of the site characteristics, location, and local emergency providers.

4.0 SUBSURFACE INVESTIGATION ACTIVITIES

The subsurface investigation activities were conducted on December 16, 2014 and February 12, 2015. Photographs were taken to document the activities and are included in **Appendix A**. The following sections summarize the field activities.

4.1 Soil Characterization

On December 16, 2014 hand coring equipment was utilized to install a total of four (4) borings, designated as SB-1 through SB-4. The borings were completed in the basement to a depth of three (3) feet at which point refusal was encountered due to bedrock. The boring locations are depicted on **Figure 3 – Site Plan**. Representative soil samples were collected in continuous intervals. Upon retrieval the soil samples were inspected for visual and olfactory evidence of contamination such as staining, sheen, odors, discoloration, etc. The samples were next field screened with a photo-ionization detector (PID). The PID provides a quantitative measurement of volatile organic vapors, the results are reported in parts per million (ppm). A representative portion of the sample was placed in a re-sealable plastic bag and agitated for approximately thirty seconds in order to aid the volatilization of any organic vapors that may be present. The PID readings were non-detectable in the soil samples collected from borings SB-2 and SB-4. The sample from SB-1 exhibited a PID reading of 82.3 parts per million (ppm) and the sample from SB-3 exhibited a PID reading of 68.8 ppm. The soil samples were categorized according to the Unified Soil Classification System. The field data for each boring are summarized in a geological boring log presented in **Appendix B**.

In order to characterize the nature of the soil it was determined that four (4) soil samples designated as SB-1 (0'-3'), SB-2 (0'-2.5'), SB-3 (0'-3') and SB-4 (0'-3') would be submitted for laboratory analysis. The samples were placed in laboratory supplied glassware, packed on ice, and submitted to Phoenix Environmental Laboratories, Inc. The New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program (ELAP) number for Phoenix is 11301. The samples were submitted for analysis of volatile organic compounds (VOCs) by EPA Method 8260.

The analytical results for the soil samples were compared to the Unrestricted Use Soil Cleanup Objectives (UUSCOs) listed in the NYSDEC Commissioners Policy CP-51 and NYCRR Part 375-6.8(a). The analytical data for the samples from SB-2 and SB-4 indicated that there were no VOCs detected above the respective laboratory analytical method detection limit (mdl) or the respective Cleanup Objectives. The analytical data for the soil samples collected from SB-1 and SB-3 indicated that there were elevated concentrations of tetrachloroethene (PERC). In addition the sample from SB-3 exhibited xylenes above the respective regulatory Cleanup Objective. The analytical data for the soil samples is summarized in **Table 1.** The laboratory analytical data report is attached in **Appendix B**. Based upon the findings it was determined that a supplemental soil sampling should be conducted in the area of SB-1 and SB-3 to attempt to delineate the extent of contamination.

4.2 Supplemental Soil Characterization

On February 12, 2015 hand coring equipment was utilized to install a total of six (6) soil borings in the basement designated as SB-1A, SB-1B, SB-1C, SB-3A, SB-3B and SB-3C. The borings were completed in the basement of the subject building to a depth of three (3) feet at which point refusal was encountered due to bedrock. In addition one (1) boring designated as SB-5 was installed in the sidewalk along the front of the building using a Geoprobe drill rig and air rotary method of drilling. Competent bedrock was encountered at twenty-two (22) feet below grade in boring SB-5. Boring SB-5 was able to be completed in bedrock to a depth of thirty-two (32) feet below grade. Groundwater was not encountered during the installation of boring SB-5. The boring locations are depicted on **Figure 3 – Site Plan**. Representative soil samples were collected in continuous intervals. Upon retrieval the soil samples were inspected for visual and olfactory evidence of contamination such as staining, sheen, odors, discoloration, etc. The samples were next field screened with a photo-ionization detector (PID). The soil samples were categorized according to the Unified Soil Classification System. The field data and observations for each boring are summarized in a geological boring log presented in **Appendix B**.

In order to characterize the nature of the soil it was determined that seven (7) soil samples designated as SB-1A (0'-3'), SB-1B (0'-3'), SB-1C (0'-3'), SB-3A (0'-3'), SB-3B (0'-3'), SB-3C (0'-3') and SB-5 (20'-22') would be submitted for laboratory analysis. The samples were placed in laboratory supplied glassware, packed on ice, and submitted to Phoenix Environmental Laboratories, Inc. The samples were submitted for analysis of VOCs by EPA Method 8260.

The analytical results for the soil samples were compared to the Unrestricted Use Soil Cleanup Objectives (UUSCOs) listed in the NYSDEC Commissioners Policy CP-51 and NYCRR Part 375-6.8(a). The analytical data for the soil samples collected from SB-1A, SB-1B and SB-1C indicated that elevated concentrations of tetrachloroethene (PERC) were present. The analytical data for samples SB-3A and SB-3B indicated that there were no VOCs detected above the regulatory Cleanup Objectives. The sample from SB-3C exhibited xylenes at a slightly elevated concentration above the respective

regulatory cleanup objective. The analytical data for the soil sample collected from SB-5 indicated that there were no VOCs detected above the analytical mdl or the regulatory Cleanup Objectives. The analytical data for the soil samples is summarized in **Table 1.** The laboratory analytical data report is attached in **Appendix B**.

5.0 CONCLUSIONS

A total of four (4) soil borings were installed at the site designated as SB-1 through SB-4. Soil samples were collected from below the basement slab to a depth of approximately three (3) feet at which point refusal was encountered due to bedrock.

Four (4) soil samples designated as SB-1 (0'-3'), SB-2 (0'-2.5'), SB-3 (0'-3') and SB-4 (0'-3') were submitted for analysis of VOCs. The analytical data for the soil samples collected from borings SB-2 and SB-4 indicated that there were no VOCs detected above the respective regulatory Cleanup Objectives. The data for the samples collected from SB-1 and SB-3 indicated that elevated levels of tetrachloroethene (PERC) were present. Based upon the data it was determined that additional sampling in the area of SB-1 and SB-3 should be conducted.

Six (6) soil borings were installed in the basement in the area of SB-1 and SB-3. The borings were designated as SB-1A, SB-1B, SB-1C, SB-3A, SB-3B and SB-3C. The borings were completed in the basement of the subject building to a depth of three (3) feet. Boring SB-5 was installed in the sidewalk using a Geoprobe drill rig. Competent bedrock was encountered at twenty-two (22) feet below grade in boring SB-5. Boring SB-5 was able to be completed in bedrock to a depth of thirty-two (32) feet below grade. Groundwater was not encountered during the installation of boring SB-5.

Seven (7) soil samples designated as SB-1A (0'-3'), SB-1B (0'-3'), SB-1C3 (0'-3'), SB-3A (0'-3'), SB-3B (0'-3'), SB-3C (0'-3') and SB-5 (20'-22') were submitted for laboratory analysis. The analytical data for the soil samples collected from SB-1A, SB-1B and SB-1C indicated that elevated concentrations of tetrachloroethene (PERC) were present. The analytical data for samples SB-3A and SB-3B and SB-5 indicated that there were no VOCs detected above the regulatory Cleanup Objectives. The sample from SB-3C exhibited xylenes at a slightly elevated concentration above the respective regulatory cleanup objective.

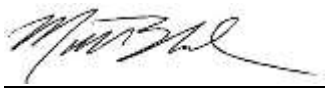
Based upon the analytical data it appears that the historical operations conducted at the subject site have impacted the subsurface soil quality. Boring SB-5 was completed to a depth of thirty-two (32) feet below grade at which point groundwater was not encountered. Based upon the presence of bedrock it is unlikely that groundwater has been affected.

6.0 RECOMMENDATIONS

Based upon the soil data it appears that the former dry cleaning operations have impacted the soil quality at the site. The New York state Department of Environmental Conservation (NYSDEC) should be notified and a spill case number assigned to the site. A copy of the Phase II Subsurface Investigation report should be forwarded to the NYSDEC for review. The NYSDEC will make all final determinations regarding further investigative and/or remedial activities.

If you require anything further please do not hesitate to contact me at 631-234-4280.

This report was prepared by:



Matthew G. Boeckel
Project Manager / Environmental Scientist III
Associated Environmental Services, Ltd.

7.0 DISCLAIMER

This report was prepared for the sole use of West Levy, LLC. The conclusions provided by AES in this report are based solely on the information provided in this document. Future investigative site information which was not available to AES at the time of this report preparation may result in a modification of conclusions stated within. The conclusions presented are based solely on the current regulatory climate and may require revision if future regulatory changes occur. All field activities have been performed in accordance with generally accepted hydrogeologic practices and under the guideline set forth by the NYSDEC. No other warranty, expressed or implied, is made.

FIGURES

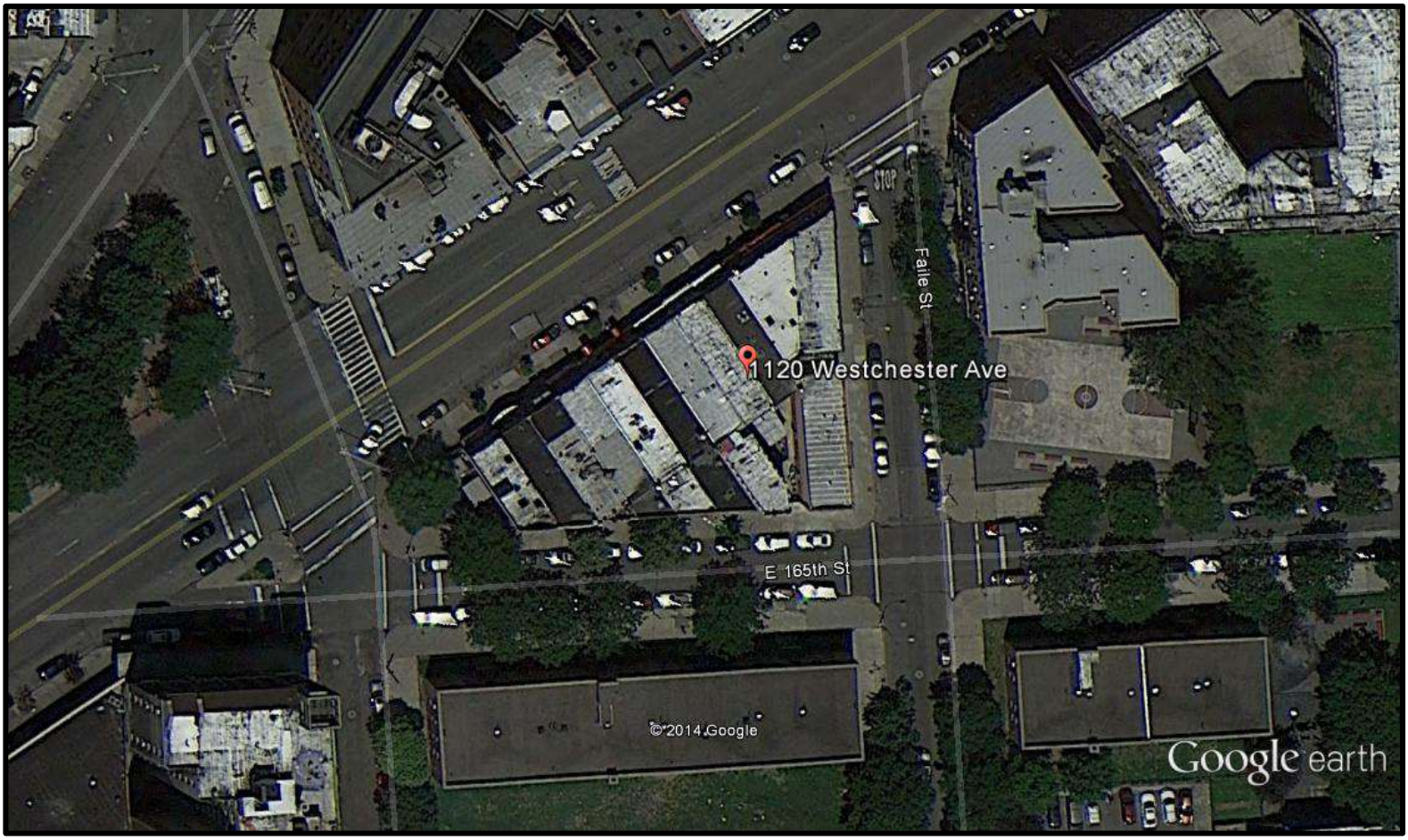


FIGURE 1 – SITE LOCATION MAP

MIXED-USE BUILDING
1120 WESTCHESTER AVENUE
BRONX. NEW YORK

Associated Environmental Services, Ltd.

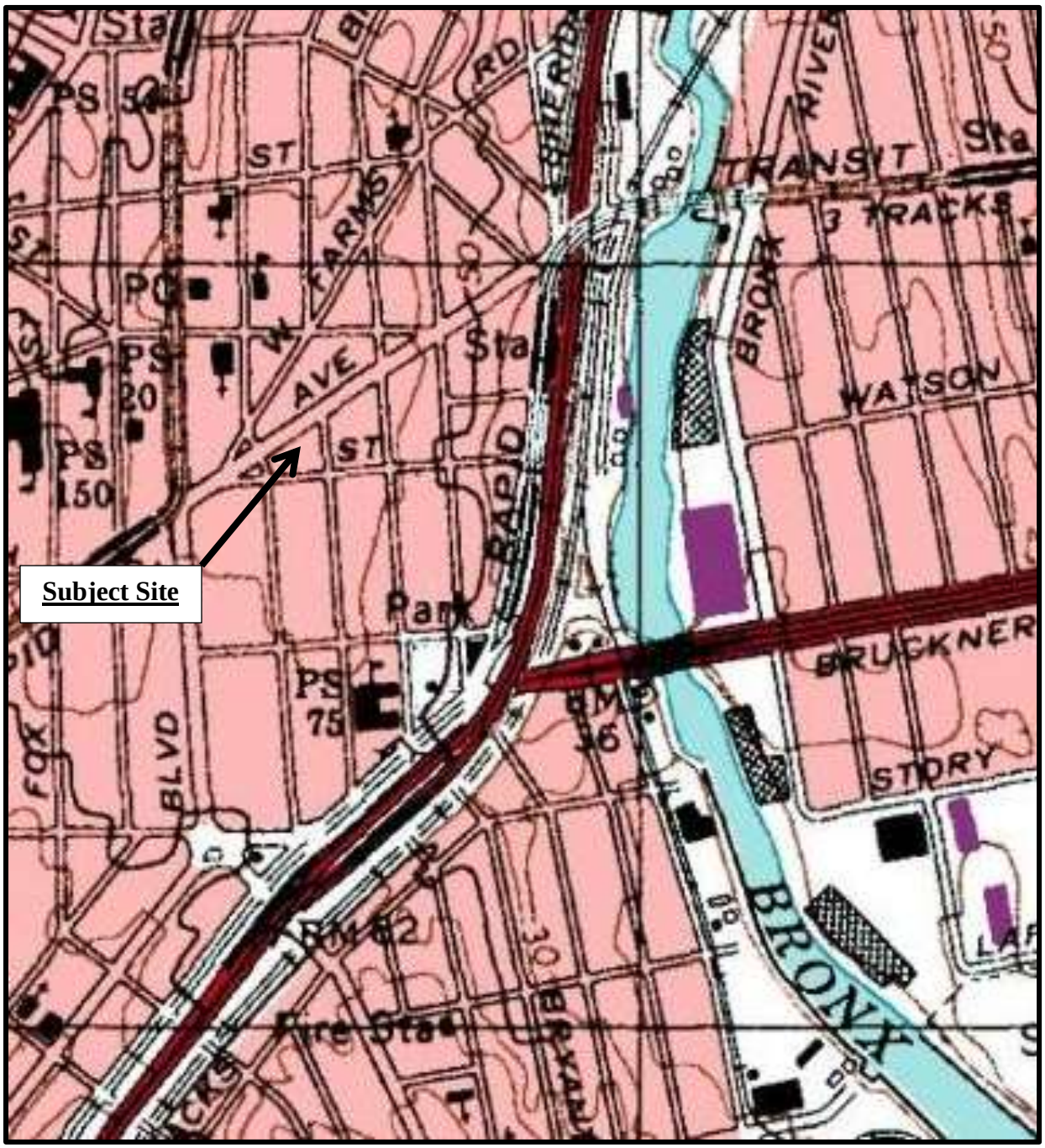


FIGURE 2 – U.S.G.S. TOPOGRAPHIC MAP

MIXED-USE BUILDING
1120 WESTCHESTER AVENUE
BRONX, NEW YORK

Associated Environmental Services, Ltd.

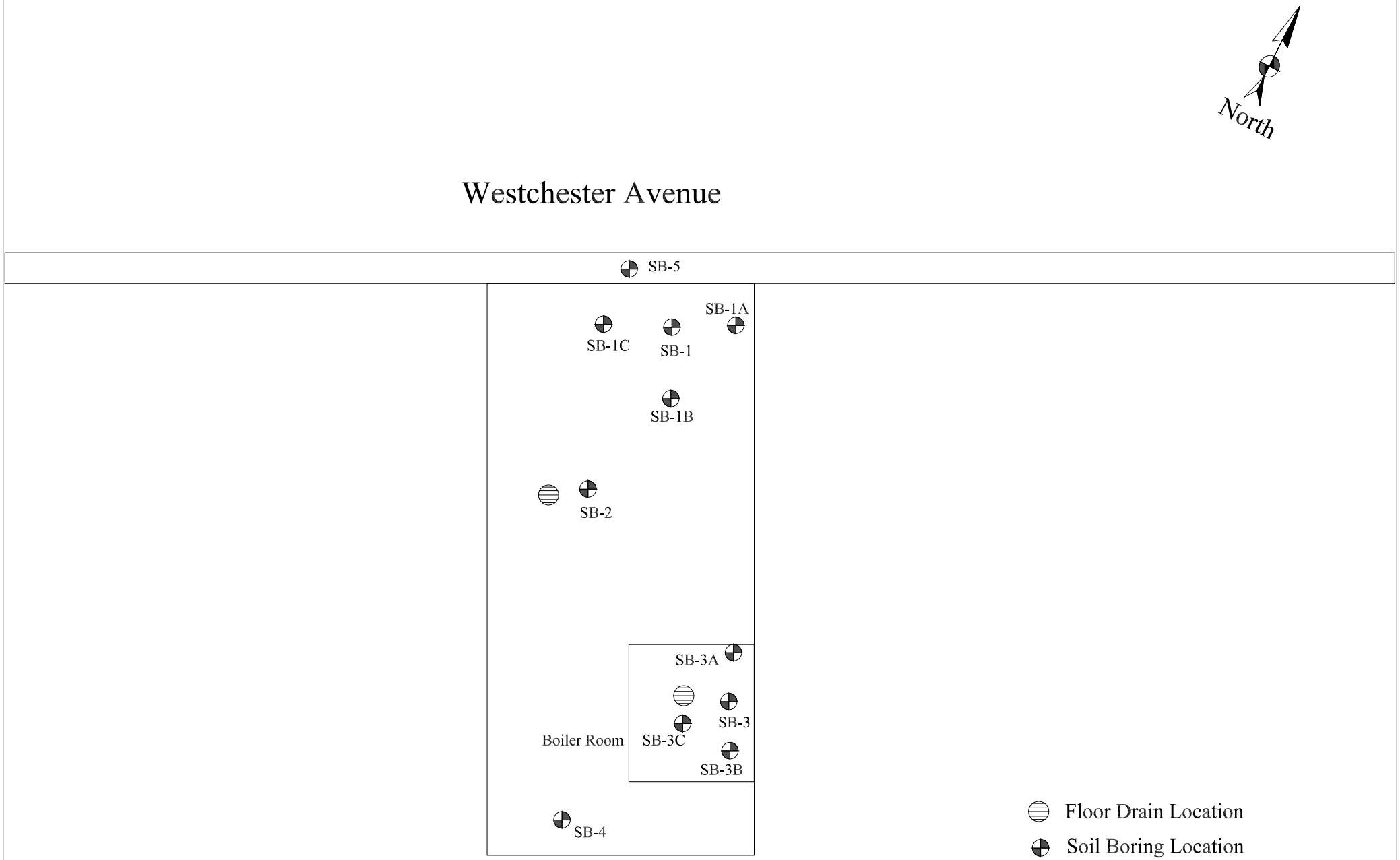


Figure 3 - Site Plan

Project: Commercial Property
1120 Westchester Avenue
Bronx, New York

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25 Central Avenue, Hauppauge, NY
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TABLES

Table 1

Soil Sample Analytical Results

Commercial Property, 1120 Westchester Avenue, Bronx, New York

Volatile Organic Compounds via EPA Method 8260

Soil Sample Locations												
Samples Collected on December 16, 2014 and February 12, 2015												
Sample Collection Depth	**0'-3'**	**0'-3'**	**0'-3'**	**0'-3'**	**0'-2.5'**	**0'-3'**	**0'-3'**	**0'3'**	**0'-3'**	**0'-3'**	**20'-22'**	**Recommended Soil Cleanup Objectives**
Contaminant	**SB-1**	**SB-1A**	**SB-1B**	**SB-1C**	**SB-2**	**SB-3**	**SB-3A**	**SB-3B**	**SB-3C**	**SB-4**	**SB-5**	**Unrestricted Use**
1,1,1,2-Tetrachloroethane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
1,1,1-Trichloroethane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	680
1,1,2,2-Tetrachloroethane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
1,1,2-Trichloroethane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
1,1-Dichloroethane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 250	< 5.5	< 250	< 5.6	< 5.6	270
1,1-Dichloroethene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	330
1,1-Dichloropropene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
1,2,3-Trichlorobenzene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
1,2,3-Trichloropropane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
1,2,4-Trichlorobenzene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
1,2,4-Trimethylbenzene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	**9,000**	190	< 5.5	1,300	< 5.6	< 5.6	3,600
1,2-Dibromo-3-chloropropane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
1,2-Dibromoethane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
1,2-Dichlorobenzene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	1,100
1,2-Dichloroethane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	20
1,2-Dichloropropane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
1,3,5-Trimethylbenzene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	3,300	150	< 5.5	1,500	< 5.6	< 5.6	8,400
1,3-Dichlorobenzene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	2,400
1,3-Dichloropropane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
1,4-Dichlorobenzene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	1,800
2,2-Dichloropropane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
2-Chlorotoluene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA

2-Hexanone	< 27	< 28	< 27	< 28	< 28	< 1400	< 1600	< 27	< 1400	< 28	< 28	NA
2-Isopropyltoluene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
4-Chlorotoluene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
4-Methyl-2-pentanone	< 27	< 28	< 27	< 28	< 28	< 1400	< 1600	< 27	< 1400	< 28	< 28	NA
Acetone	< 27	< 28	< 27	< 28	< 28	< 1400	< 1600	< 27	< 1400	< 28	< 28	50
Acrylonitrile	< 11	< 11	< 11	< 11	< 11	< 570	< 650	< 11	< 570	< 11	< 11	NA
Benzene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	60
Bromobenzene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
Bromochloromethane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
Bromodichloromethane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
Bromoform	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
Bromomethane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
Carbon Disulfide	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
Carbon tetrachloride	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	760
Chlorobenzene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	1,100
Chloroethane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
Chloroform	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	370
Chloromethane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
cis-1,2-Dichloroethene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 200	< 5.5	< 250	< 5.6	< 5.6	250
cis-1,3-Dichloropropene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
Dibromochloromethane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
Dibromomethane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
Dichlorodifluoromethane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
Ethylbenzene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	1,000
Hexachlorobutadiene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
Isopropylbenzene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
m&p-Xylene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	1,500	< 320	< 5.5	60	< 5.6	< 5.6	NA
Methyl Ethyl Ketone	< 27	< 28	< 27	< 28	< 28	< 1400	< 120	< 27	< 120	< 28	< 28	120
Methyl t-butyl ether (MTBE)	< 11	< 11	< 11	< 11	< 11	< 570	< 650	< 11	< 570	< 11	< 11	930
Methylene chloride	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	50
Naphthalene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	1,400	120	< 5.5	420	< 5.6	< 5.6	NA
n-Butylbenzene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	1,200	< 320	< 5.5	< 280	< 5.6	< 5.6	12,000
n-Propylbenzene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	700	< 320	< 5.5	< 280	< 5.6	< 5.6	3,900

o-Xylene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	1,200	< 320	< 5.5	250	< 5.6	< 5.6	NA
p-Isopropyltoluene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	650	< 320	< 5.5	420	< 5.6	< 5.6	NA
sec-Butylbenzene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	590	< 320	< 5.5	< 280	< 5.6	< 5.6	11,000
Styrene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
tert-Butylbenzene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	5,900
Tetrachloroethene	**2,800**	**88,000**	**100,000**	**44,000**	< 5.6	**1,500**	110	< 5.5	< 280	< 5.6	< 5.6	1,300
Tetrahydrofuran (THF)	< 11	< 11	< 11	< 11	< 11	< 570	< 650	< 11	< 570	< 11	< 11	NA
Toluene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	700
Total Xylenes	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	**2,700**	< 250	< 5.5	**310**	< 5.6	< 5.6	260
trans-1,2-Dichloroethene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 190	< 5.5	< 150	< 5.6	< 5.6	190
trans-1,3-Dichloropropene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
trans-1,4-dichloro-2-butene	< 11	< 11	< 11	< 11	< 11	< 570	< 650	< 11	< 570	< 11	< 11	NA
Trichloroethene	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	470
Trichlorofluoromethane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
Trichlorotrifluoroethane	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	NA
Vinyl chloride	< 5.5	< 5.6	< 5.5	< 5.6	< 5.6	< 280	< 320	< 5.5	< 280	< 5.6	< 5.6	20

Notes:

1.) All results reported as parts per billion (ppb).

2.) Analysis performed in accordance with USEPA Method 8260.

3.) <: Not Detected above method detection limit, J: Indicates an estimated value

4.) Objectives listed in NYSDEC CP-51 and NYCRR Part 375 Soil Cleanup Objectives

5.) NA: No Standard Available

6.) Bold indicates concentration above regulatory cleanup objectives.

APPENDIX A – PHOTOGRAPHS

1. View of the basement area in the subject building.

2. View depicting the location of boring SB-1.

3. View of the location of boring SB-2.

4. View depicting the location of boring SB-3.

5. View of the location of boring SB-4.

6. View of the hand boring equipment.

APPENDIX B – GEOLOGICAL BORING LOGS

Geologic Log

Boring SB-1

1120 Westchester Avenue
Bronx, New York

Client:		Depth to Water (ft. from grade)		Site Elevation Datum
West Levy, LLC				
Site Name:	Address:	Date	DTW	NM
Mixed-Use Building	1120 Westchester Avenue, Bronx, NY	12/16/2014	Unknown	
Drilling Company:	Method:			
Associated Environmental	Geoprobe hand core			Measuring Point Elevation
Date Started:	Date Completed:			
12/16/14	12/16/14			NM
Completion Depth:	Geologist:			
3'	Matt Boeckel			

GEOLOGY	DEPTH (ft below grade)	SAMPLES: Recovery (%)	SAMPLES: Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	4	100		82.3	Brown fine silty-sand. No odor or staining noted. Refusal at 3 feet.
	8				
	12				
	16				
	20				
	24				
	28				
	32				
	36				
	40				

Coarse Sand
Medium Sand
Fine Sand
W. Bedrock

Associated Environmental Services, Ltd.

NTS - Not to Scale NA - Not Applicable ND - Not Detected NM - Not Measured DTW - Depth to Water

Geologic Log

Boring SB-2

1120 Westchester Avenue
Bronx, New York

Client:		Depth to Water (ft. from grade)		Site Elevation Datum
West Levy, LLC				
Site Name:	Address:	Date	DTW	NM
Mixed-Use Building	1120 Westchester Avenue, Bronx, NY	12/16/2014	Unknown	
Drilling Company:	Method:			
Associated Environmental	Geoprobe hand core			Measuring Point Elevation
Date Started:	Date Completed:			
12/16/14	12/16/14			NM
Completion Depth:	Geologist:			
2.5'	Matt Boeckel			

GEOLOGY	DEPTH (ft below grade)	SAMPLES Recovery (%)	SAMPLES Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	4	100		0.8	Brown fine silty-sand. No odor or staining noted. Refusal at 2.5 feet.
	8				
	12				
	16				
	20				
	24				
	28				
	32				
	36				
	40				

Coarse Sand
Medium Sand
Fine Sand
W. Bedrock

Associated Environmental Services, Ltd.

NTS - Not to Scale NA - Not Applicable ND - Not Detected NM - Not Measured DTW - Depth to Water

Geologic Log

Boring SB-3

1120 Westchester Avenue
Bronx, New York

Client: West Levy, LLC		Depth to Water (ft. from grade)		Site Elevation Datum
Site Name: Mixed-Use Building	Address: 1120 Westchester Avenue, Bronx, NY	Date: 12/16/2014	DTW: Unknown	NM
Drilling Company: Associated Environmental	Method: Geoprobe hand core			Measuring Point Elevation
Date Started: 12/16/14	Date Completed: 12/16/14			NM
Completion Depth: 3'	Geologist: Matt Boeckel			

GEOLOGY	DEPTH (ft below grade)	SAMPLES: Recovery (%)	SAMPLES: Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	4	100		68.8	Brown fine silty-sand. No odor or staining noted. Refusal at 3 feet.
	8				
	12				
	16				
	20				
	24				
	28				
	32				
Coarse Sand	36				
Medium Sand	40				
Fine Sand					
W. Bedrock					

Associated Environmental Services, Ltd.

NTS - Not to Scale NA - Not Applicable ND - Not Detected NM - Not Measured DTW - Depth to Water

Geologic Log

Boring SB-4

1120 Westchester Avenue
Bronx, New York

Client: West Levy, LLC		Depth to Water (ft. from grade)		Site Elevation Datum
Site Name: Mixed-Use Building	Address: 1120 Westchester Avenue, Bronx, NY	Date: 12/16/2014	DTW: Unknown	NM
Drilling Company: Associated Environmental	Method: Geoprobe hand core			Measuring Point Elevation
Date Started: 12/16/14	Date Completed: 12/16/14			NM
Completion Depth: 3'	Geologist: Matt Boeckel			

GEOLOGY	DEPTH (ft below grade)	SAMPLES: Recovery (%)	SAMPLES: Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	4	100		1.5	Brown fine silty-sand. No odor or staining noted. Refusal at 3 feet.
	8				
	12				
	16				
	20				
	24				
	28				
	32				
	36				
	40				

Coarse Sand
Medium Sand
Fine Sand
W. Bedrock

Associated Environmental Services, Ltd.

NTS - Not to Scale NA - Not Applicable ND - Not Detected NM - Not Measured DTW - Depth to Water

Geologic Log

Boring SB-1A

1120 Westchester Avenue
Bronx, New York

Client:		Depth to Water (ft. from grade)		Site Elevation Datum
West Levy, LLC				
Site Name:	Address:	Date	DTW	NM
Mixed-Use Building	1120 Westchester Avenue, Bronx, NY	2/12/2015	Unknown	
Drilling Company:	Method:			Measuring Point Elevation
Associated Environmental	Geoprobe hand core			
Date Started:	Date Completed:			NM
2/12/15	2/12/15			
Completion Depth:	Geologist:			
3'	Matt Boeckel			

GEOLOGY	DEPTH (ft below grade)	SAMPLES: Recovery (%)	SAMPLES: Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	4	100		101.0	Brown fine silty-sand. No odor or staining noted. Refusal at 3 feet.
	8				
	12				
	16				
	20				
	24				
	28				
	32				
Coarse Sand	36				
Medium Sand	40				
Fine Sand					
W. Bedrock					

Associated Environmental Services, Ltd.

NTS - Not to Scale NA - Not Applicable ND - Not Detected NM - Not Measured DTW - Depth to Water

Geologic Log

Boring SB-1B

1120 Westchester Avenue
Bronx, New York

Client: West Levy, LLC		Depth to Water (ft. from grade)		Site Elevation Datum
Site Name: Mixed-Use Building	Address: 1120 Westchester Avenue, Bronx, NY	Date: 2/12/2015	DTW: Unknown	NM
Drilling Company: Associated Environmental	Method: Geoprobe hand core			Measuring Point Elevation
Date Started: 2/12/15	Date Completed: 2/12/15			NM
Completion Depth: 3'	Geologist: Matt Boeckel			

GEOLOGY	DEPTH (ft below grade)	SAMPLES: Recovery (%)	SAMPLES: Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	4	100		95.5	Brown fine silty-sand. No odor or staining noted. Refusal at 3 feet.
	8				
	12				
	16				
	20				
	24				
	28				
	32				
	36				
	40				

Coarse Sand
Medium Sand
Fine Sand
W. Bedrock

Associated Environmental Services, Ltd.

NTS - Not to Scale NA - Not Applicable ND - Not Detected NM - Not Measured DTW - Depth to Water

Geologic Log

Boring SB-1C

1120 Westchester Avenue
Bronx, New York

Client:		Depth to Water (ft. from grade)		Site Elevation Datum
West Levy, LLC				
Site Name:	Address:	Date	DTW	NM
Mixed-Use Building	1120 Westchester Avenue, Bronx, NY	2/12/2015	Unknown	
Drilling Company:	Method:			Measuring Point Elevation
Associated Environmental	Geoprobe hand core			
Date Started:	Date Completed:			NM
2/12/15	2/12/15			
Completion Depth:	Geologist:			
3'	Matt Boeckel			

GEOLOGY	DEPTH (ft below grade)	SAMPLES: Recovery (%)	SAMPLES: Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	4	100		89.1	Brown fine silty-sand. No odor or staining noted. Refusal at 3 feet.
	8				
	12				
	16				
	20				
	24				
	28				
	32				
Coarse Sand	36				
Medium Sand	40				
Fine Sand					
W. Bedrock					

Associated Environmental Services, Ltd.

NTS - Not to Scale NA - Not Applicable ND - Not Detected NM - Not Measured DTW - Depth to Water

Geologic Log

Boring SB-3A

1120 Westchester Avenue
Bronx, New York

Client: West Levy, LLC		Depth to Water (ft. from grade)		Site Elevation Datum
Site Name: Mixed-Use Building	Address: 1120 Westchester Avenue, Bronx, NY	Date: 2/12/2015	DTW: Unknown	NM
Drilling Company: Associated Environmental	Method: Geoprobe hand core			Measuring Point Elevation
Date Started: 2/12/15	Date Completed: 2/12/15			NM
Completion Depth: 3'	Geologist: Matt Boeckel			

GEOLOGY	DEPTH (ft below grade)	SAMPLES: Recovery (%)	SAMPLES: Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	4	100		0.0	Brown fine silty-sand. No odor or staining noted. Refusal at 3 feet.
	8				
	12				
	16				
	20				
	24				
	28				
	32				
	36				
	40				

Coarse Sand
Medium Sand
Fine Sand
W. Bedrock

Associated Environmental Services, Ltd.

NTS - Not to Scale NA - Not Applicable ND - Not Detected NM - Not Measured DTW - Depth to Water

Geologic Log

Boring SB-3B

1120 Westchester Avenue
Bronx, New York

Client: West Levy, LLC		Depth to Water (ft. from grade)		Site Elevation Datum
Site Name: Mixed-Use Building	Address: 1120 Westchester Avenue, Bronx, NY	Date: 2/12/2015	DTW: Unknown	NM
Drilling Company: Associated Environmental	Method: Geoprobe hand core			Measuring Point Elevation
Date Started: 2/12/15	Date Completed: 2/12/15			NM
Completion Depth: 3'	Geologist: Matt Boeckel			

GEOLOGY	DEPTH (ft below grade)	SAMPLES: Recovery (%)	SAMPLES: Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	4	100		0.0	Brown fine silty-sand. No odor or staining noted. Refusal at 3 feet.
	8				
	12				
	16				
	20				
	24				
	28				
	32				
	36				
	40				

Coarse Sand
Medium Sand
Fine Sand
W. Bedrock

Associated Environmental Services, Ltd.

NTS - Not to Scale NA - Not Applicable ND - Not Detected NM - Not Measured DTW - Depth to Water

Geologic Log

Boring SB-3C

1120 Westchester Avenue
Bronx, New York

Client: West Levy, LLC		Depth to Water (ft. from grade)		Site Elevation Datum
Site Name: Mixed-Use Building	Address: 1120 Westchester Avenue, Bronx, NY	Date: 2/12/2015	DTW: Unknown	NM
Drilling Company: Associated Environmental	Method: Geoprobe hand core			Measuring Point Elevation
Date Started: 2/12/15	Date Completed: 2/12/15			NM
Completion Depth: 3'	Geologist: Matt Boeckel			

GEOLOGY	DEPTH (ft below grade)	SAMPLES: Recovery (%)	SAMPLES: Blow per 6 in.	SAMPLES: PID (ppm)	SOIL DESCRIPTION
	0				
	4	100		0.0	Brown fine silty-sand. No odor or staining noted. Refusal at 3 feet.
	8				
	12				
	16				
	20				
	24				
	28				
	32				
Coarse Sand	36				
Medium Sand	40				
Fine Sand					
W. Bedrock					

Associated Environmental Services, Ltd.

NTS - Not to Scale NA - Not Applicable ND - Not Detected NM - Not Measured DTW - Depth to Water

Geologic Log

Boring SB-5

1120 Westchester Avenue
Bronx, New York

Client: West Levy, LLC		Depth to Water (ft. from grade)		Site Elevation Datum
Site Name: Mixed-Use Building	Address: 1120 Westchester Avenue, Bronx, NY	Date: 2/12/2015	DTW: Unknown	NM
Drilling Company: Associated Environmental	Method: HSA/Air Rotary			Measuring Point Elevation
Date Started: 2/12/15	Date Completed: 2/12/15			NM
Completion Depth: 32'	Geologist: Matt Boeckel			

GEOLOGY	DEPTH (ft below grade)	SAMPLES: Recovery (%)	SAMPLES: Blow per 6 in.	SAMPLES: PID (ppm)	SOIL DESCRIPTION
	0				
	4	75		0.0	0'-5' Brown fine-silty sand. No odor or staining.
	8	50.0		0.0	5'-10' Brown fine-silty sand. No odor or staining.
	12	75.0		0.0	10'-15' Brown fine silty sand. No odor or staining.
	16	75.0		0.0	15'-20' Brown fine silty sand. No odor or staining.
	20	25		0.0	20'-22' Brown fine silty sand. No odor or staining. Refusal at 22 feet. Switch to air rotary drilling
	24				22'-32' Competent bedrock - micaceous schist
	28				
	32				
Coarse Sand	36				
Medium Sand					
Fine Sand					
W. Bedrock	40				

Associated Environmental Services, Ltd.

NTS - Not to Scale NA - Not Applicable ND - Not Detected NM - Not Measured DTW - Depth to Water

APPENDIX C – LABORATORY ANALYTICAL REPORT

PHOENIX
Environmental Laboratories, Inc.

Wednesday, December 24, 2014

Attn:
Associated Environmental Services
25 Central Ave.
Hauppauge, NY 11788

Project ID: 1120 WESTCHESTER AVE
Sample ID#s: BH54551 - BH54554

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

SDG Comments

December 24, 2014

SDG I.D.: GBH54551

BH54551 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH54552 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH54553 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH54554 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 24, 2014

FOR: Attn:
Associated Environmental Services
25 Central Ave.
Hauppauge, NY 11788

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		12/16/14	12:45
Location Code:	AESHAUP	Received by:	SW	12/17/14	15:52
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH54551
Phoenix ID: BH54551

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-1 (0-3)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	12/17/14	I	SW846
Volatiles						
1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
1,1,1-Trichloroethane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
1,1,2-Trichloroethane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloroethane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloroethene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloropropene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichloropropane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromoethane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichlorobenzene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloroethane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloropropane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichlorobenzene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichloropropane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
1,4-Dichlorobenzene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
2,2-Dichloropropane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
2-Chlorotoluene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260
2-Hexanone	ND	27	ug/Kg	12/19/14	JLI	SW8260
2-Isopropyltoluene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260 1
4-Chlorotoluene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-1 (0-3)

Phoenix I.D.: BH54551

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	27	ug/Kg	12/19/14	JLI	SW8260	
Acetone	ND	27	ug/Kg	12/19/14	JLI	SW8260	
Acrylonitrile	ND	11	ug/Kg	12/19/14	JLI	SW8260	
Benzene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Bromobenzene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Bromochloromethane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Bromodichloromethane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Bromoform	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Bromomethane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Carbon Disulfide	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Carbon tetrachloride	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Chlorobenzene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Chloroethane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Chloroform	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Chloromethane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Dibromochloromethane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Dibromomethane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Dichlorodifluoromethane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Ethylbenzene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Hexachlorobutadiene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Isopropylbenzene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
m&p-Xylene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Methyl Ethyl Ketone	ND	27	ug/Kg	12/19/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/19/14	JLI	SW8260	
Methylene chloride	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Naphthalene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
n-Butylbenzene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
n-Propylbenzene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
o-Xylene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
p-Isopropyltoluene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
sec-Butylbenzene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Styrene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
tert-Butylbenzene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Tetrachloroethene	2800	270	ug/Kg	12/19/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/19/14	JLI	SW8260	1
Toluene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Total Xylenes	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/19/14	JLI	SW8260	
Trichloroethene	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Trichlorofluoromethane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Trichlorotrifluoroethane	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
Vinyl chloride	ND	5.5	ug/Kg	12/19/14	JLI	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	12/19/14	JLI	70 - 130 %	
% Bromofluorobenzene	97		%	12/19/14	JLI	70 - 130 %	

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-1 (0-3)

Phoenix I.D.: BH54551

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Dibromofluoromethane	98		%	12/19/14	JLI	70 - 130 %
% Toluene-d8	102		%	12/19/14	JLI	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
December 24, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 24, 2014

FOR: Attn:
Associated Environmental Services
25 Central Ave.
Hauppauge, NY 11788

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		12/16/14	13:00
Location Code:	AESHAUP	Received by:	SW	12/17/14	15:52
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH54551
Phoenix ID: BH54552

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-2 (0-2.5)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Percent Solid	89		%	12/17/14	I	SW846	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
1,1,1-Trichloroethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
1,1,2-Trichloroethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
1,1-Dichloroethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
1,1-Dichloroethene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
1,1-Dichloropropene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
1,2,3-Trichloropropane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
1,2-Dibromoethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
1,2-Dichlorobenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
1,2-Dichloroethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
1,2-Dichloropropane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
1,3-Dichlorobenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
1,3-Dichloropropane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
1,4-Dichlorobenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
2,2-Dichloropropane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
2-Chlorotoluene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
2-Hexanone	ND	28	ug/Kg	12/19/14	JLI	SW8260	
2-Isopropyltoluene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	1
4-Chlorotoluene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-2 (0-2.5)

Phoenix I.D.: BH54552

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	28	ug/Kg	12/19/14	JLI	SW8260	
Acetone	ND	28	ug/Kg	12/19/14	JLI	SW8260	
Acrylonitrile	ND	11	ug/Kg	12/19/14	JLI	SW8260	
Benzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Bromobenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Bromochloromethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Bromodichloromethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Bromoform	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Bromomethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Carbon Disulfide	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Carbon tetrachloride	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Chlorobenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Chloroethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Chloroform	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Chloromethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Dibromochloromethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Dibromomethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Dichlorodifluoromethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Ethylbenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Hexachlorobutadiene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Isopropylbenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
m&p-Xylene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Methyl Ethyl Ketone	ND	28	ug/Kg	12/19/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/19/14	JLI	SW8260	
Methylene chloride	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Naphthalene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
n-Butylbenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
n-Propylbenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
o-Xylene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
p-Isopropyltoluene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
sec-Butylbenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Styrene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
tert-Butylbenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Tetrachloroethene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/19/14	JLI	SW8260	1
Toluene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Total Xylenes	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/19/14	JLI	SW8260	
Trichloroethene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Trichlorofluoromethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Trichlorotrifluoroethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Vinyl chloride	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	12/19/14	JLI	70 - 130 %	
% Bromofluorobenzene	97		%	12/19/14	JLI	70 - 130 %	

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-2 (0-2.5)

Phoenix I.D.: BH54552

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Dibromofluoromethane	98		%	12/19/14	JLI	70 - 130 %
% Toluene-d8	102		%	12/19/14	JLI	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
December 24, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 24, 2014

FOR: Attn:
Associated Environmental Services
25 Central Ave.
Hauppauge, NY 11788

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		12/16/14	13:15
Location Code:	AESHAUP	Received by:	SW	12/17/14	15:52
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH54551
Phoenix ID: BH54553

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-3 (0-3)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	12/17/14	I	SW846
Volatiles						
1,1,1,2-Tetrachloroethane	ND	280	ug/Kg	12/21/14	JLI	SW8260
1,1,1-Trichloroethane	ND	280	ug/Kg	12/21/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	280	ug/Kg	12/21/14	JLI	SW8260
1,1,2-Trichloroethane	ND	280	ug/Kg	12/21/14	JLI	SW8260
1,1-Dichloroethane	ND	280	ug/Kg	12/21/14	JLI	SW8260
1,1-Dichloroethene	ND	280	ug/Kg	12/21/14	JLI	SW8260
1,1-Dichloropropene	ND	280	ug/Kg	12/21/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	280	ug/Kg	12/21/14	JLI	SW8260
1,2,3-Trichloropropane	ND	280	ug/Kg	12/21/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	280	ug/Kg	12/21/14	JLI	SW8260
1,2,4-Trimethylbenzene	9000	280	ug/Kg	12/21/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	280	ug/Kg	12/21/14	JLI	SW8260
1,2-Dibromoethane	ND	280	ug/Kg	12/21/14	JLI	SW8260
1,2-Dichlorobenzene	ND	280	ug/Kg	12/21/14	JLI	SW8260
1,2-Dichloroethane	ND	280	ug/Kg	12/21/14	JLI	SW8260
1,2-Dichloropropane	ND	280	ug/Kg	12/21/14	JLI	SW8260
1,3,5-Trimethylbenzene	3300	280	ug/Kg	12/21/14	JLI	SW8260
1,3-Dichlorobenzene	ND	280	ug/Kg	12/21/14	JLI	SW8260
1,3-Dichloropropane	ND	280	ug/Kg	12/21/14	JLI	SW8260
1,4-Dichlorobenzene	ND	280	ug/Kg	12/21/14	JLI	SW8260
2,2-Dichloropropane	ND	280	ug/Kg	12/21/14	JLI	SW8260
2-Chlorotoluene	ND	280	ug/Kg	12/21/14	JLI	SW8260
2-Hexanone	ND	1400	ug/Kg	12/21/14	JLI	SW8260
2-Isopropyltoluene	ND	280	ug/Kg	12/21/14	JLI	SW8260 1
4-Chlorotoluene	ND	280	ug/Kg	12/21/14	JLI	SW8260

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-3 (0-3)

Phoenix I.D.: BH54553

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	1400	ug/Kg	12/21/14	JLI	SW8260	
Acetone	ND	1400	ug/Kg	12/21/14	JLI	SW8260	
Acrylonitrile	ND	570	ug/Kg	12/21/14	JLI	SW8260	
Benzene	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Bromobenzene	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Bromochloromethane	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Bromodichloromethane	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Bromoform	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Bromomethane	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Carbon Disulfide	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Carbon tetrachloride	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Chlorobenzene	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Chloroethane	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Chloroform	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Chloromethane	ND	280	ug/Kg	12/21/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND	280	ug/Kg	12/21/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Dibromochloromethane	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Dibromomethane	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Dichlorodifluoromethane	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Ethylbenzene	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Hexachlorobutadiene	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Isopropylbenzene	ND	280	ug/Kg	12/21/14	JLI	SW8260	
m&p-Xylene	1500	280	ug/Kg	12/21/14	JLI	SW8260	
Methyl Ethyl Ketone	ND	1400	ug/Kg	12/21/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND	570	ug/Kg	12/21/14	JLI	SW8260	
Methylene chloride	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Naphthalene	1400	280	ug/Kg	12/21/14	JLI	SW8260	
n-Butylbenzene	1200	280	ug/Kg	12/21/14	JLI	SW8260	
n-Propylbenzene	700	280	ug/Kg	12/21/14	JLI	SW8260	
o-Xylene	1200	280	ug/Kg	12/21/14	JLI	SW8260	
p-Isopropyltoluene	650	280	ug/Kg	12/21/14	JLI	SW8260	
sec-Butylbenzene	590	280	ug/Kg	12/21/14	JLI	SW8260	
Styrene	ND	280	ug/Kg	12/21/14	JLI	SW8260	
tert-Butylbenzene	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Tetrachloroethene	1500	280	ug/Kg	12/21/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND	570	ug/Kg	12/21/14	JLI	SW8260	1
Toluene	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Total Xylenes	2700	280	ug/Kg	12/21/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND	280	ug/Kg	12/21/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND	280	ug/Kg	12/21/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND	570	ug/Kg	12/21/14	JLI	SW8260	
Trichloroethene	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Trichlorofluoromethane	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Trichlorotrifluoroethane	ND	280	ug/Kg	12/21/14	JLI	SW8260	
Vinyl chloride	ND	280	ug/Kg	12/21/14	JLI	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	12/21/14	JLI	70 - 130 %	
% Bromofluorobenzene	122		%	12/21/14	JLI	70 - 130 %	

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-3 (0-3)

Phoenix I.D.: BH54553

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Dibromofluoromethane	94		%	12/21/14	JLI	70 - 130 %
% Toluene-d8	95		%	12/21/14	JLI	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
December 24, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 24, 2014

FOR: Attn:
Associated Environmental Services
25 Central Ave.
Hauppauge, NY 11788

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		12/16/14	13:30
Location Code:	AESHAUP	Received by:	SW	12/17/14	15:52
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH54551
Phoenix ID: BH54554

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-4 (0-3)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	12/17/14	I	SW846
Volatiles						
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloroethene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromoethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260
2-Hexanone	ND	28	ug/Kg	12/19/14	JLI	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260 1
4-Chlorotoluene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-4 (0-3)

Phoenix I.D.: BH54554

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	28	ug/Kg	12/19/14	JLI	SW8260	
Acetone	ND	28	ug/Kg	12/19/14	JLI	SW8260	
Acrylonitrile	ND	11	ug/Kg	12/19/14	JLI	SW8260	
Benzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Bromobenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Bromochloromethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Bromodichloromethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Bromoform	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Bromomethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Carbon Disulfide	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Carbon tetrachloride	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Chlorobenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Chloroethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Chloroform	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Chloromethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Dibromochloromethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Dibromomethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Dichlorodifluoromethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Ethylbenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Hexachlorobutadiene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Isopropylbenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
m&p-Xylene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Methyl Ethyl Ketone	ND	28	ug/Kg	12/19/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/19/14	JLI	SW8260	
Methylene chloride	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Naphthalene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
n-Butylbenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
n-Propylbenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
o-Xylene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
p-Isopropyltoluene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
sec-Butylbenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Styrene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
tert-Butylbenzene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Tetrachloroethene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/19/14	JLI	SW8260	1
Toluene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Total Xylenes	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/19/14	JLI	SW8260	
Trichloroethene	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Trichlorofluoromethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Trichlorotrifluoroethane	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
Vinyl chloride	ND	5.6	ug/Kg	12/19/14	JLI	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	12/19/14	JLI	70 - 130 %	
% Bromofluorobenzene	97		%	12/19/14	JLI	70 - 130 %	

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-4 (0-3)

Phoenix I.D.: BH54554

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Dibromofluoromethane	99		%	12/19/14	JLI	70 - 130 %
% Toluene-d8	102		%	12/19/14	JLI	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
December 24, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

December 24, 2014

QA/QC Data

SDG I.D.: GBH54551

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 295392, QC Sample No: BH54554 (BH54551 (50, 1X) , BH54552, BH54554)									
Volatiles - Solid									
1,1,1,2-Tetrachloroethane	ND	90	93	3.3	107	109	1.9	70 - 130	30
1,1,1-Trichloroethane	ND	88	91	3.4	106	108	1.9	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	90	91	1.1	103	105	1.9	70 - 130	30
1,1,2-Trichloroethane	ND	84	86	2.4	102	105	2.9	70 - 130	30
1,1-Dichloroethane	ND	84	87	3.5	104	107	2.8	70 - 130	30
1,1-Dichloroethene	ND	90	92	2.2	102	104	1.9	70 - 130	30
1,1-Dichloropropene	ND	89	94	5.5	106	106	0.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	91	92	1.1	97	102	5.0	70 - 130	30
1,2,3-Trichloropropane	ND	83	86	3.6	101	103	2.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	93	92	1.1	95	100	5.1	70 - 130	30
1,2,4-Trimethylbenzene	ND	86	89	3.4	104	106	1.9	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	86	89	3.4	98	102	4.0	70 - 130	30
1,2-Dibromoethane	ND	86	89	3.4	102	105	2.9	70 - 130	30
1,2-Dichlorobenzene	ND	87	87	0.0	100	103	3.0	70 - 130	30
1,2-Dichloroethane	ND	85	87	2.3	101	102	1.0	70 - 130	30
1,2-Dichloropropane	ND	86	89	3.4	104	107	2.8	70 - 130	30
1,3,5-Trimethylbenzene	ND	92	94	2.2	106	108	1.9	70 - 130	30
1,3-Dichlorobenzene	ND	89	90	1.1	100	103	3.0	70 - 130	30
1,3-Dichloropropane	ND	86	88	2.3	103	105	1.9	70 - 130	30
1,4-Dichlorobenzene	ND	89	89	0.0	101	103	2.0	70 - 130	30
2,2-Dichloropropane	ND	88	91	3.4	97	98	1.0	70 - 130	30
2-Chlorotoluene	ND	89	90	1.1	103	105	1.9	70 - 130	30
2-Hexanone	ND	72	75	4.1	91	94	3.2	70 - 130	30
2-Isopropyltoluene	ND	87	89	2.3	107	109	1.9	70 - 130	30
4-Chlorotoluene	ND	88	89	1.1	103	104	1.0	70 - 130	30
4-Methyl-2-pentanone	ND	77	80	3.8	98	100	2.0	70 - 130	30
Acetone	ND	73	75	2.7	75	75	0.0	70 - 130	30
Acrylonitrile	ND	78	82	5.0	97	101	4.0	70 - 130	30
Benzene	ND	87	89	2.3	103	105	1.9	70 - 130	30
Bromobenzene	ND	87	89	2.3	101	104	2.9	70 - 130	30
Bromochloromethane	ND	85	87	2.3	103	106	2.9	70 - 130	30
Bromodichloromethane	ND	89	92	3.3	105	108	2.8	70 - 130	30
Bromoform	ND	92	94	2.2	106	112	5.5	70 - 130	30
Bromomethane	ND	86	83	3.6	109	109	0.0	70 - 130	30
Carbon Disulfide	ND	91	94	3.2	102	105	2.9	70 - 130	30
Carbon tetrachloride	ND	90	93	3.3	107	107	0.0	70 - 130	30
Chlorobenzene	ND	86	88	2.3	103	103	0.0	70 - 130	30
Chloroethane	ND	76	76	0.0	95	95	0.0	70 - 130	30
Chloroform	ND	85	87	2.3	104	106	1.9	70 - 130	30
Chloromethane	ND	75	76	1.3	106	107	0.9	70 - 130	30
cis-1,2-Dichloroethene	ND	86	89	3.4	103	105	1.9	70 - 130	30

QA/QC Data

SDG I.D.: GBH54551

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,3-Dichloropropene	ND	91	94	3.2	103	106	2.9	70 - 130	30
Dibromochloromethane	ND	90	93	3.3	107	109	1.9	70 - 130	30
Dibromomethane	ND	83	86	3.6	100	103	3.0	70 - 130	30
Dichlorodifluoromethane	ND	75	77	2.6	105	103	1.9	70 - 130	30
Ethylbenzene	ND	89	91	2.2	102	104	1.9	70 - 130	30
Hexachlorobutadiene	ND	98	99	1.0	100	103	3.0	70 - 130	30
Isopropylbenzene	ND	90	92	2.2	108	108	0.0	70 - 130	30
m&p-Xylene	ND	89	92	3.3	106	107	0.9	70 - 130	30
Methyl ethyl ketone	ND	69	77	11.0	86	87	1.2	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	83	86	3.6	98	102	4.0	70 - 130	30
Methylene chloride	ND	85	87	2.3	88	91	3.4	70 - 130	30
Naphthalene	ND	90	92	2.2	102	105	2.9	70 - 130	30
n-Butylbenzene	ND	94	94	0.0	105	107	1.9	70 - 130	30
n-Propylbenzene	ND	85	87	2.3	105	107	1.9	70 - 130	30
o-Xylene	ND	89	91	2.2	105	106	0.9	70 - 130	30
p-Isopropyltoluene	ND	94	96	2.1	108	109	0.9	70 - 130	30
sec-Butylbenzene	ND	94	97	3.1	108	109	0.9	70 - 130	30
Styrene	ND	93	95	2.1	108	111	2.7	70 - 130	30
tert-Butylbenzene	ND	90	92	2.2	107	108	0.9	70 - 130	30
Tetrachloroethene	ND	90	93	3.3	104	105	1.0	70 - 130	30
Tetrahydrofuran (THF)	ND	75	78	3.9	95	98	3.1	70 - 130	30
Toluene	ND	86	89	3.4	101	103	2.0	70 - 130	30
trans-1,2-Dichloroethene	ND	89	90	1.1	100	102	2.0	70 - 130	30
trans-1,3-Dichloropropene	ND	92	96	4.3	103	106	2.9	70 - 130	30
trans-1,4-dichloro-2-butene	ND	85	89	4.6	100	101	1.0	70 - 130	30
Trichloroethene	ND	90	93	3.3	105	106	0.9	70 - 130	30
Trichlorofluoromethane	ND	85	86	1.2	106	108	1.9	70 - 130	30
Trichlorotrifluoroethane	ND	87	89	2.3	106	107	0.9	70 - 130	30
Vinyl chloride	ND	76	78	2.6	104	105	1.0	70 - 130	30
% 1,2-dichlorobenzene-d4	100	99	99	0.0	99	99	0.0	70 - 130	30
% Bromofluorobenzene	98	101	100	1.0	100	99	1.0	70 - 130	30
% Dibromofluoromethane	98	100	100	0.0	101	101	0.0	70 - 130	30
% Toluene-d8	101	100	100	0.0	99	100	1.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 295595, QC Sample No: BH55896 (BH54553 (50X))

Volatiles - Solid

1,1,1,2-Tetrachloroethane	ND	99	103	4.0	85	86	1.2	70 - 130	30
1,1,1-Trichloroethane	ND	99	102	3.0	87	88	1.1	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	99	101	2.0	83	84	1.2	70 - 130	30
1,1,2-Trichloroethane	ND	95	95	0.0	85	84	1.2	70 - 130	30
1,1-Dichloroethane	ND	96	99	3.1	86	87	1.2	70 - 130	30
1,1-Dichloroethene	ND	106	110	3.7	71	76	6.8	70 - 130	30
1,1-Dichloropropene	ND	101	103	2.0	90	88	2.2	70 - 130	30
1,2,3-Trichlorobenzene	ND	95	99	4.1	81	79	2.5	70 - 130	30
1,2,3-Trichloropropane	ND	91	94	3.2	82	81	1.2	70 - 130	30
1,2,4-Trichlorobenzene	ND	95	100	5.1	83	79	4.9	70 - 130	30
1,2,4-Trimethylbenzene	ND	92	95	3.2	86	84	2.4	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	98	101	3.0	80	89	10.7	70 - 130	30
1,2-Dibromoethane	ND	97	99	2.0	86	86	0.0	70 - 130	30
1,2-Dichlorobenzene	ND	94	96	2.1	85	83	2.4	70 - 130	30
1,2-Dichloroethane	ND	95	96	1.0	83	82	1.2	70 - 130	30

QA/QC Data

SDG I.D.: GBH54551

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2-Dichloropropane	ND	96	97	1.0	87	85	2.3	70 - 130	30	
1,3,5-Trimethylbenzene	ND	97	100	3.0	88	85	3.5	70 - 130	30	
1,3-Dichlorobenzene	ND	95	97	2.1	86	82	4.8	70 - 130	30	
1,3-Dichloropropane	ND	94	96	2.1	83	83	0.0	70 - 130	30	
1,4-Dichlorobenzene	ND	94	96	2.1	85	82	3.6	70 - 130	30	
2,2-Dichloropropane	ND	103	105	1.9	82	84	2.4	70 - 130	30	
2-Chlorotoluene	ND	93	98	5.2	87	85	2.3	70 - 130	30	
2-Hexanone	ND	84	87	3.5	78	80	2.5	70 - 130	30	
2-Isopropyltoluene	ND	95	98	3.1	91	89	2.2	70 - 130	30	
4-Chlorotoluene	ND	93	97	4.2	87	84	3.5	70 - 130	30	
4-Methyl-2-pentanone	ND	87	92	5.6	83	83	0.0	70 - 130	30	
Acetone	ND	78	76	2.6	49	51	4.0	70 - 130	30	m
Acrylonitrile	ND	90	96	6.5	86	87	1.2	70 - 130	30	
Benzene	ND	98	100	2.0	88	87	1.1	70 - 130	30	
Bromobenzene	ND	94	97	3.1	86	85	1.2	70 - 130	30	
Bromochloromethane	ND	97	98	1.0	85	86	1.2	70 - 130	30	
Bromodichloromethane	ND	100	102	2.0	83	83	0.0	70 - 130	30	
Bromoform	ND	103	108	4.7	77	82	6.3	70 - 130	30	
Bromomethane	ND	103	103	0.0	65	73	11.6	70 - 130	30	m
Carbon Disulfide	ND	139	144	3.5	88	92	4.4	70 - 130	30	l
Carbon tetrachloride	ND	102	103	1.0	85	84	1.2	70 - 130	30	
Chlorobenzene	ND	95	97	2.1	87	86	1.2	70 - 130	30	
Chloroethane	ND	96	101	5.1	37	40	7.8	70 - 130	30	m
Chloroform	ND	96	97	1.0	80	80	0.0	70 - 130	30	
Chloromethane	ND	103	107	3.8	102	102	0.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	97	99	2.0	88	88	0.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	104	105	1.0	85	85	0.0	70 - 130	30	
Dibromochloromethane	ND	102	104	1.9	81	83	2.4	70 - 130	30	
Dibromomethane	ND	95	97	2.1	84	86	2.4	70 - 130	30	
Dichlorodifluoromethane	ND	130	136	4.5	132	129	2.3	70 - 130	30	l,m
Ethylbenzene	ND	99	102	3.0	90	88	2.2	70 - 130	30	
Hexachlorobutadiene	ND	100	105	4.9	85	83	2.4	70 - 130	30	
Isopropylbenzene	ND	98	100	2.0	91	88	3.4	70 - 130	30	
m&p-Xylene	ND	97	100	3.0	89	87	2.3	70 - 130	30	
Methyl ethyl ketone	ND	85	91	6.8	75	79	5.2	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	89	90	1.1	78	78	0.0	70 - 130	30	
Methylene chloride	ND	85	87	2.3	66	67	1.5	70 - 130	30	m
Naphthalene	ND	96	100	4.1	86	85	1.2	70 - 130	30	
n-Butylbenzene	ND	96	100	4.1	87	83	4.7	70 - 130	30	
n-Propylbenzene	ND	91	94	3.2	89	85	4.6	70 - 130	30	
o-Xylene	ND	97	100	3.0	88	87	1.1	70 - 130	30	
p-Isopropyltoluene	ND	97	100	3.0	88	85	3.5	70 - 130	30	
sec-Butylbenzene	ND	98	102	4.0	89	86	3.4	70 - 130	30	
Styrene	ND	96	99	3.1	87	86	1.2	70 - 130	30	
tert-Butylbenzene	ND	96	99	3.1	90	87	3.4	70 - 130	30	
Tetrachloroethene	ND	99	102	3.0	90	87	3.4	70 - 130	30	
Tetrahydrofuran (THF)	ND	92	95	3.2	86	87	1.2	70 - 130	30	
Toluene	ND	97	99	2.0	88	86	2.3	70 - 130	30	
trans-1,2-Dichloroethene	ND	100	103	3.0	84	86	2.4	70 - 130	30	
trans-1,3-Dichloropropene	ND	106	106	0.0	83	84	1.2	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	103	106	2.9	82	83	1.2	70 - 130	30	
Trichloroethene	ND	100	102	2.0	89	88	1.1	70 - 130	30	
Trichlorofluoromethane	ND	106	110	3.7	28	29	3.5	70 - 130	30	m

QA/QC Data

SDG I.D.: GBH54551

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Trichlorotrifluoroethane	ND	99	104	4.9	82	83	1.2	70 - 130	30
Vinyl chloride	ND	104	108	3.8	109	111	1.8	70 - 130	30
% 1,2-dichlorobenzene-d4	101	100	99	1.0	100	99	1.0	70 - 130	30
% Bromofluorobenzene	97	100	99	1.0	98	99	1.0	70 - 130	30
% Dibromofluoromethane	101	102	101	1.0	97	100	3.0	70 - 130	30
% Toluene-d8	94	101	100	1.0	100	100	0.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.

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

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
December 24, 2014

Sample Criteria Exceedences Report

GBH54551 - AESHAUP

Criteria: NY: 375

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH54551	$8260SMR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	2800	270	1300	1300	ug/Kg
BH54553	$8260SMR	Total Xylenes	NY / 375-6.8 Volatiles / Unrestricted Use Soil	2700	280	260	260	ug/Kg
BH54553	$8260SMR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	20	20	ug/Kg
BH54553	$8260SMR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	190	190	ug/Kg
BH54553	$8260SMR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1500	280	1300	1300	ug/Kg
BH54553	$8260SMR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	50	50	ug/Kg
BH54553	$8260SMR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1400	120	120	ug/Kg
BH54553	$8260SMR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	250	250	ug/Kg
BH54553	$8260SMR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	60	60	ug/Kg
BH54553	$8260SMR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1400	50	50	ug/Kg
BH54553	$8260SMR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	20	20	ug/Kg
BH54553	$8260SMR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	9000	280	3600	3600	ug/Kg
BH54553	$8260SMR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	270	270	ug/Kg

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

December 24, 2014

SDG I.D.: GBH54551

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

Cooler: Yes ☒ No ☐
Coolant: IPK ☒ ICE ☐ No ☐
Temp 4 °C Pg of

NY/NJ CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

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

Contact Options:
☐ Fax:
☐ Phone:
☒ Email:

Customer: Associated Environmental Services
Address: 25 Central Avenue
Hauppauge NY

Project: 1120 Westchester Avenue
Report to: AES
Invoice to: AES

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 12/16/14

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	EPA 8260	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (4) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
54551	SB-1 (0-3)	S	12/16/14	12:45	X		X								
54552	SB-2 (0-2.5)	S	↓	1:00	X		X								
54553	SB-3 (0-3)	S		1:15	X		X								
54554	SB-4 (0-3)	S		1:30	X		X								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	12-17-14	12:15
[signature]	[signature]	12-17-14	15:52

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ TAGM 4046 GW
☐ TAGM 4046 SOIL
☒ NY375 Unrestricted Use Soil
☐ NY375 Residential Soil
☐ Restricted/Residential
☐ Commercial
☐ Industrial

Data Format
☐ Phoenix Std Report
☒ Excel
☒ PDF
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

Wednesday, February 18, 2015

Attn: Mr. Matt Boeckel
Associated Environmental Services
25 Central Ave.
Hauppauge, NY 11788

Project ID: 1120 WESTCHESTER AVE
Sample ID#s: BH73665 - BH73671

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

February 18, 2015

SDG I.D.: GBH73665

BH73665 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH73666 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH73667 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH73668 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH73669 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH73670 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH73671 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 18, 2015

FOR: Attn: Mr. Matt Boeckel
Associated Environmental Services
25 Central Ave.
Hauppauge, NY 11788

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/12/15	10:00
Location Code:	AESHAUP	Received by:	SW	02/13/15	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH73665
Phoenix ID: BH73665

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-1A (0-3)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	02/13/15	i	SW846
Volatiles						
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
2-Chlorotoluene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
2-Hexanone	ND	28	ug/Kg	02/14/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C 1
4-Chlorotoluene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-1A (0-3)

Phoenix I.D.: BH73665

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	28	ug/Kg	02/14/15	JLI	SW8260C	
Acetone	ND	28	ug/Kg	02/14/15	JLI	SW8260C	
Acrylonitrile	ND	11	ug/Kg	02/14/15	JLI	SW8260C	
Benzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Bromobenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Bromochloromethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Bromodichloromethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Bromoform	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Bromomethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Carbon Disulfide	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Carbon tetrachloride	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Chlorobenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Chloroethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Chloroform	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Chloromethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Dibromochloromethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Dibromomethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Ethylbenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Hexachlorobutadiene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Isopropylbenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
m&p-Xylene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	28	ug/Kg	02/14/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	02/14/15	JLI	SW8260C	
Methylene chloride	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Naphthalene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
n-Butylbenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
n-Propylbenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
o-Xylene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
p-Isopropyltoluene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
sec-Butylbenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Styrene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
tert-Butylbenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Tetrachloroethene	88000	2800	ug/Kg	02/16/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	11	ug/Kg	02/14/15	JLI	SW8260C	1
Toluene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Total Xylenes	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	02/14/15	JLI	SW8260C	
Trichloroethene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Trichlorofluoromethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Vinyl chloride	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	02/14/15	JLI	70 - 130 %	
% Bromofluorobenzene	94		%	02/14/15	JLI	70 - 130 %	

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-1A (0-3)

Phoenix I.D.: BH73665

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Dibromofluoromethane	102		%	02/14/15	JLI	70 - 130 %
% Toluene-d8	95		%	02/14/15	JLI	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
February 18, 2015
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 18, 2015

FOR: Attn: Mr. Matt Boeckel
Associated Environmental Services
25 Central Ave.
Hauppauge, NY 11788

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/12/15	10:15
Location Code:	AESHAUP	Received by:	SW	02/13/15	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH73665
Phoenix ID: BH73666

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-1B (0-3)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Percent Solid	91		%	02/13/15	i	SW846	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,1,1-Trichloroethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,1,2-Trichloroethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,1-Dichloroethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,1-Dichloroethene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,1-Dichloropropene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,2,3-Trichloropropane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,2-Dibromoethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,2-Dichlorobenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,2-Dichloroethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,2-Dichloropropane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,3-Dichlorobenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,3-Dichloropropane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,4-Dichlorobenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
2,2-Dichloropropane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
2-Chlorotoluene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
2-Hexanone	ND	27	ug/Kg	02/14/15	JLI	SW8260C	
2-Isopropyltoluene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	1
4-Chlorotoluene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-1B (0-3)

Phoenix I.D.: BH73666

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	27	ug/Kg	02/14/15	JLI	SW8260C	
Acetone	ND	27	ug/Kg	02/14/15	JLI	SW8260C	
Acrylonitrile	ND	11	ug/Kg	02/14/15	JLI	SW8260C	
Benzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Bromobenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Bromochloromethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Bromodichloromethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Bromoform	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Bromomethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Carbon Disulfide	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Carbon tetrachloride	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Chlorobenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Chloroethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Chloroform	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Chloromethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Dibromochloromethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Dibromomethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Ethylbenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Hexachlorobutadiene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Isopropylbenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
m&p-Xylene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	27	ug/Kg	02/14/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	02/14/15	JLI	SW8260C	
Methylene chloride	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Naphthalene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
n-Butylbenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
n-Propylbenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
o-Xylene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
p-Isopropyltoluene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
sec-Butylbenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Styrene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
tert-Butylbenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Tetrachloroethene	100000	2700	ug/Kg	02/16/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	11	ug/Kg	02/14/15	JLI	SW8260C	1
Toluene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Total Xylenes	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	02/14/15	JLI	SW8260C	
Trichloroethene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Trichlorofluoromethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Vinyl chloride	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	02/14/15	JLI	70 - 130 %	
% Bromofluorobenzene	91		%	02/14/15	JLI	70 - 130 %	

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-1B (0-3)

Phoenix I.D.: BH73666

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Dibromofluoromethane	100		%	02/14/15	JLI	70 - 130 %
% Toluene-d8	95		%	02/14/15	JLI	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
February 18, 2015
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 18, 2015

FOR: Attn: Mr. Matt Boeckel
Associated Environmental Services
25 Central Ave.
Hauppauge, NY 11788

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/12/15	10:30
Location Code:	AESHAUP	Received by:	SW	02/13/15	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH73665
Phoenix ID: BH73667

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-1C (0-3)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	02/13/15	i	SW846
Volatiles						
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
2-Chlorotoluene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C
2-Hexanone	ND	28	ug/Kg	02/14/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C 1
4-Chlorotoluene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-1C (0-3)

Phoenix I.D.: BH73667

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	28	ug/Kg	02/14/15	JLI	SW8260C	
Acetone	ND	28	ug/Kg	02/14/15	JLI	SW8260C	
Acrylonitrile	ND	11	ug/Kg	02/14/15	JLI	SW8260C	
Benzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Bromobenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Bromochloromethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Bromodichloromethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Bromoform	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Bromomethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Carbon Disulfide	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Carbon tetrachloride	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Chlorobenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Chloroethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Chloroform	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Chloromethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Dibromochloromethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Dibromomethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Ethylbenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Hexachlorobutadiene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Isopropylbenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
m&p-Xylene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	28	ug/Kg	02/14/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	02/14/15	JLI	SW8260C	
Methylene chloride	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Naphthalene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
n-Butylbenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
n-Propylbenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
o-Xylene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
p-Isopropyltoluene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
sec-Butylbenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Styrene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
tert-Butylbenzene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Tetrachloroethene	44000	1400	ug/Kg	02/16/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	11	ug/Kg	02/14/15	JLI	SW8260C	1
Toluene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Total Xylenes	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	02/14/15	JLI	SW8260C	
Trichloroethene	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Trichlorofluoromethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
Vinyl chloride	ND	5.6	ug/Kg	02/14/15	JLI	SW8260C	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	02/14/15	JLI	70 - 130 %	
% Bromofluorobenzene	93		%	02/14/15	JLI	70 - 130 %	

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-1C (0-3)

Phoenix I.D.: BH73667

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Dibromofluoromethane	98		%	02/14/15	JLI	70 - 130 %
% Toluene-d8	95		%	02/14/15	JLI	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
February 18, 2015
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 18, 2015

FOR: Attn: Mr. Matt Boeckel
Associated Environmental Services
25 Central Ave.
Hauppauge, NY 11788

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/12/15	11:00
Location Code:	AESHAUP	Received by:	SW	02/13/15	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH73665
Phoenix ID: BH73668

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-3A (0-3)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	77		%	02/13/15	i	SW846
Volatiles						
1,1,1,2-Tetrachloroethane	ND	320	ug/Kg	02/14/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	320	ug/Kg	02/14/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	320	ug/Kg	02/14/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	320	ug/Kg	02/14/15	JLI	SW8260C
1,1-Dichloroethane	ND	250	ug/Kg	02/14/15	JLI	SW8260C
1,1-Dichloroethene	ND	320	ug/Kg	02/14/15	JLI	SW8260C
1,1-Dichloropropene	ND	320	ug/Kg	02/14/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	320	ug/Kg	02/14/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	320	ug/Kg	02/14/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	320	ug/Kg	02/14/15	JLI	SW8260C
1,2,4-Trimethylbenzene	190	100	ug/Kg	02/14/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	320	ug/Kg	02/14/15	JLI	SW8260C
1,2-Dibromoethane	ND	320	ug/Kg	02/14/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	320	ug/Kg	02/14/15	JLI	SW8260C
1,2-Dichloroethane	ND	320	ug/Kg	02/14/15	JLI	SW8260C
1,2-Dichloropropane	ND	320	ug/Kg	02/14/15	JLI	SW8260C
1,3,5-Trimethylbenzene	150	100	ug/Kg	02/14/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	320	ug/Kg	02/14/15	JLI	SW8260C
1,3-Dichloropropane	ND	320	ug/Kg	02/14/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	320	ug/Kg	02/14/15	JLI	SW8260C
2,2-Dichloropropane	ND	320	ug/Kg	02/14/15	JLI	SW8260C
2-Chlorotoluene	ND	320	ug/Kg	02/14/15	JLI	SW8260C
2-Hexanone	ND	1600	ug/Kg	02/14/15	JLI	SW8260C
2-Isopropyltoluene	ND	320	ug/Kg	02/14/15	JLI	SW8260C 1
4-Chlorotoluene	ND	320	ug/Kg	02/14/15	JLI	SW8260C

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-3A (0-3)

Phoenix I.D.: BH73668

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	1600	ug/Kg	02/14/15	JLI	SW8260C	
Acetone	ND	1600	ug/Kg	02/14/15	JLI	SW8260C	
Acrylonitrile	ND	650	ug/Kg	02/14/15	JLI	SW8260C	
Benzene	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Bromobenzene	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Bromochloromethane	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Bromodichloromethane	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Bromoform	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Bromomethane	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Carbon Disulfide	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Carbon tetrachloride	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Chlorobenzene	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Chloroethane	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Chloroform	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Chloromethane	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	200	ug/Kg	02/14/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Dibromochloromethane	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Dibromomethane	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Ethylbenzene	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Hexachlorobutadiene	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Isopropylbenzene	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
m&p-Xylene	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	120	ug/Kg	02/14/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	650	ug/Kg	02/14/15	JLI	SW8260C	
Methylene chloride	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Naphthalene	120	100	ug/Kg	02/14/15	JLI	SW8260C	
n-Butylbenzene	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
n-Propylbenzene	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
o-Xylene	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
p-Isopropyltoluene	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
sec-Butylbenzene	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Styrene	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
tert-Butylbenzene	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Tetrachloroethene	110	100	ug/Kg	02/14/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	650	ug/Kg	02/14/15	JLI	SW8260C	1
Toluene	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Total Xylenes	ND	250	ug/Kg	02/14/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	190	ug/Kg	02/14/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	650	ug/Kg	02/14/15	JLI	SW8260C	
Trichloroethene	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Trichlorofluoromethane	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
Vinyl chloride	ND	320	ug/Kg	02/14/15	JLI	SW8260C	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	02/14/15	JLI	70 - 130 %	
% Bromofluorobenzene	101		%	02/14/15	JLI	70 - 130 %	

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-3A (0-3)

Phoenix I.D.: BH73668

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Dibromofluoromethane	97		%	02/14/15	JLI	70 - 130 %
% Toluene-d8	95		%	02/14/15	JLI	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of non-target compounds.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
February 18, 2015
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 18, 2015

FOR: Attn: Mr. Matt Boeckel
Associated Environmental Services
25 Central Ave.
Hauppauge, NY 11788

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/12/15	11:20
Location Code:	AESHAUP	Received by:	SW	02/13/15	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH73665
Phoenix ID: BH73669

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-3B (0-3)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Percent Solid	91		%	02/13/15	i	SW846	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,1,1-Trichloroethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,1,2-Trichloroethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,1-Dichloroethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,1-Dichloroethene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,1-Dichloropropene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,2,3-Trichloropropane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,2-Dibromoethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,2-Dichlorobenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,2-Dichloroethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,2-Dichloropropane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,3-Dichlorobenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,3-Dichloropropane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
1,4-Dichlorobenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
2,2-Dichloropropane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
2-Chlorotoluene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
2-Hexanone	ND	27	ug/Kg	02/14/15	JLI	SW8260C	
2-Isopropyltoluene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	1
4-Chlorotoluene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-3B (0-3)

Phoenix I.D.: BH73669

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	27	ug/Kg	02/14/15	JLI	SW8260C	
Acetone	ND	27	ug/Kg	02/14/15	JLI	SW8260C	
Acrylonitrile	ND	11	ug/Kg	02/14/15	JLI	SW8260C	
Benzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Bromobenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Bromochloromethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Bromodichloromethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Bromoform	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Bromomethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Carbon Disulfide	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Carbon tetrachloride	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Chlorobenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Chloroethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Chloroform	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Chloromethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Dibromochloromethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Dibromomethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Ethylbenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Hexachlorobutadiene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Isopropylbenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
m&p-Xylene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	27	ug/Kg	02/14/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	02/14/15	JLI	SW8260C	
Methylene chloride	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Naphthalene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
n-Butylbenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
n-Propylbenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
o-Xylene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
p-Isopropyltoluene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
sec-Butylbenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Styrene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
tert-Butylbenzene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Tetrachloroethene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	11	ug/Kg	02/14/15	JLI	SW8260C	1
Toluene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Total Xylenes	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	02/14/15	JLI	SW8260C	
Trichloroethene	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Trichlorofluoromethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
Vinyl chloride	ND	5.5	ug/Kg	02/14/15	JLI	SW8260C	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	02/14/15	JLI	70 - 130 %	
% Bromofluorobenzene	95		%	02/14/15	JLI	70 - 130 %	

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-3B (0-3)

Phoenix I.D.: BH73669

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Dibromofluoromethane	100		%	02/14/15	JLI	70 - 130 %
% Toluene-d8	94		%	02/14/15	JLI	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
February 18, 2015
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 18, 2015

FOR: Attn: Mr. Matt Boeckel
Associated Environmental Services
25 Central Ave.
Hauppauge, NY 11788

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/12/15	11:40
Location Code:	AESHAUP	Received by:	SW	02/13/15	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH73665
Phoenix ID: BH73670

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-3C (0-3)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	02/13/15	i	SW846
Volatiles						
1,1,1,2-Tetrachloroethane	ND	280	ug/Kg	02/14/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	280	ug/Kg	02/14/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	280	ug/Kg	02/14/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	280	ug/Kg	02/14/15	JLI	SW8260C
1,1-Dichloroethane	ND	250	ug/Kg	02/14/15	JLI	SW8260C
1,1-Dichloroethene	ND	280	ug/Kg	02/14/15	JLI	SW8260C
1,1-Dichloropropene	ND	280	ug/Kg	02/14/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	280	ug/Kg	02/14/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	280	ug/Kg	02/14/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	280	ug/Kg	02/14/15	JLI	SW8260C
1,2,4-Trimethylbenzene	1300	280	ug/Kg	02/14/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	280	ug/Kg	02/14/15	JLI	SW8260C
1,2-Dibromoethane	ND	280	ug/Kg	02/14/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	280	ug/Kg	02/14/15	JLI	SW8260C
1,2-Dichloroethane	ND	280	ug/Kg	02/14/15	JLI	SW8260C
1,2-Dichloropropane	ND	280	ug/Kg	02/14/15	JLI	SW8260C
1,3,5-Trimethylbenzene	1500	280	ug/Kg	02/14/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	280	ug/Kg	02/14/15	JLI	SW8260C
1,3-Dichloropropane	ND	280	ug/Kg	02/14/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	280	ug/Kg	02/14/15	JLI	SW8260C
2,2-Dichloropropane	ND	280	ug/Kg	02/14/15	JLI	SW8260C
2-Chlorotoluene	ND	280	ug/Kg	02/14/15	JLI	SW8260C
2-Hexanone	ND	1400	ug/Kg	02/14/15	JLI	SW8260C
2-Isopropyltoluene	ND	280	ug/Kg	02/14/15	JLI	SW8260C 1
4-Chlorotoluene	ND	280	ug/Kg	02/14/15	JLI	SW8260C

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-3C (0-3)

Phoenix I.D.: BH73670

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	1400	ug/Kg	02/14/15	JLI	SW8260C	
Acetone	ND	1400	ug/Kg	02/14/15	JLI	SW8260C	
Acrylonitrile	ND	570	ug/Kg	02/14/15	JLI	SW8260C	
Benzene	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Bromobenzene	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Bromochloromethane	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Bromodichloromethane	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Bromoform	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Bromomethane	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Carbon Disulfide	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Carbon tetrachloride	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Chlorobenzene	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Chloroethane	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Chloroform	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Chloromethane	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	250	ug/Kg	02/14/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Dibromochloromethane	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Dibromomethane	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Ethylbenzene	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Hexachlorobutadiene	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Isopropylbenzene	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
m&p-Xylene	60	50	ug/Kg	02/14/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	120	ug/Kg	02/14/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	570	ug/Kg	02/14/15	JLI	SW8260C	
Methylene chloride	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Naphthalene	420	280	ug/Kg	02/14/15	JLI	SW8260C	
n-Butylbenzene	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
n-Propylbenzene	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
o-Xylene	250	200	ug/Kg	02/14/15	JLI	SW8260C	
p-Isopropyltoluene	420	280	ug/Kg	02/14/15	JLI	SW8260C	
sec-Butylbenzene	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Styrene	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
tert-Butylbenzene	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Tetrachloroethene	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	570	ug/Kg	02/14/15	JLI	SW8260C	1
Toluene	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Total Xylenes	310	200	ug/Kg	02/14/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	150	ug/Kg	02/14/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	570	ug/Kg	02/14/15	JLI	SW8260C	
Trichloroethene	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Trichlorofluoromethane	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
Vinyl chloride	ND	280	ug/Kg	02/14/15	JLI	SW8260C	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	02/14/15	JLI	70 - 130 %	
% Bromofluorobenzene	115		%	02/14/15	JLI	70 - 130 %	

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-3C (0-3)

Phoenix I.D.: BH73670

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Dibromofluoromethane	94		%	02/14/15	JLI	70 - 130 %
% Toluene-d8	95		%	02/14/15	JLI	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
February 18, 2015
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 18, 2015

FOR: Attn: Mr. Matt Boeckel
Associated Environmental Services
25 Central Ave.
Hauppauge, NY 11788

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/12/15	13:50
Location Code:	AESHAUP	Received by:	SW	02/13/15	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH73665
Phoenix ID: BH73671

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-5 (20-22)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	02/13/15	i	SW846
Volatiles						
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
2-Chlorotoluene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C
2-Hexanone	ND	28	ug/Kg	02/15/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C 1
4-Chlorotoluene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-5 (20-22)

Phoenix I.D.: BH73671

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	28	ug/Kg	02/15/15	JLI	SW8260C	
Acetone	ND	28	ug/Kg	02/15/15	JLI	SW8260C	
Acrylonitrile	ND	11	ug/Kg	02/15/15	JLI	SW8260C	
Benzene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Bromobenzene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Bromochloromethane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Bromodichloromethane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Bromoform	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Bromomethane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Carbon Disulfide	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Carbon tetrachloride	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Chlorobenzene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Chloroethane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Chloroform	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Chloromethane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Dibromochloromethane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Dibromomethane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Ethylbenzene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Hexachlorobutadiene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Isopropylbenzene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
m&p-Xylene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	28	ug/Kg	02/15/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	02/15/15	JLI	SW8260C	
Methylene chloride	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Naphthalene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
n-Butylbenzene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
n-Propylbenzene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
o-Xylene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
p-Isopropyltoluene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
sec-Butylbenzene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Styrene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
tert-Butylbenzene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Tetrachloroethene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	11	ug/Kg	02/15/15	JLI	SW8260C	1
Toluene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Total Xylenes	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	02/15/15	JLI	SW8260C	
Trichloroethene	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Trichlorofluoromethane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
Vinyl chloride	ND	5.6	ug/Kg	02/15/15	JLI	SW8260C	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	95		%	02/15/15	JLI	70 - 130 %	
% Bromofluorobenzene	99		%	02/15/15	JLI	70 - 130 %	

Project ID: 1120 WESTCHESTER AVE
Client ID: SB-5 (20-22)

Phoenix I.D.: BH73671

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Dibromofluoromethane	102		%	02/15/15	JLI	70 - 130 %
% Toluene-d8	93		%	02/15/15	JLI	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
February 18, 2015
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

February 18, 2015

QA/QC Data

SDG I.D.: GBH73665

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 299440, QC Sample No: BH73580 (BH73665 (500X) , BH73666 (500X) , BH73667 (250X))										
Volatiles - Soil										
Tetrachloroethene	ND	96	107	10.8	84	92	9.1	70 - 130	30	
Comment:										
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.										
QA/QC Batch 299385, QC Sample No: BH73660 (BH73671)										
Volatiles - Soil										
1,1,1,2-Tetrachloroethane	ND	112	108	3.6	93	91	2.2	70 - 130	30	
1,1,1-Trichloroethane	ND	114	114	0.0	99	97	2.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	110	104	5.6	83	83	0.0	70 - 130	30	
1,1,2-Trichloroethane	ND	105	103	1.9	89	90	1.1	70 - 130	30	
1,1-Dichloroethane	ND	107	108	0.9	94	94	0.0	70 - 130	30	
1,1-Dichloroethene	ND	120	121	0.8	95	91	4.3	70 - 130	30	
1,1-Dichloropropene	ND	112	110	1.8	94	94	0.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	106	101	4.8	87	90	3.4	70 - 130	30	
1,2,3-Trichloropropane	ND	99	97	2.0	81	80	1.2	70 - 130	30	
1,2,4-Trichlorobenzene	ND	105	100	4.9	86	88	2.3	70 - 130	30	
1,2,4-Trimethylbenzene	ND	101	98	3.0	92	90	2.2	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	113	104	8.3	80	78	2.5	70 - 130	30	
1,2-Dibromoethane	ND	111	108	2.7	92	89	3.3	70 - 130	30	
1,2-Dichlorobenzene	ND	107	104	2.8	92	91	1.1	70 - 130	30	
1,2-Dichloroethane	ND	108	107	0.9	93	92	1.1	70 - 130	30	
1,2-Dichloropropane	ND	108	106	1.9	94	92	2.2	70 - 130	30	
1,3,5-Trimethylbenzene	ND	108	104	3.8	93	92	1.1	70 - 130	30	
1,3-Dichlorobenzene	ND	106	103	2.9	91	89	2.2	70 - 130	30	
1,3-Dichloropropane	ND	102	100	2.0	91	87	4.5	70 - 130	30	
1,4-Dichlorobenzene	ND	105	100	4.9	89	89	0.0	70 - 130	30	
2,2-Dichloropropane	ND	118	114	3.4	96	97	1.0	70 - 130	30	
2-Chlorotoluene	ND	108	106	1.9	94	94	0.0	70 - 130	30	
2-Hexanone	ND	82	80	2.5	67	65	3.0	70 - 130	30	m
2-Isopropyltoluene	ND	112	108	3.6	95	95	0.0	70 - 130	30	
4-Chlorotoluene	ND	107	102	4.8	93	92	1.1	70 - 130	30	
4-Methyl-2-pentanone	ND	95	94	1.1	76	76	0.0	70 - 130	30	
Acetone	ND	91	92	1.1	61	60	1.7	70 - 130	30	m
Acrylonitrile	ND	105	108	2.8	87	83	4.7	70 - 130	30	
Benzene	ND	106	108	1.9	93	92	1.1	70 - 130	30	
Bromobenzene	ND	109	106	2.8	94	95	1.1	70 - 130	30	
Bromochloromethane	ND	104	104	0.0	90	91	1.1	70 - 130	30	
Bromodichloromethane	ND	119	114	4.3	93	94	1.1	70 - 130	30	
Bromoform	ND	120	115	4.3	85	85	0.0	70 - 130	30	
Bromomethane	ND	110	114	3.6	69	79	13.5	70 - 130	30	m
Carbon Disulfide	ND	136	137	0.7	93	91	2.2	70 - 130	30	l

QA/QC Data

SDG I.D.: GBH73665

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Carbon tetrachloride	ND	123	118	4.1	96	95	1.0	70 - 130	30	
Chlorobenzene	ND	105	105	0.0	93	91	2.2	70 - 130	30	
Chloroethane	ND	121	121	0.0	30	31	3.3	70 - 130	30	m
Chloroform	ND	107	106	0.9	94	92	2.2	70 - 130	30	
Chloromethane	ND	108	108	0.0	92	91	1.1	70 - 130	30	
cis-1,2-Dichloroethene	ND	113	112	0.9	92	97	5.3	70 - 130	30	
cis-1,3-Dichloropropene	ND	118	113	4.3	91	92	1.1	70 - 130	30	
Dibromochloromethane	ND	121	118	2.5	92	89	3.3	70 - 130	30	
Dibromomethane	ND	111	110	0.9	93	90	3.3	70 - 130	30	
Dichlorodifluoromethane	ND	118	114	3.4	97	94	3.1	70 - 130	30	
Ethylbenzene	ND	109	108	0.9	96	93	3.2	70 - 130	30	
Hexachlorobutadiene	ND	119	112	6.1	98	101	3.0	70 - 130	30	
Isopropylbenzene	ND	107	105	1.9	94	92	2.2	70 - 130	30	
m&p-Xylene	ND	103	102	1.0	92	90	2.2	70 - 130	30	
Methyl ethyl ketone	ND	93	92	1.1	72	68	5.7	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	117	110	6.2	89	88	1.1	70 - 130	30	
Methylene chloride	ND	119	122	2.5	88	87	1.1	70 - 130	30	
Naphthalene	ND	101	98	3.0	82	84	2.4	70 - 130	30	
n-Butylbenzene	ND	108	103	4.7	92	91	1.1	70 - 130	30	
n-Propylbenzene	ND	103	99	4.0	96	93	3.2	70 - 130	30	
o-Xylene	ND	105	105	0.0	94	93	1.1	70 - 130	30	
p-Isopropyltoluene	ND	106	103	2.9	93	92	1.1	70 - 130	30	
sec-Butylbenzene	ND	110	107	2.8	94	94	0.0	70 - 130	30	
Styrene	ND	104	104	0.0	93	91	2.2	70 - 130	30	
tert-Butylbenzene	ND	108	105	2.8	96	95	1.0	70 - 130	30	
Tetrachloroethene	ND	111	107	3.7	96	95	1.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	97	97	0.0	78	76	2.6	70 - 130	30	
Toluene	ND	111	110	0.9	97	96	1.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	118	117	0.9	98	97	1.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	121	115	5.1	92	93	1.1	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	114	108	5.4	81	80	1.2	70 - 130	30	
Trichloroethene	ND	111	111	0.0	96	95	1.0	70 - 130	30	
Trichlorofluoromethane	ND	116	117	0.9	45	43	4.5	70 - 130	30	m
Trichlorotrifluoroethane	ND	118	115	2.6	94	93	1.1	70 - 130	30	
Vinyl chloride	ND	107	109	1.9	104	105	1.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	97	103	100	3.0	101	103	2.0	70 - 130	30	
% Bromofluorobenzene	98	101	100	1.0	100	101	1.0	70 - 130	30	
% Dibromofluoromethane	97	102	99	3.0	103	99	4.0	70 - 130	30	
% Toluene-d8	89	102	102	0.0	100	100	0.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 299372, QC Sample No: BH73669 (BH73665, BH73666, BH73667, BH73668 (50X) , BH73669, BH73670 (50X))

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	107	105	1.9	103	101	2.0	70 - 130	30	
1,1,1-Trichloroethane	ND	106	106	0.0	101	98	3.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	127	119	6.5	106	105	0.9	70 - 130	30	
1,1,2-Trichloroethane	ND	102	102	0.0	98	97	1.0	70 - 130	30	
1,1-Dichloroethane	ND	101	100	1.0	96	96	0.0	70 - 130	30	
1,1-Dichloroethene	ND	110	108	1.8	104	103	1.0	70 - 130	30	
1,1-Dichloropropene	ND	108	107	0.9	106	104	1.9	70 - 130	30	
1,2,3-Trichlorobenzene	ND	98	95	3.1	88	87	1.1	70 - 130	30	
1,2,3-Trichloropropane	ND	100	100	0.0	87	88	1.1	70 - 130	30	

QA/QC Data

SDG I.D.: GBH73665

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2,4-Trichlorobenzene	ND	96	93	3.2	87	85	2.3	70 - 130	30	
1,2,4-Trimethylbenzene	ND	97	96	1.0	82	79	3.7	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	108	105	2.8	90	94	4.3	70 - 130	30	
1,2-Dibromoethane	ND	104	102	1.9	95	95	0.0	70 - 130	30	
1,2-Dichlorobenzene	ND	100	97	3.0	94	93	1.1	70 - 130	30	
1,2-Dichloroethane	ND	105	102	2.9	96	94	2.1	70 - 130	30	
1,2-Dichloropropane	ND	101	100	1.0	99	98	1.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	103	102	1.0	99	96	3.1	70 - 130	30	
1,3-Dichlorobenzene	ND	99	98	1.0	96	94	2.1	70 - 130	30	
1,3-Dichloropropane	ND	102	100	2.0	95	94	1.1	70 - 130	30	
1,4-Dichlorobenzene	ND	99	97	2.0	94	92	2.2	70 - 130	30	
2,2-Dichloropropane	ND	105	103	1.9	99	97	2.0	70 - 130	30	
2-Chlorotoluene	ND	101	100	1.0	99	97	2.0	70 - 130	30	
2-Hexanone	ND	87	85	2.3	67	68	1.5	70 - 130	30	m
2-Isopropyltoluene	ND	107	106	0.9	103	100	3.0	70 - 130	30	
4-Chlorotoluene	ND	99	97	2.0	95	91	4.3	70 - 130	30	
4-Methyl-2-pentanone	ND	96	94	2.1	80	80	0.0	70 - 130	30	
Acetone	ND	89	90	1.1	63	63	0.0	70 - 130	30	m
Acrylonitrile	ND	105	101	3.9	84	85	1.2	70 - 130	30	
Benzene	ND	103	101	2.0	100	98	2.0	70 - 130	30	
Bromobenzene	ND	100	98	2.0	96	95	1.0	70 - 130	30	
Bromochloromethane	ND	102	100	2.0	94	94	0.0	70 - 130	30	
Bromodichloromethane	ND	110	107	2.8	98	98	0.0	70 - 130	30	
Bromoform	ND	105	103	1.9	94	92	2.2	70 - 130	30	
Bromomethane	ND	99	97	2.0	103	98	5.0	70 - 130	30	
Carbon Disulfide	ND	124	122	1.6	102	100	2.0	70 - 130	30	
Carbon tetrachloride	ND	112	108	3.6	106	104	1.9	70 - 130	30	
Chlorobenzene	ND	101	99	2.0	99	96	3.1	70 - 130	30	
Chloroethane	ND	99	95	4.1	97	93	4.2	70 - 130	30	
Chloroform	ND	102	101	1.0	97	95	2.1	70 - 130	30	
Chloromethane	ND	96	93	3.2	92	92	0.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	104	102	1.9	98	96	2.1	70 - 130	30	
cis-1,3-Dichloropropene	ND	108	105	2.8	99	97	2.0	70 - 130	30	
Dibromochloromethane	ND	109	106	2.8	99	99	0.0	70 - 130	30	
Dibromomethane	ND	105	101	3.9	94	96	2.1	70 - 130	30	
Dichlorodifluoromethane	ND	95	91	4.3	98	96	2.1	70 - 130	30	
Ethylbenzene	ND	106	104	1.9	101	98	3.0	70 - 130	30	
Hexachlorobutadiene	ND	114	109	4.5	105	105	0.0	70 - 130	30	
Isopropylbenzene	ND	104	103	1.0	102	99	3.0	70 - 130	30	
m&p-Xylene	ND	103	101	2.0	96	93	3.2	70 - 130	30	
Methyl ethyl ketone	ND	92	93	1.1	74	75	1.3	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	101	99	2.0	89	90	1.1	70 - 130	30	
Methylene chloride	ND	107	105	1.9	85	83	2.4	70 - 130	30	
Naphthalene	ND	104	100	3.9	77	75	2.6	70 - 130	30	
n-Butylbenzene	ND	104	101	2.9	93	89	4.4	70 - 130	30	
n-Propylbenzene	ND	98	97	1.0	102	99	3.0	70 - 130	30	
o-Xylene	ND	103	101	2.0	100	98	2.0	70 - 130	30	
p-Isopropyltoluene	ND	105	103	1.9	101	99	2.0	70 - 130	30	
sec-Butylbenzene	ND	108	106	1.9	103	100	3.0	70 - 130	30	
Styrene	ND	101	98	3.0	97	95	2.1	70 - 130	30	
tert-Butylbenzene	ND	105	103	1.9	103	101	2.0	70 - 130	30	
Tetrachloroethene	ND	106	105	0.9	108	105	2.8	70 - 130	30	
Tetrahydrofuran (THF)	ND	102	97	5.0	84	84	0.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBH73665

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Toluene	ND	104	102	1.9	102	98	4.0	70 - 130	30
trans-1,2-Dichloroethene	ND	108	105	2.8	99	95	4.1	70 - 130	30
trans-1,3-Dichloropropene	ND	113	110	2.7	98	97	1.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	110	107	2.8	93	92	1.1	70 - 130	30
Trichloroethene	ND	103	100	3.0	99	98	1.0	70 - 130	30
Trichlorofluoromethane	ND	113	107	5.5	108	105	2.8	70 - 130	30
Trichlorotrifluoroethane	ND	114	112	1.8	111	108	2.7	70 - 130	30
Vinyl chloride	ND	96	94	2.1	100	98	2.0	70 - 130	30
% 1,2-dichlorobenzene-d4	101	100	101	1.0	99	100	1.0	70 - 130	30
% Bromofluorobenzene	97	100	101	1.0	100	99	1.0	70 - 130	30
% Dibromofluoromethane	99	99	102	3.0	97	99	2.0	70 - 130	30
% Toluene-d8	95	100	101	1.0	100	100	0.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.

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

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
February 18, 2015

Sample Criteria Exceedences Report

GBH73665 - AESHAUP

Criteria: NY: 375

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH73665	$8260SMR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	88000	2800	1300	1300	ug/Kg
BH73666	$8260SMR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	100000	2700	1300	1300	ug/Kg
BH73667	$8260SMR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	44000	1400	1300	1300	ug/Kg
BH73668	$8260SMR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	320	20	20	ug/Kg
BH73668	$8260SMR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	50	50	ug/Kg
BH73668	$8260SMR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	320	50	50	ug/Kg
BH73668	$8260SMR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	320	60	60	ug/Kg
BH73668	$8260SMR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	320	20	20	ug/Kg
BH73670	$8260SMR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	20	20	ug/Kg
BH73670	$8260SMR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1400	50	50	ug/Kg
BH73670	$8260SMR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	50	50	ug/Kg
BH73670	$8260SMR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	60	60	ug/Kg
BH73670	$8260SMR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	20	20	ug/Kg
BH73670	$8260SMR	Total Xylenes	NY / 375-6.8 Volatiles / Unrestricted Use Soil	310	200	260	260	ug/Kg

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

February 18, 2015

SDG I.D.: GBH73665

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

Cooler: Yes ☐ No ☐
Coolant: IPK ☐ ICE ☐ No ☐

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Temp °C Pg of

Contact Options:
☐ Fax:
☐ Phone:
☒ Email: matth@associatedenvsvcs

Customer: Associated Environmental Services
Address: 25 Central Avenue
Hauppauge NY

Project: 1120 Westchester Ave
Report to: ACS
Invoice to: ACS

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 2/12/15

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request: EPA 8260

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (4) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
736665	SB-1A (0-3)	S	2/12/15	10:00	X			X						
736666	SB-1B (0-3)			10:15										
736667	SB-1C (0-3)			10:30										
736668	SB-3A (0-3)			11:00										
736669	SB-3B (0-3)			11:20										
736670	SB-3C (0-3)			11:40										
736671	SB-5 (20-22)			1:50										

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2-13-15	10:48
[signature]	[signature]	2/13/15	16:30

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ TAGM 4046 GW
☐ TAGM 4046 SOIL
☒ NY375 Unrestricted Use Soil
☐ NY375 Residential Soil
☐ Restricted/Residential
☐ Commercial
☐ Industrial

Data Format
☐ Phoenix Std Report
☒ Excel
☒ PDF
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

State where samples were collected: NY

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other