POST-REMEDIATION QA CONFIRMATORY ENVIRONMENTAL SITE INVESTIGATION REPORT (SIR)
2101 & 2103 PALMER AVENUE, LARCHMONT, WESTCHESTER COUNTY, NEW YORK

PREPARED FOR:

WILDER BALTER PARTNERS, INC.
570 TAXTER ROAD, SIXTH FLOOR
ELMSFORD, NEW YORK 10523

PREPARED BY:

TECTONIC ENGINEERING & SURVEYING CONSULTANTS P.C.
70 PLEASANT HILL ROAD
MOUNTAINVILLE, NEW YORK 10953

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PETER T. SUTHERLAND, P.E. NO 075840

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1.0 INTRODUCTION

On behalf of Wilder Balter Partners, Inc., Tectonic Engineering & Surveying Consultants P.C. (Tectonic) has prepared this Post-Remediation Quality Assurance (QA) Confirmatory Environmental Site Investigation Report (SIR). This SIR was prepared as result of a post-remediation quality assurance confirmatory environmental site investigation performed by Tectonic pertaining to remedial action conducted on the subject Property in connection with New York State Department of Environmental Conservation (NYSDEC) Spill #1006787. The post-remedial confirmatory QA investigation was scoped to investigate the effectiveness of remedial actions at the site by the remediation contractor of the current property owner, Larchmont Realty, LLC. A key part of the remedial actions of HydroEnvironmental Solutions, Inc. (HES) was the installation of a polyethylene barrier to prevent the future migration of petroleum hydrocarbons onto the Site from adjacent parcels that may not have been remediated at the time of the remediation of the subject Property. (Information is pending a May 1, 2012 Freedom of Information Law (FOIL) request with NYSDEC). The remediation area is situated within a parcel of land located at 2101 and 2103 Palmer Avenue in Larchmont, Westchester County, New York (the "Property"). Specifically, within the subject Property the spill is located along the eastern Property boundary (the "Site"). Spill remediation activities at the Site were performed by HES in the latter half of 2011.

Post-remediation confirmatory QA sampling and analysis was performed on the in-situ soil located in the remediation area. Groundwater samples were also collected and analyzed from monitoring wells installed as part of this investigation. The field implementation of this post-remediation confirmatory QA investigation was performed on April 19, 2012 and April 20, 2012. Using the field observations from the investigation and the analytical results, Tectonic evaluated the apparent effectiveness of the remedial activities at the site.

2.0 SITE BACKGROUND AND DOCUMENT REVIEW

Tectonic was retained by Wilder Balter Associates in August 2010 to perform a geotechnical investigation on the subject parcel for a proposed multi-family residential development. During the subsurface investigation, Tectonic encountered apparently

petroleum contaminated soil on the subject Property during our geotechnical investigation for the proposed site development in September 2010. Tectonic's geotechnical subsurface investigation which included the excavation of eight (8) test pits and seven (7) geotechnical borings at various locations on the Property. During this subsurface investigation, petroleum was observed seeping from the walls of test pit TP-7. Additionally, petroleum odors were observed in test pit TP-6 and at boring B-7.

Based on the field observations from the geotechnical investigation, Tectonic performed a limited Phase II ESA in order to provide a preliminary delineation of the area affected by the petroleum contamination and to detect possible indications of probable source(s) ("hot spot") of the petroleum. The limited Phase II ESA indicated the petroleum contamination appeared to be on the eastern portion of the Property and roughly confined to an area that had been fenced off for trailer storage (See Figure 1). Tectonic reported to NYSDEC spills hotline that a petroleum spill was likely present at or near the site and NYSDEC assigned spill number 1006787 to the property.

In response to Tectonic's findings, the current property owner, Larchmont Realty, LLC retained HydroEnvironmental Solutions, Inc. (HES) of Somers, New York to investigate the site and then remediate the contaminated soil and groundwater at the Site. After completion of a remedial investigation by HES and submittal of a Site investigation Report to NYSDEC, site remediation began in July of 2011 and was completed in November 2011. HES prepared and submitted a Spill Remediation Report to NYSDEC in December 2011 that summarizes the remedial activities including end sampling results from soil and groundwater samples.

As part of the QA Confirmatory investigation, Tectonic reviewed the December 2011 HES Spill Remediation Report (SRR) for the subject Property that was provided by the current property owner Larchmont Realty, LLC to the potential purchaser Wilder Balter Associates. According to the SRR prepared by HES, dated December 2011, remediation activities included the installation of nineteen (19) dewatering wells and installation and operation of a dewatering water treatment system that discharged treated groundwater to a public sewer. The remedial contractor excavated the soils in

the impacted area and stockpiled overburden material and petroleum contaminated soil. The petroleum contaminated soil was shipped offsite to a Pure Earth facility for disposal. Prior to backfilling, a polyethylene barrier was installed along the southern and eastern sidewalls of the excavation to prevent the future migration of petroleum hydrocarbons onto the Site following remediation. According to verbal conversations with HES, a layer of "pond bottom" material was also placed at the bottom of the excavation, but this layer is not documented in the SRR. The backfill material was comprised of soils previously stockpiled on the Property. The stockpiled soil was sampled and tested by HES prior to backfilling. Additionally, HES performed soil and groundwater sampling and analysis to comply with the project Remedial Action Workplan (RAW) and the Westchester County Department of Environmental Facilities (WCDEF) discharge permit. Based on our review of the SRR, Tectonic has the following comments and concerns regarding the remedial actions:

- The end samples for the remedial excavation indicate that volatile organic compounds (VOCs) are present in the sidewall and excavation bottom samples. The VOC concentrations are below applicable guidance values, except for one VOC in sample SS-6. The continuing presence of VOCs in the soils at the site, even at low levels, presents a potential vapor intrusion concern for the proposed multi-family residential development.
- The end samples for the remedial excavation indicate that semi-volatile organic compounds (SVOCs) have concentrations below the laboratory reporting limits. It is important to note though that the samples were diluted and the reporting limits are in many samples higher than the applicable soil cleanup level. Analytical laboratories typically dilute samples when they are moderately to heavily contaminated, and therefore those samples with elevated SVOC reporting limits could still be contaminated above NYS standards.
- The analytical test results for SVOCs from the stockpiled overburden soils used to backfill the excavation were not properly reported in the narrative and tables of the report. The narrative indicates that two soil samples were collected from the overburden stockpile that was proposed for use as backfill material. The summary table for these results, Table 4, lists seven (7) SVOCs and compares the results to standards. Three (3) of the six compounds were below method

detection limits and the other four listed SVOC compounds are well below their respective standards. On page 7 of the SRR, HES indicates that the detected levels of SVOCs were below their respective SCLs. However, when the attached laboratory data package was reviewed additional SVOCs were present including several about their respective CP-51 soil cleanup levels (SCLs). In sample Overburden SS#1, the following seven (7) compounds exceeded their respective CP-51 SCLs:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(k)fluoranthene
- Chrysene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene

In sample Overburden SS#2, the following two (2) compounds exceeded their respective CP-51 SCLs:

- Benzo(a)anthracene
- Chrysene

As the above SVOC results were not presented or discussed in the report, Tectonic is not clear on HES' rationale for their analysis or whether NYSDEC would have accepted this material as backfill for the site.

3.0 SUBSURFACE INVESTIGATION

On April 19, 2012, Tectonic mobilized a van mounted Geoprobe drill rig operated by General Borings, Inc. to advance four (4) soil borings. A representative of HES was present prior to the start of drilling activities to assist Tectonic's environmental engineer with locating the borings such that the previously described polyethylene barrier and reported soil liner at the remedial excavation bottom would not be damaged by the soil boring activity. A Tectonic environmental engineer performed full-time inspection during the advancement of the soil borings. Boring operations were also observed by a representative of HES.

A total of four (4) borings were advanced during this field inspection. Three (3) were located within the remediation area and ranged in depths from approximately four feet to approximately seven feet below existing ground surface. The remaining one (1) boring was located immediately north of the remediation area and was advanced to refusal, which was obtained at approximately eight feet four inches below existing ground surface. Samples were collected in four (4)-foot increments using a Macro Core Sampler. The sampler has a removable cutting shoe and contains an acetate liner. After penetrating the subsurface to the required depth, the sampler was withdrawn and the acetate liner opened to expose soils from that sampling interval. Soils were characterized using the USCS soil classification system and boring logs were constructed. Additionally, the soils contained on the acetate liner were screened with a MiniRAE 2000 Photo-Ionization Detector (PID) for the presence of Volatile Organic Compounds (VOCs). The PID was calibrated with isobutylene following the manufacturer's instructions prior to its use. PID levels and olfactory observations were recorded on the boring logs. Boring logs are included as Appendix I.

3.1 FIELD SOIL OBSERVATIONS

Soil borings B-1, B-3, and B-4 were within the remediation area, while boring B-2 was located north of and immediately adjacent to the remediation area. Boring locations are shown on the attached Figure I. PID readings and visual/olfactory observations of the soil samples were recorded on the boring logs prepared during this investigation. Copies of the boring logs that detail the subsurface conditions are included as Appendix I. A summary of the field observations is provided below.

Soils from all of the borings consisted of sand with up to 35 percent silt and varying amounts of gravel and appeared to be fill material. No native soils were encountered during this investigation.

The soils from boring B-3, located in the southeastern portion of the remediation area, did not exhibit odors, staining or have PID readings indicative of petroleum contamination. The soils from borings B-1, B-2, and B-4 did contain odors,

staining and PID readings that would indicate the presence of petroleum hydrocarbons. Table 1 summarizes the highest OVM readings measured in each boring and the depth below ground surface the readings were observed.

TABLE 1.
HIGHEST PID READING BY BORING

Boring Number	Highest PID Reading (ppm)	Approximate Depth Below Existing Grade of Highest PID Reading (Feet)
B-1	13.2	6.5
B-2	121	4.5
B-3	0.0	0 to 4
B-4	6.1	3.5

3.2 SOIL SAMPLING

A total of five (5) soil samples were collected from the four (4) soil borings for laboratory analysis utilizing disposable sampling equipment. Two (2) samples were collected from boring B-1 and one (1) sample was collected from each of the other borings. The sampling interval and sampling rationale for each Tectonic sample is summarized in Table 2.

TABLE 2.
SAMPLING INTERVAL

Sample Id	Boring	Sampling Interval (Depth below ground surface (ft))	Sampling Rationale
B-1, 3.5	B-1	3 to 4	Soils just above water table
B-1, 6.5	B-1	6 to 7	Highest OVM reading
B-2, 4	B-2	3.5 to 4.5	Highest OVM reading
B-3, 3.5	B-3	3 to 4	Soils just above water table
B-4, 3.5	B-4	3 to 4	Soils just above water table

Grab samples, collected for Volatile Organic Compound (VOC) analysis, were obtained using an Encore sampler from the approximate center of the indicated

sampling interval. Samples collected for the remaining analysis were a composite of the soils contained within the indicated sampling interval. These composite samples were collected via disposable sampling equipment and placed into laboratory cleaned glassware. All of the soil samples, grab and composite, were placed into a cooler on ice. Soil samples were sent via standard chain of custody protocol to Phoenix Environmental Laboratories, Inc. in Manchester, CT for analysis.

HES collected a soil sample from the remaining material from boring B-1 from the depth interval of 3.5 to 7 feet below ground surface. HES also collected a soil sample from boring B-2 from the depth interval of 4 to 7 feet below ground surface.

3.3 GROUNDWATER SAMPLING

As shown in Figure I, two (2) groundwater monitoring wells were installed in conjunction with this subsurface investigation, one (1) monitoring well was installed at the boring located at B-1, designated as MW-1 and one (1) was installed in the boring located at B-2, designated MW-2. The wells were constructed with 1-inch PVC with flush mount casings. After installation, the wells were purged of approximately three standing well volumes of water using a dedicated plastic bailer and left to recharge overnight. The following day, April 20, 2012, groundwater samples were collected from each monitoring well with a designated plastic bailer, placed into laboratory cleaned glassware and into a cooler on ice. Water samples were sent via standard chain of custody protocol to Phoenix Environmental Laboratories, Inc. in Manchester, CT for analysis. Results of the laboratory analysis are discussed in Section 4.0 of this report.

Groundwater levels were measured from existing accessible dewatering wells that were installed previously by HES, two monitoring wells previously installed by HES in the remediation area, and from the two (2) monitoring wells installed by Tectonic as part of this investigation. Well locations are shown on Figure 1. Note that the dewatering wells installed by HES were named by Tectonic for the

purposes of identifying them in this report. Groundwater levels were obtained using a Solonist Model 122 Oil/Water Interface Meter.

A half inch of free petroleum product was detected by the water/oil interface meter in the well installed by HES and designated as HES MW-1 on Figure 1. Approximately 6 inches of free product was detected by the water/oil interface meter at the dewatering well installed by HES and designated as DN4 on Figure 1. No free product was detected in any of the other wells. Petroleum odors were noted in the wells installed at B-1 (MW-1) and B-2 (MW-2). Depths to groundwater and thickness of product encountered at the various monitoring wells across the remediation area are summarized in the Table 3 below.

TABLE 2.
DEPTH TO GROUNDWATER

Well Number (or location)	Approx. Depth to Product	Approx. Depth to Groundwater	Approx. Thickness of Product
HES MW-1	5 feet	5 feet ½ inch	0.5 inch
HES MW-2	Not Encountered	5 feet	0
B-1 (MW-1)	Not Encountered	5 feet	0
B-2 (MW-2)	Not Encountered	5 feet 8 inches	0
B-3	Not Encountered	3 feet 6 inches	0
B-4	Not Encountered	4 ft	0
DN1	Not Encountered	6 feet 6 inches	0
DN2	Not Encountered	6 feet	0
DN3	Not Encountered	5 feet 6 inches	0
DN4	5 feet	5 feet 6 inches	6 inches
DS1	Not Encountered	5 feet 6 inches	0
DS2	Not Encountered	5 feet 3 inches	0
DS3	Not Encountered	5 feet	0
DS4	Not Encountered	4 feet 7 inches	0
DS5	Not Encountered	4 feet 4 inches	0

4.0 ANALYTICAL TEST RESULTS

The five (5) soil samples and two (2) water samples sent to Phoenix Environmental Laboratories were analyzed for Volatile Organic Compounds (VOCs) by EPA Method 8260B and Semi-volatile organic compounds (SVOCs) by EPA Method 8270C. Phoenix Environmental Laboratories is NY ELAP approved laboratory. The results of

the laboratory analysis are detailed below, and the laboratory analytical results are included in Appendix II.

4.1 Soil Analytical Test Results

Soil analytical results were compared to the Soil Clean-Up Levels (SCLs) set forth in New York State Department of Environmental Conservation Final Commissioner Policy, CP-51 (CP-51). The analytical test results for the soil samples are summarized below in Table 4. For all the samples, the concentrations above the standards set forth in CP-51 are indicated in bold and highlighted in yellow.

Volatile Organic Compounds

No VOCs were detected in the samples obtained from the borings performed at B-2, B-3, and B-4. No VOCs were detected in the sample obtained from B-1 in the 3.5' sampling interval. Six (6) VOCs were detected in the sample obtained from B-1 in the 6.5' sampling interval and included: 2-isopropyltoluene, isopropylbenzene, n-butylbenzene, n-propylbenzene, sec-butylbenzene, and tert-butylbenzene. VOC concentrations in the sample obtained from boring B-1 in the 6.5' sampling interval were above laboratory reporting limits but below their respective CP-51 SCLs.

Semi-Volatile Organic Compounds

Seven (7) SVOCs, benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chysene, fluoranthene, phenanthrene, and pyrene were detected in the soil sample obtained from B-1 in the 3.5 foot interval. Of these, three (3) SVOCs, fluoranthene, phenanthrene, and pyrene were above the laboratory reporting limits, but were below their respective CP-51 SCLs. The remaining four (4) compounds; benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and chrysene were above their respective CP-51 SCLs. Six (6) SVOCs; benz(a)anthracene, benzo(b)fluoranthene, chrysene, fluoranthene, phenanthrene and pyrene were detected above laboratory reporting limits in the sample

collected from B-1 in the 6.5' interval but were below their respective CP-51 SCLs.

The analytical test results indicated that there were no SVOCs present above laboratory reporting limits in the sample obtained from boring at B-2. It should be noted however, that the laboratory comments for this sample indicate that due to matrix interference and/or the presence of a large amount of non-target material in the sample, elevated reporting levels were reported for the semi-volatile analysis. As the reporting limits are greater than SCLs for many of the SVOCs, the results of the semi-volatile analysis from B-2, 4 should therefore be considered inconclusive.

Three (3) SVOCs; benzo(b)fluoranthene, fluoranthene, and pyrene; were detected above laboratory reporting limits, but below the CP-51 SCLs in the sample collected from boring B-3.

The analytical test results from boring B-4 indicated that there were twelve (12) SVOCs detected in the sample. Of these, eight (8) SVOCs; anthracene, benz(a)anthracene, benzo(g,h,i)perylene, benzo(k)fluoranthene, bis(2-ethylhexyl)phthalate, indeno(1,2,3-cd)pyrene, phenanthrene, and pyrene, were above the laboratory reporting limits, but were below the respective CP-51 standards. The remaining four (4) SVOCs detected in this sample; benzo(a)pyrene, benzo(b)fluoranthene, chrysene, and fluoranthene, were above the standards set forth in CP-51.

4.2 Groundwater Analytical Test Results

Groundwater analytical test results were compared to the values set forth in the New York State Division of Water Technical and Operational Guidance Series (1.1.1) (T.O.G.S. 1.1.1.) Table 5 - Groundwater Effluent Limitations (Class GA) and are summarized in Table 5 below. Copies of the laboratory results are included in Appendix III. The analytical test results indicate that the groundwater samples obtained from MW-1 (B-1) contained concentrations of one (1) VOC; 2-

isopropyltoluene, above the laboratory report limit but below the T.O.G.S. 1.1.1 guidance concentration. Laboratory analytical test results indicate that the groundwater samples obtained from MW-2 (B-2) contained concentrations of seven (7) VOCs; 2-isopropyltoluene, isopropylbenzene, naphthalene, n-butylbenzene, n-propylbenzene, sec-butylbenzene, and tert-butylbenzene above laboratory reporting limits. Of these seven VOCs, two (2) VOCs; n-butylbenzene and sec-butylbenzene, were above their respective T.O.G.S. 1.1.1 guidance values.

According to the analytical test results there were six (6) SVOCs; benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene, that were detected above their respective T.O.G.S. 1.1.1 guidance values in the samples from both MW-1 (B-1) and MW-2 (B-2). The analytical test results further indicated that there were concentrations of the SVOC dibenz(a,h)anthracene in the samples from MW-1 (B-1) and MW-2 (B-2) that were above the laboratory reporting limit but below the T.O.G.S. 1.1.1 guidance values.

TABLE 4. ANALYTICAL TEST RESULTS SUMMARY TABLE - SOILS						
Sample ID	**NY CP-51**	**B-1, 3.5**	**B-1, 6.5**	**B-2, 4**	**B-3, 3.5**	**B-4, 3.5**
Lab Sample Number	**Soil Clean Up Levels (SCLs)**	**BB74818**	**BB74822**	**BB74819**	**BB74820**	**BB74821**
Sampling Date		**4/19/12**	**4/19/12**	**4/19/12**	**4/19/12**	**4/19/12**
Sampling Depth (Below Ground Surface)		**3.5 Feet**	**6.5 Feet**	**4.0 Feet**	**3.5 Feet**	**3.5 Feet**
Matrix		**Soil**	**Soil**	**Soil**	**Soil**	**Soil**
Units	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**
Compound						
Volatile Organic Compounds (VOCs)						
2-Isopropyltoluene	NS	ND	0.080	ND	ND	ND
Isopropylbenzene	2.3	ND	0.031	ND	ND	ND
n-Butylbenzene	12.0	ND	0.110	ND	ND	ND
n-Propylbenzene	3.9	ND	0.055	ND	ND	ND
sec-Butylbenzene	11.0	ND	0.150	ND	ND	ND
Tert-Butylbenzene	5.9	ND	0.030	ND	ND	ND
Semivolatile Organic Compounds (SVOCs)						
Anthracene	100	ND	ND	ND	ND	0.4
Benz(a)anthracene	1.0	**1.5**	0.26	ND(1)	ND	0.98
Benzo(a)pyrene	1.0	**1.4**	ND	ND(1)	ND	**1**
Benzo(b)fluoranthene	1.0	**2.1**	0.40	ND(1)	0.36	**1.6**
Benzo(g,h,i)perylene	100	ND	ND	ND	ND	0.42
Benzo(k)fluoranthene	0.8	ND	ND	ND(1)	ND	0.48
Bis(2-ethylhexyl)phthalate	NS	ND	ND	ND	ND	0.29
Chrysene	1.0	**1.4**	0.32	ND(1)	ND	**1.2**
Fluoranthene	100	4.0	0.57	ND	0.39	**2.3**
Indeno(1,2,3-cd)pyrene	0.5	ND	ND	ND(1)	ND	0.43
Phenanthrene	100	2.3	0.49	ND	ND	1.3
Pyrene	100	3.7	0.54	ND	0.40	2.0

NS = No Standard
ND = Not Detected
1.5 = Exceeds NY CP-51 SCLs for Fuel Oil Contaminated Soils (Table 3)
(1) – Note laboratory reporting limit is greater than SCLs

TABLE 5. ANALYTICAL TEST RESULTS SUMMARY TABLE - GROUNDWATER			
Sample ID	**T.O.G.S.**	**MW-1 (B-1)**	**MW-2 (B-2)**
Lab Sample Number	**Groundwater Effluent Limitations (Class GA)**	**BB75530**	**BB775531**
Sampling Date		**4/20/11**	**4/20/12**
Matrix		**Water**	**Water**
Units	**ug/L**	**ug/L**	**ug/L**
Compound			
Volatile Organic Compounds (VOCs)			
2-Isopropyltoluene	5	1.1	3.9
Isopropylbenzene	5	ND	4.6
Naphthalene	10	ND	3.3
n-Butylbenzene	5	ND	**7.4**
n-Propylbenzene	5	ND	2.2
sec-Butylbenzene	5	ND	**13**
tert-Butylbenzene	5	ND	4.6
Semivolatile Organic Compounds (SVOCs)			
Benz(a)anthracene	0.002	**1.6**	**2.2**
Benzo(a)pyrene	ND	**1.4**	**1.9**
Benzo(b)fluoranthene	0.002	**2.1**	**3**
Benzo(k)fluoranthene	0.002	**0.9**	**1.1**
Chrysene	0.002	**2.3**	**3.8**
Dibenz(a,h)anthracene	NS	0.4	0.4
Indeno(1,2,3-cd)pyrene	0.002	**0.9**	**1.2**
Phenanthrene	50	6.6	20

NS = No Standard
ND = Not Detected
MDL = Method Detection Limit
1.5 = Exceeds NY Division of Water Technical and Operational Guidance Series (1.1.1) Values (T.O.G.S.) for Class GA water

5.0 FINDINGS

The findings of our post-remediation QA confirmatory environmental site investigation conducted on April 19, 2012 and April 20, 2012 are as follows:

- Field observations indicate that the soils within borings B-1, B-2 and B-4 are impacted by petroleum hydrocarbons. Elevated PID readings were observed in the subsurface soils at borings B-1, B-2, and B-4. Borings B-1 and B-4 were located within the remediation area and boring B-2 was located immediately north of the remediation area.

- Analytical test results for the soil samples taken from B-1 and B-4 indicate that there are concentrations of several SVOCs above their respective CP-51 SCls.

- Analytical test results from the boring performed at B-3 indicate that SVOCs were present in the sampled soils. However, SVOC concentrations at this location were below their respective CP-51 SCLs.

- Analytical test results from the boring performed at B-2 indicate that something in the soil matrix interfered with the analysis for SVOCs which resulted in abnormally high laboratory reporting limits for SVOCs. Although no SVOCS were detected, the reporting limits were greater than their respective CP-51 SCLs and therefore the results are inconclusive. Considering the high PID readings of the soil and strong petroleum odor noted in the field, these soils should be considered to be contaminated above standards unless further testing indicates otherwise.

- The analytical test results indicate that VOC concentrations from the groundwater sample obtained from the monitoring well located at M-2 (B-2) were above T.O.G.S 1.1.1 Guidance Values.

- Analytical test results indicate that SVOC concentrations above T.O.G.S. 1.1.1 Guidance Values were indicated in the groundwater samples from monitoring well M-1 (B-1), located in the southeast corner of the remediation area, and from monitoring well M-2 (B-2), north of the remediation area.

- Approximately ½ inch of free petroleum product was detected by the oil/water interface meter in the HES monitoring well HES MW-1, located near the southern perimeter of the remediation area on the downgradient (subject Property) side of the polyethylene barrier.

- Approximately six (6) inches of free petroleum product was detected by the oil/water interface meter in the HES dewatering well designated as DN-4, located adjacent to the northern perimeter of the remediation area.

6.0 CONCLUSIONS

The following are our conclusions based on the findings our post-remediation QA confirmatory environmental site investigation and our review of HES's Site Remediation Report:

- Evidence of petroleum contamination was found during this post-remediation confirmatory QA investigation in the soils used as backfill material in the remediation area at the Site and in the groundwater.

- Based on the testing performed by HES during remediation, the fill used to backfill the remedial excavation did not meet NYS petroleum cleanup

standards. Additionally, free petroleum product and contaminated groundwater appear to have migrated onto the property, likely from an off-site source, which is spreading petroleum contamination on the Property. Due to the similar nature of the contamination, differentiating between the two sources of contamination in any soil sampling results is difficult.

- Residual petroleum contamination was still present in the sidewalls and floor of the remedial excavation. The low levels of volatile organic compounds in these soils and the VOCs found dissolved in the groundwater on site have the potential for creating vapor intrusion concerns for the proposed development project.

7.0 RECOMMENDATIONS

Based on our findings and conclusions, Tectonic recommends the following:

- Spill closure reports for the two nearby upgradient spills should be obtained from NYSDEC and reviewed to determine what remedial measures were implemented to assess what is known relative to potential sources and the extent of off-site remediation activities.

- Due to the confirmed presence of elevated concentrations of VOCs and SVOCs in the groundwater at the Site and the confirmed presence of elevated concentrations of SVOCs in soils located in the remediation area of the Property, further investigation is recommended to evaluate other possible sources or affected areas that could be contributing to the contamination of the Property. In addition to the two apparent upgradient properties that Tectonic has submitted FOIL requests to NYSDEC, this includes investigating the adjacent Metro-North property as a source or potentially affected area causing petroleum to migrate back onto the site.

- NYSDEC should be notified of the findings of this investigation and discussions should be held with NYSDEC about project impacts to the site by off-site sources.

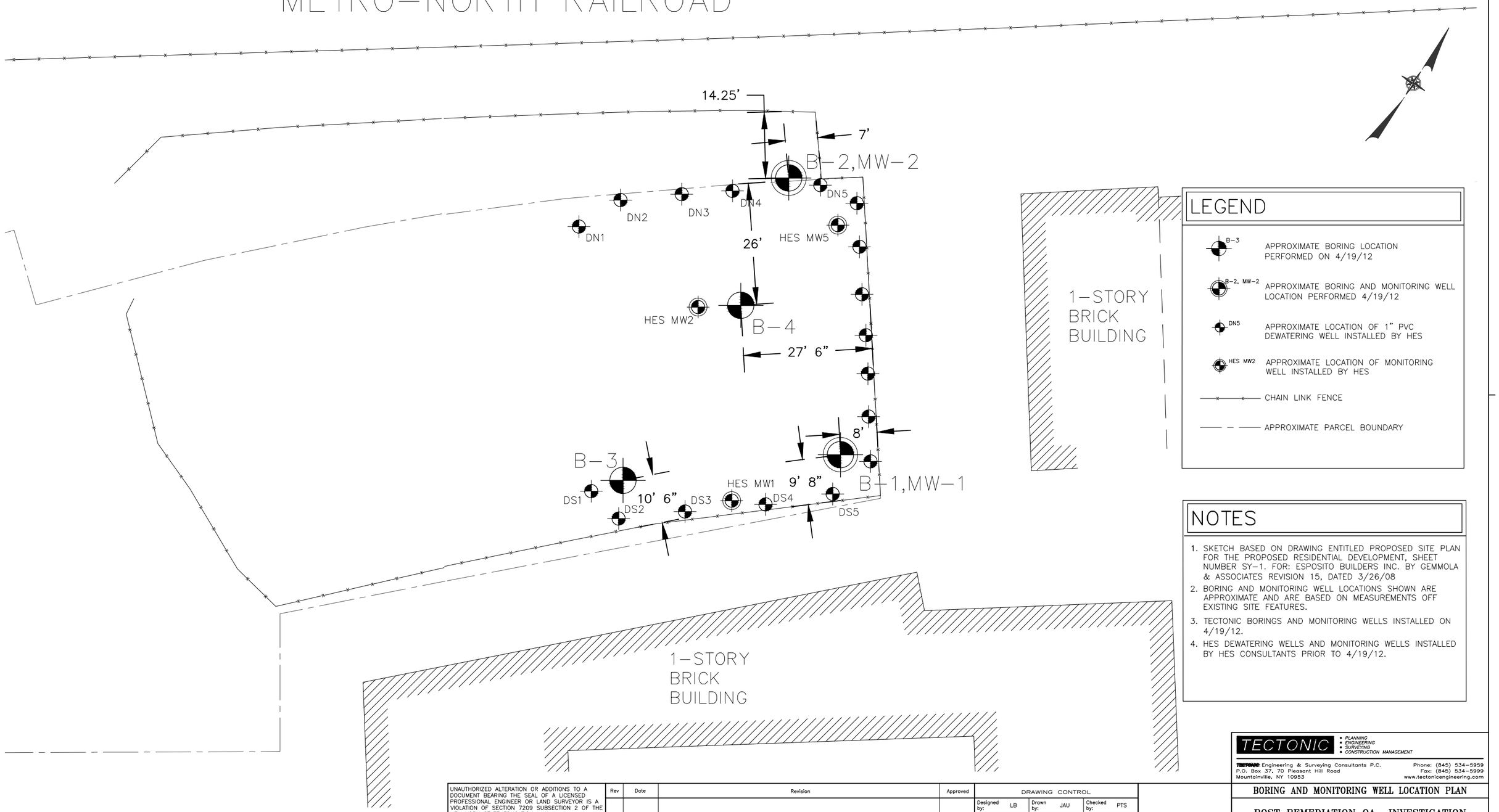
- Vapor intrusion mitigation measures should be installed during construction in all structures of the proposed residential development project.

8.0 LIMITATIONS

The Post-Remediation Quality Assurance Confirmatory Environmental Site Investigation services provided by Tectonic have been performed in general accordance with an our understanding of the Client's needs to make a business decision based on a practical scope of work and level of investigation that is commensurate with the nature of the proposed project. These services have been provided as part of an iterative, phased

approach to site characterization using findings of each phase to better define the efforts of subsequent phases of investigation. Our professional services have been performed using the degree of care and skill ordinarily exercised under similar circumstances by reputable environmental engineers and geologists practicing in this or similar situations. Our interpretation of the field data is based on good judgment and experience. However, no matter how qualified the environmental engineer or detailed the investigation, subsurface conditions cannot always be predicted beyond the points of actual sampling and testing. No other warranty, expressed or implied, is made as to the professional advice included in this report.

FIGURE 1



LEGEND

- B-3 — APPROXIMATE BORING LOCATION PERFORMED ON 4/19/12
- B-2, MW-2 — APPROXIMATE BORING AND MONITORING WELL LOCATION PERFORMED 4/19/12
- DN5 — APPROXIMATE LOCATION OF 1" PVC DEWATERING WELL INSTALLED BY HES
- HES MW2 — APPROXIMATE LOCATION OF MONITORING WELL INSTALLED BY HES
- CHAIN LINK FENCE
- APPROXIMATE PARCEL BOUNDARY

NOTES

1. SKETCH BASED ON DRAWING ENTITLED PROPOSED SITE PLAN FOR THE PROPOSED RESIDENTIAL DEVELOPMENT, SHEET NUMBER SY-1. FOR: ESPOSITO BUILDERS INC. BY GEMMOLA & ASSOCIATES REVISION 15, DATED 3/26/08
2. BORING AND MONITORING WELL LOCATIONS SHOWN ARE APPROXIMATE AND ARE BASED ON MEASUREMENTS OFF EXISTING SITE FEATURES.
3. TECTONIC BORINGS AND MONITORING WELLS INSTALLED ON 4/19/12.
4. HES DEWATERING WELLS AND MONITORING WELLS INSTALLED BY HES CONSULTANTS PRIOR TO 4/19/12.

0 1 2 3
ORIGINAL SIZE IN INCHES

Rev	Date	Revision	Approved

DRAWING CONTROL

Designed by: LB	Drawn by: JAU	Checked by: PTS

Purpose	Released by	Date
○ For Comment		
○ For Approval		
○ For Bid		
○ For Construction		

TECTONIC
• PLANNING
• ENGINEERING
• SURVEYING
• CONSTRUCTION MANAGEMENT

~~TECTONIC~~ Engineering & Surveying Consultants P.C.
P.O. Box 37, 70 Pleasant Hill Road
Mountainville, NY 10953
Phone: (845) 534-5959
Fax: (845) 534-5999
www.tectonicengineering.com

BORING AND MONITORING WELL LOCATION PLAN

POST REMEDIATION QA INVESTIGATION
2101 & 2103 PALMER AVENUE
LARCHMONT, NEW YORK

Date	Work Order	Drawing No.	Rev
5/9/12	5669.03	FIGURE 1	
Scale 1" = 10'			

APPENDIX I

TECTONIC *ENGINEERING & SURVEYING CONSULTANTS P.C.*

PROJECT No. **5669.03**
PROJECT: **Larchmont Apartments**
LOCATION: **Larchmont, NY**

BORING No. B-1

SHEET No. 1 of 1

CLIENT: **Wilder Balter Partners, Inc.**
CONTRACTOR: **General Borings, Inc.**
METHOD OF ADVANCING BORING | DIA. | DEPTH
POWER AUGER: | | TO
ROT. DRILL: | | TO
CASING: | | TO
DIAMOND CORE: | | TO
Geoprobe 2" 0 TO 7'

GROUND WATER	DATE	TIME	DEPTH
	4/19/12	12:22 pm	5.4'
	4/20/12	11:30 am	4.8'

MON. WELL [X] YES [ ] NO
SCREEN DEPTH: **2** TO **7'**
WEATHER: **Clear** TEMP: **65° F**
DEPTH TO ROCK: **Not Encountered'**
*CHANGES IN STRATA ARE INFERRED

INSPECTOR: **Lori Bart**
DRILLER: **Jim Casson**
SURFACE ELEVATION: **---**
DATUM: **See Remarks**
DATE START: **4/19/12**
DATE FINISH: **4/19/12**

UNCONFINED COMPRESS. STRENGTH (TONS/FT) 1 2 3 4 5
PLASTIC LIMIT % / WATER CONTENT % / LIQUID LIMIT % 10 20 30 40 50
STANDARD PENETRATION (BLOWS/FT.) 10 20 30 40 50

DEPTH (FT.)	N OR MIN./FT.	PENETRATION RESISTANCE (BL/6 IN.)	SAMPLES: SAMPLE NUMBER	RECOV.: LENGTH (IN.)	RECOV.: RQD (%)	MOISTURE	UNIFIED SOIL CLASS.	DESCRIPTION OF MATERIAL	LITHOLOGY*
1-4			B-1, 35'	27/48		M	SP	22" Dk bwn c-f SAND, some Gravel, trace Silt (0.0ppm) (FILL) 5" Same (Brick pieces) (4.8ppm) (FILL) (slight odor)	
5			B-2, 6.5'	17/36		M	SP	Same (FILL) (10.9ppm)	
6-7							SM	3" Bwn c-f SAND, little Silt, trace Gravel (13.2ppm) (FILL) (petroleum odor) Refusal @ 7'	
								End of Boring at 7'	

REMARKS:

BORING LOG 5669-03.GPJ TECTONIC ENG.GDT 5/7/12

TECTONIC *ENGINEERING & SURVEYING CONSULTANTS P.C.*

PROJECT No. **5669.03**
PROJECT: **Larchmont Apartments**
LOCATION: **Larchmont, NY**

BORING No. B-2

SHEET No. 1 of 1

CLIENT: **Wilder Balter Partners, Inc.**
CONTRACTOR: **General Borings, Inc.**

METHOD OF ADVANCING BORING	DIA.	DEPTH
POWER AUGER:		TO
ROT. DRILL:		TO
CASING:		TO
DIAMOND CORE:		TO
Geoprobe	3"	0 TO 8.4'

GROUND WATER	DATE	TIME	DEPTH
	4/20/12	**11:30 am**	**5.8'**

MON. WELL ☒ YES ☐ NO
SCREEN DEPTH: **3.4** TO **8.4'**
WEATHER: **Clear** TEMP: **65° F**
DEPTH TO ROCK: **Not Encountered'**
*CHANGES IN STRATA ARE INFERRED

INSPECTOR: **Lori Bart**
DRILLER: **Jim Casson**
SURFACE ELEVATION: **---**
DATUM: **See Remarks**
DATE START: **4/19/12**
DATE FINISH: **4/19/12**

UNCONFINED COMPRESS. STRENGTH (TONS/FT) ◓ 1 2 3 4 5
PLASTIC LIMIT % — WATER CONTENT % — LIQUID LIMIT % 10 20 30 40 50
● STANDARD PENETRATION (BLOWS/FT.) 10 20 30 40 50

DEPTH (FT.)	N OR MIN./FT.	PENETRATION RESISTANCE (BL/6 IN.)	SAMPLES: SAMPLE NUMBER	RECOV. LENGTH (IN.)	RECOV. RQD (%)	MOISTURE	UNIFIED SOIL CLASS.	DESCRIPTION OF MATERIAL	LITHOLOGY*
1–4			B-2.4'	35/48		M	SP / SM	16" Bwn c-f SAND, some Gravel (FILL) (0.0ppm) 8" Lgt bwn c-f SAND, and Gravel (FILL) (0.0ppm) 5" Bwn-rd c-f SAND, little Silt, trace Gravel (organics) (FILL) (12.6ppm) 6" Blk c-f SAND, some Gravel, little Silt (FILL) (116ppm) (slight odor)	
5–8				34/48		W	SM	3" Bwn c-f SAND, some Gravel, little Silt (FILL) (102ppm) 4" Blk c-f SAND, little Gravel, and Silt (FILL) (121ppm) (strong odor) ▼ 27" Dk bwn c-f SAND, some Gravel, little Silt (FILL) (51ppm)	
8				4/4				Refusal @ 8.4'	
9–25								End of Boring at 8.4'	

REMARKS:

BORING LOG 5669-03.GPJ TECTONIC ENG.GDT 5/7/12

TECTONIC *ENGINEERING & SURVEYING CONSULTANTS P.C.*

PROJECT No. **5669.03**
PROJECT: **Larchmont Apartments**
LOCATION: **Larchmont, NY**

BORING No. B-3

SHEET No. 1 of 1

CLIENT: **Wilder Balter Partners, Inc.**
CONTRACTOR: **General Borings, Inc.**

METHOD OF ADVANCING BORING	DIA.	DEPTH
POWER AUGER:		TO
ROT. DRILL:		TO
CASING:		TO
DIAMOND CORE:		TO
Geoprobe	3"	0 TO 4'

GROUND WATER	DATE	TIME	DEPTH
	4/19/12	**9:45 am**	**3.5'**

MON. WELL ☐ YES ☒ NO
SCREEN DEPTH: --- TO ---
WEATHER: **Clear** TEMP: **60° F**
DEPTH TO ROCK: **Not Encountered'**
*CHANGES IN STRATA ARE INFERRED

INSPECTOR: **Lori Bart**
DRILLER: **Jim Casson**
SURFACE ELEVATION: **---**
DATUM: **See Remarks**
DATE START: **4/19/12**
DATE FINISH: **4/19/12**

UNCONFINED COMPRESS. STRENGTH (TONS/FT) ◓ 1 2 3 4 5
PLASTIC LIMIT % | WATER CONTENT % | LIQUID LIMIT %
10 20 30 40 50
● STANDARD PENETRATION (BLOWS/FT.) 10 20 30 40 50

DEPTH (FT.)	N OR MIN./FT.	PENETRATION RESISTANCE (BL/6 IN.)	SAMPLES: SAMPLE NUMBER	RECOV.: LENGTH (IN.)	RECOV.: RQD (%)	MOISTURE	UNIFIED SOIL CLASS.	DESCRIPTION OF MATERIAL	LITHOLOGY*
1							SP	8" Lgt bwn c-f SAND, some Gravel (FILL) (0.0ppm)	
2			B-3, 3.5'	31/48		M		2" Wht f SAND (FILL) (0.0ppm)	
3								7" Dk bwn SAND, little Gravel, trace Silt, with wood chips (FILL) (0.0ppm)	
4							SM	8" Lgt bwn c-f SAND, some Gravel (FILL) (0.0ppm) ▼	
								6" Blk-bwn c-f SAND, some Gravel, little Silt (FILL) (0.0ppm)	
								End of Boring at 4'	

REMARKS:

BORING LOG 5669-03.GPJ TECTONIC ENG.GDT 5/7/12

TECTONIC *ENGINEERING & SURVEYING CONSULTANTS P.C.*

PROJECT No. **5669.03**
PROJECT: **Larchmont Apartments**
LOCATION: **Larchmont, NY**

BORING No. B-4

SHEET No. 1 of 1

CLIENT: **Wilder Balter Partners, Inc.**
CONTRACTOR: **General Borings, Inc.**

METHOD OF ADVANCING BORING	DIA.	DEPTH
POWER AUGER:		TO
ROT. DRILL:		TO
CASING:		TO
DIAMOND CORE:		TO
Geoprobe	3"	0 TO 4'

GROUND WATER	DATE	TIME	DEPTH
	4/19/12	**11:20 am**	**4'**

MON. WELL ☐ YES ☒ NO
SCREEN DEPTH: --- TO ---
WEATHER: **Clear** TEMP: **65° F**
DEPTH TO ROCK: **Not Encountered'**
*CHANGES IN STRATA ARE INFERRED

INSPECTOR: **Lori Bart**
DRILLER: **Jim Casson**
SURFACE ELEVATION: **---**
DATUM: **See Remarks**
DATE START: **4/19/12**
DATE FINISH: **4/19/12**

UNCONFINED COMPRESS. STRENGTH (TONS/FT) ◓ 1 2 3 4 5
PLASTIC LIMIT % | WATER CONTENT % | LIQUID LIMIT %
10 20 30 40 50
● STANDARD PENETRATION (BLOWS/FT.) 10 20 30 40 50

DEPTH (FT.)	N OR MIN./FT.	PENETRATION RESISTANCE (BL/6 IN.)	SAMPLES: SAMPLE NUMBER	RECOV.: LENGTH (IN.)	RECOV.: RQD (%)	MOISTURE	UNIFIED SOIL CLASS.	DESCRIPTION OF MATERIAL	LITHOLOGY*
1							SP	10" Dk bwn c-f SAND, some Gravel, trace Silt (0.0ppm) (FILL)	
								2" Cobble	
2			B-4, 3.5'	34/48		D	SM	9" Dk bwn c-f SAND, some Gravel, little Silt (4.2ppm) (FILL)	
3							SP	5" Lgt gy c-f SAND, little Gravel	
								8" Dk bwn c-f SAND, some Gravel, trace Silt (6.1ppm) (FILL)	
4								▼	
5								End of Boring at 4'	
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

REMARKS:

BORING LOG 5669-03.GPJ TECTONIC ENG.GDT 5/7/12

APPENDIX II

PHOENIX
Environmental Laboratories, Inc.

Thursday, April 26, 2012

Attn: Mr. Jim Upright
Tectonic Engineering
70 Pleasant Hill Road
Mountainville, NY 10953

Project ID: 5669.03 LARCHMONT APARTMENTS
Sample ID#s: BB74818 - BB74822

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 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

Analysis Report

April 26, 2012

FOR: Attn: Mr. Jim Upright
Tectonic Engineering
70 Pleasant Hill Road
Mountainville, NY 10953

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/19/12	10:50
Location Code:	TECTONIC	Received by:	LB	04/20/12	10:35
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:	212262				

Laboratory Data

SDG ID: GBB74818
Phoenix ID: BB74818

Project ID: 5669.03 LARCHMONT APARTMENTS

Client ID: B-1 3-5 FT

Parameter	Result	RL	Units ^	Date	Time	By	Reference	
Percent Solid	85		%	04/21/12		JL	E160.3	
Soil Extraction for SVOA	Completed			04/20/12		RB/R	SW3545	
Field Extraction	Completed			04/19/12		TEC	SW5035	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
1,1,1-Trichloroethane	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	3.5	ug/Kg	04/21/12		R/J	SW8260	
1,1,2-Trichloroethane	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
1,1-Dichloroethane	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
1,1-Dichloroethene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
1,1-Dichloropropene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	1
1,2,3-Trichloropropane	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
1,2,4-Trichlorobenzene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
1,2,4-Trimethylbenzene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
1,2-Dichlorobenzene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
1,2-Dichloroethane	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
1,2-Dichloropropane	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
1,3,5-Trimethylbenzene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
1,3-Dichlorobenzene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
1,3-Dichloropropane	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
1,4-Dichlorobenzene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
2,2-Dichloropropane	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
2-Chlorotoluene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
2-Hexanone	ND	29	ug/Kg	04/21/12		R/J	SW8260	
2-Isopropyltoluene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	1

Project ID: 5669.03 LARCHMONT APARTMENTS Phoenix I.D.: BB74818
Client ID: B-1 3-5 FT

Parameter	Result	RL	Units ^	Date	Time	By	Reference	
4-Chlorotoluene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
4-Methyl-2-pentanone	ND	29	ug/Kg	04/21/12		R/J	SW8260	
Acetone	ND	120	ug/Kg	04/21/12		R/J	SW8260	
Acrylonitrile	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Benzene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Bromobenzene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Bromochloromethane	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Bromodichloromethane	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Bromoform	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Bromomethane	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Carbon Disulfide	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Carbon tetrachloride	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Chlorobenzene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Chloroethane	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Chloroform	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Chloromethane	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Dibromochloromethane	ND	3.5	ug/Kg	04/21/12		R/J	SW8260	
Dibromoethane	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	lO
Dibromomethane	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Dichlorodifluoromethane	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Ethylbenzene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Hexachlorobutadiene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	lP
Isopropylbenzene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
m&p-Xylene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Methyl Ethyl Ketone	ND	35	ug/Kg	04/21/12		R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	04/21/12		R/J	SW8260	
Methylene chloride	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Naphthalene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
n-Butylbenzene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
n-Propylbenzene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
o-Xylene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
p-Isopropyltoluene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
sec-Butylbenzene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Styrene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
tert-Butylbenzene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Tetrachloroethene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Tetrahydrofuran (THF)	ND	12	ug/Kg	04/21/12		R/J	SW8260	1
Toluene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Total Xylenes	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	04/21/12		R/J	SW8260	
Trichloroethene	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Trichlorofluoromethane	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Trichlorotrifluoroethane	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
Vinyl chloride	ND	5.9	ug/Kg	04/21/12		R/J	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102		%	04/21/12		R/J	70 - 130 %	

Parameter	Result	RL	Units ^	Date	Time	By	Reference	
% Bromofluorobenzene	78		%	04/21/12		R/J	70 - 130 %	
% Dibromofluoromethane	115		%	04/21/12		R/J	70 - 130 %	
% Toluene-d8	85		%	04/21/12		R/J	70 - 130 %	
Semivolatiles								
1,2-Dichlorobenzene	ND	1400	ug/Kg	04/21/12		DD	SW8270	
1,3-Dichlorobenzene	ND	1400	ug/Kg	04/21/12		DD	SW8270	
1,4-Dichlorobenzene	ND	1400	ug/Kg	04/21/12		DD	SW8270	
2,4-Dinitrotoluene	ND	1400	ug/Kg	04/21/12		DD	SW8270	
2,6-Dinitrotoluene	ND	1400	ug/Kg	04/21/12		DD	SW8270	
2-Chloronaphthalene	ND	1400	ug/Kg	04/21/12		DD	SW8270	
2-Methylnaphthalene	ND	1400	ug/Kg	04/21/12		DD	SW8270	
2-Nitroaniline	ND	5700	ug/Kg	04/21/12		DD	SW8270	
3,3'-Dichlorobenzidine	ND	7800	ug/Kg	04/21/12		DD	SW8270	
3-Nitroaniline	ND	5700	ug/Kg	04/21/12		DD	SW8270	
4-Bromophenyl phenyl ether	ND	1400	ug/Kg	04/21/12		DD	SW8270	
4-Chloroaniline	ND	1400	ug/Kg	04/21/12		DD	SW8270	
4-Chlorophenyl phenyl ether	ND	1400	ug/Kg	04/21/12		DD	SW8270	
4-Nitroaniline	ND	5700	ug/Kg	04/21/12		DD	SW8270	
Acenaphthene	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Acenaphthylene	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Anthracene	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Azobenzene	ND	1400	ug/Kg	04/21/12		DD	SW8270	LO
Benz(a)anthracene	1500	1400	ug/Kg	04/21/12		DD	SW8270	
Benzidine	ND	7800	ug/Kg	04/21/12		DD	SW8270	
Benzo(a)pyrene	1400	1400	ug/Kg	04/21/12		DD	SW8270	
Benzo(b)fluoranthene	2100	1400	ug/Kg	04/21/12		DD	SW8270	
Benzo(ghi)perylene	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Benzo(k)fluoranthene	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Benzoic acid	ND	2000	ug/Kg	04/21/12		DD	SW8270	LO
Benzyl alcohol	ND	1400	ug/Kg	04/21/12		DD	SW8270	LP
Benzyl butyl phthalate	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Bis(2-chloroethoxy)methane	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Bis(2-chloroethyl)ether	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Bis(2-ethylhexyl)phthalate	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Chrysene	1400	1400	ug/Kg	04/21/12		DD	SW8270	
Dibenz(a,h)anthracene	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Dibenzofuran	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Diethyl phthalate	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Dimethylphthalate	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Di-n-butylphthalate	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Di-n-octylphthalate	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Fluoranthene	4000	1400	ug/Kg	04/21/12		DD	SW8270	
Fluorene	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Hexachlorobenzene	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Hexachlorobutadiene	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Hexachlorocyclopentadiene	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Hexachloroethane	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Indeno(1,2,3-cd)pyrene	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Isophorone	ND	1400	ug/Kg	04/21/12		DD	SW8270	

Project ID: 5669.03 LARCHMONT APARTMENTS
Client ID: B-1 3-5 FT

Phoenix I.D.: BB74818

Parameter	Result	RL	Units ^	Date	Time	By	Reference	
Naphthalene	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Nitrobenzene	ND	1400	ug/Kg	04/21/12		DD	SW8270	
N-Nitrosodimethylamine	ND	1400	ug/Kg	04/21/12		DD	SW8270	
N-Nitrosodi-n-propylamine	ND	1400	ug/Kg	04/21/12		DD	SW8270	
N-Nitrosodiphenylamine	ND	1400	ug/Kg	04/21/12		DD	SW8270	
Phenanthrene	2300	1400	ug/Kg	04/21/12		DD	SW8270	
Pyrene	3700	1400	ug/Kg	04/21/12		DD	SW8270	
QA/QC Surrogates								
% 2-Fluorobiphenyl	86		%	04/21/12		DD	30 - 130 %	
% Nitrobenzene-d5	62		%	04/21/12		DD	30 - 130 %	
% Terphenyl-d14	148		%	04/21/12		DD	30 - 130 %	3

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1P = This parameter is pending certification by NY NELAC for this matrix.
1O = This parameter is not certified by NY NELAC for this matrix.
3 = This parameter exceeds laboratory specified limits.

Comments:

* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

* The surrogate failed method criteria due to sample matrix interference for the semivolatile analysis. The other surrogates associated with this sample were within QA/QC criteria. No further action was necessary.

**Poor IS recovery was observed for volatiles due to matrix interference. Sample was analyzed twice with similar results.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level is equivalent to NELAC LOQ (Limit of quanitation)

Units^ = All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

Phyllis Shiller, Laboratory Director
April 26, 2012
Reviewed and Released by: Johanna Harrington, Project Manager

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

Analysis Report

April 26, 2012

FOR: Attn: Mr. Jim Upright
Tectonic Engineering
70 Pleasant Hill Road
Mountainville, NY 10953

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/19/12	12:09
Location Code:	TECTONIC	Received by:	LB	04/20/12	10:35
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:	212262				

Laboratory Data

SDG ID: GBB74818
Phoenix ID: BB74819

Project ID: 5669.03 LARCHMONT APARTMENTS

Client ID: B-2 4FT

Parameter	Result	RL	Units ^	Date	Time	By	Reference	
Percent Solid	84		%	04/21/12		JL	E160.3	
Soil Extraction for SVOA	Completed			04/20/12		RB/R	SW3545	
Field Extraction	Completed			04/19/12		TEC	SW5035	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,1,1-Trichloroethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	360	ug/Kg	04/20/12		R/J	SW8260	
1,1,2-Trichloroethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,1-Dichloroethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,1-Dichloroethene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,1-Dichloropropene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,2,3-Trichlorobenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	1
1,2,3-Trichloropropane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,2,4-Trichlorobenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,2,4-Trimethylbenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,2-Dichlorobenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,2-Dichloroethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,2-Dichloropropane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,3,5-Trimethylbenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,3-Dichlorobenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,3-Dichloropropane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,4-Dichlorobenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
2,2-Dichloropropane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
2-Chlorotoluene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
2-Hexanone	ND	3000	ug/Kg	04/20/12		R/J	SW8260	
2-Isopropyltoluene	ND	600	ug/Kg	04/20/12		R/J	SW8260	1

Project ID: 5669.03 LARCHMONT APARTMENTS
Client ID: B-2 4FT

Phoenix I.D.: BB74819

Parameter	Result	RL	Units ^	Date	Time	By	Reference	
4-Chlorotoluene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
4-Methyl-2-pentanone	ND	3000	ug/Kg	04/20/12		R/J	SW8260	
Acetone	ND	12000	ug/Kg	04/20/12		R/J	SW8260	
Acrylonitrile	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Benzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Bromobenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Bromochloromethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Bromodichloromethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Bromoform	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Bromomethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Carbon Disulfide	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Carbon tetrachloride	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Chlorobenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Chloroethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Chloroform	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Chloromethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
cis-1,2-Dichloroethene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
cis-1,3-Dichloropropene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Dibromochloromethane	ND	360	ug/Kg	04/20/12		R/J	SW8260	
Dibromoethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	lO
Dibromomethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Dichlorodifluoromethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Ethylbenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Hexachlorobutadiene	ND	600	ug/Kg	04/20/12		R/J	SW8260	lP
Isopropylbenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
m&p-Xylene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Methyl Ethyl Ketone	ND	3600	ug/Kg	04/20/12		R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	1200	ug/Kg	04/20/12		R/J	SW8260	
Methylene chloride	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Naphthalene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
n-Butylbenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
n-Propylbenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
o-Xylene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
p-Isopropyltoluene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
sec-Butylbenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Styrene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
tert-Butylbenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Tetrachloroethene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Tetrahydrofuran (THF)	ND	1200	ug/Kg	04/20/12		R/J	SW8260	1
Toluene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Total Xylenes	ND	600	ug/Kg	04/20/12		R/J	SW8260	
trans-1,2-Dichloroethene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
trans-1,3-Dichloropropene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	1200	ug/Kg	04/20/12		R/J	SW8260	
Trichloroethene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Trichlorofluoromethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Trichlorotrifluoroethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Vinyl chloride	ND	600	ug/Kg	04/20/12		R/J	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103		%	04/20/12		R/J	70 - 130 %	

Parameter	Result	RL	Units ^	Date	Time	By	Reference	
% Bromofluorobenzene	104		%	04/20/12		R/J	70 - 130 %	
% Dibromofluoromethane	98		%	04/20/12		R/J	70 - 130 %	
% Toluene-d8	100		%	04/20/12		R/J	70 - 130 %	
Semivolatiles								
1,2-Dichlorobenzene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
1,3-Dichlorobenzene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
1,4-Dichlorobenzene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
2,4-Dinitrotoluene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
2,6-Dinitrotoluene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
2-Chloronaphthalene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
2-Methylnaphthalene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
2-Nitroaniline	ND	11000	ug/Kg	04/23/12		DD	SW8270	
3,3'-Dichlorobenzidine	ND	16000	ug/Kg	04/23/12		DD	SW8270	
3-Nitroaniline	ND	11000	ug/Kg	04/23/12		DD	SW8270	
4-Bromophenyl phenyl ether	ND	2700	ug/Kg	04/23/12		DD	SW8270	
4-Chloroaniline	ND	2700	ug/Kg	04/23/12		DD	SW8270	
4-Chlorophenyl phenyl ether	ND	2700	ug/Kg	04/23/12		DD	SW8270	
4-Nitroaniline	ND	11000	ug/Kg	04/23/12		DD	SW8270	
Acenaphthene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Acenaphthylene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Anthracene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Azobenzene	ND	2700	ug/Kg	04/23/12		DD	SW8270	LO
Benz(a)anthracene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Benzidine	ND	16000	ug/Kg	04/23/12		DD	SW8270	
Benzo(a)pyrene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Benzo(b)fluoranthene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Benzo(ghi)perylene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Benzo(k)fluoranthene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Benzoic acid	ND	3900	ug/Kg	04/23/12		DD	SW8270	LO
Benzyl alcohol	ND	2700	ug/Kg	04/23/12		DD	SW8270	LP
Benzyl butyl phthalate	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Bis(2-chloroethoxy)methane	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Bis(2-chloroethyl)ether	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Bis(2-ethylhexyl)phthalate	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Chrysene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Dibenz(a,h)anthracene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Dibenzofuran	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Diethyl phthalate	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Dimethylphthalate	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Di-n-butylphthalate	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Di-n-octylphthalate	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Fluoranthene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Fluorene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Hexachlorobenzene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Hexachlorobutadiene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Hexachlorocyclopentadiene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Hexachloroethane	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Indeno(1,2,3-cd)pyrene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Isophorone	ND	2700	ug/Kg	04/23/12		DD	SW8270	

Project ID: 5669.03 LARCHMONT APARTMENTS
Client ID: B-2 4FT

Phoenix I.D.: BB74819

Parameter	Result	RL	Units ^	Date	Time	By	Reference
Naphthalene	ND	2700	ug/Kg	04/23/12		DD	SW8270
Nitrobenzene	ND	2700	ug/Kg	04/23/12		DD	SW8270
N-Nitrosodimethylamine	ND	2700	ug/Kg	04/23/12		DD	SW8270
N-Nitrosodi-n-propylamine	ND	2700	ug/Kg	04/23/12		DD	SW8270
N-Nitrosodiphenylamine	ND	2700	ug/Kg	04/23/12		DD	SW8270
Phenanthrene	ND	2700	ug/Kg	04/23/12		DD	SW8270
Pyrene	ND	2700	ug/Kg	04/23/12		DD	SW8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	*Diluted Out		%	04/23/12		DD	30 - 130 %
% Nitrobenzene-d5	*Diluted Out		%	04/23/12		DD	30 - 130 %
% Terphenyl-d14	*Diluted Out		%	04/23/12		DD	30 - 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.
1P = This parameter is pending certification by NY NELAC for this matrix.
1O = This parameter is not certified by NY NELAC for this matrix.

Comments:

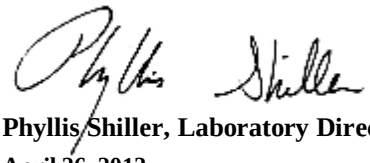
Elevated reporting limits for volatiles due to dilution for sample matrix. Low-level samples were analyzed with poor internal standard response.

* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level is equivalent to NELAC LOQ (Limit of quanitation)

Units^ = All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.



Phyllis Shiller, Laboratory Director
April 26, 2012
Reviewed and Released by: Johanna Harrington, Project Manager

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

April 26, 2012

FOR: Attn: Mr. Jim Upright
Tectonic Engineering
70 Pleasant Hill Road
Mountainville, NY 10953

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/19/12	9:45
Location Code:	TECTONIC	Received by:	LB	04/20/12	10:35
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:	212262				

Laboratory Data

SDG ID: GBB74818
Phoenix ID: BB74820

Project ID: 5669.03 LARCHMONT APARTMENTS

Client ID: B-3 3.5 FT

Parameter	Result	RL	Units ^	Date	Time	By	Reference	
Percent Solid	90		%	04/21/12		JL	E160.3	
Soil Extraction for SVOA	Completed			04/20/12		RB/R	SW3545	
Field Extraction	Completed			04/19/12		TEC	SW5035	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
1,1,1-Trichloroethane	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	3.3	ug/Kg	04/20/12		R/J	SW8260	
1,1,2-Trichloroethane	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
1,1-Dichloroethane	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
1,1-Dichloroethene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
1,1-Dichloropropene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	1
1,2,3-Trichloropropane	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
1,2-Dichlorobenzene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
1,2-Dichloroethane	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
1,2-Dichloropropane	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
1,3-Dichlorobenzene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
1,3-Dichloropropane	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
1,4-Dichlorobenzene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
2,2-Dichloropropane	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
2-Chlorotoluene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
2-Hexanone	ND	28	ug/Kg	04/20/12		R/J	SW8260	
2-Isopropyltoluene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	1

Project ID: 5669.03 LARCHMONT APARTMENTS
Client ID: B-3 3.5 FT

Phoenix I.D.: BB74820

Parameter	Result	RL	Units ^	Date	Time	By	Reference	
4-Chlorotoluene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
4-Methyl-2-pentanone	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Acetone	ND	110	ug/Kg	04/20/12		R/J	SW8260	
Acrylonitrile	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Benzene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Bromobenzene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Bromochloromethane	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Bromodichloromethane	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Bromoform	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Bromomethane	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Carbon Disulfide	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Carbon tetrachloride	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Chlorobenzene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Chloroethane	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Chloroform	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Chloromethane	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Dibromochloromethane	ND	3.3	ug/Kg	04/20/12		R/J	SW8260	
Dibromoethane	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	lO
Dibromomethane	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Dichlorodifluoromethane	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Ethylbenzene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Hexachlorobutadiene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	lP
Isopropylbenzene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
m&p-Xylene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Methyl Ethyl Ketone	ND	33	ug/Kg	04/20/12		R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	04/20/12		R/J	SW8260	
Methylene chloride	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Naphthalene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
n-Butylbenzene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
n-Propylbenzene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
o-Xylene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
p-Isopropyltoluene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
sec-Butylbenzene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Styrene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
tert-Butylbenzene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Tetrachloroethene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	04/20/12		R/J	SW8260	1
Toluene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Total Xylenes	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	04/20/12		R/J	SW8260	
Trichloroethene	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Trichlorofluoromethane	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Trichlorotrifluoroethane	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
Vinyl chloride	ND	5.6	ug/Kg	04/20/12		R/J	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100		%	04/20/12		R/J	70 - 130 %	

Parameter	Result	RL	Units ^	Date	Time	By	Reference	
% Bromofluorobenzene	91		%	04/20/12		R/J	70 - 130 %	
% Dibromofluoromethane	39		%	04/20/12		R/J	70 - 130 %	3
% Toluene-d8	97		%	04/20/12		R/J	70 - 130 %	
Semivolatiles								
1,2-Dichlorobenzene	ND	250	ug/Kg	04/22/12		DD	SW8270	
1,3-Dichlorobenzene	ND	250	ug/Kg	04/22/12		DD	SW8270	
1,4-Dichlorobenzene	ND	250	ug/Kg	04/22/12		DD	SW8270	
2,4-Dinitrotoluene	ND	250	ug/Kg	04/22/12		DD	SW8270	
2,6-Dinitrotoluene	ND	250	ug/Kg	04/22/12		DD	SW8270	
2-Chloronaphthalene	ND	250	ug/Kg	04/22/12		DD	SW8270	
2-Methylnaphthalene	ND	250	ug/Kg	04/22/12		DD	SW8270	
2-Nitroaniline	ND	1100	ug/Kg	04/22/12		DD	SW8270	
3,3'-Dichlorobenzidine	ND	1500	ug/Kg	04/22/12		DD	SW8270	
3-Nitroaniline	ND	1100	ug/Kg	04/22/12		DD	SW8270	
4-Bromophenyl phenyl ether	ND	250	ug/Kg	04/22/12		DD	SW8270	
4-Chloroaniline	ND	250	ug/Kg	04/22/12		DD	SW8270	
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	04/22/12		DD	SW8270	
4-Nitroaniline	ND	1100	ug/Kg	04/22/12		DD	SW8270	
Acenaphthene	ND	250	ug/Kg	04/22/12		DD	SW8270	
Acenaphthylene	ND	250	ug/Kg	04/22/12		DD	SW8270	
Anthracene	ND	250	ug/Kg	04/22/12		DD	SW8270	
Azobenzene	ND	250	ug/Kg	04/22/12		DD	SW8270	LO
Benz(a)anthracene	ND	250	ug/Kg	04/22/12		DD	SW8270	
Benzidine	ND	1500	ug/Kg	04/22/12		DD	SW8270	
Benzo(a)pyrene	ND	250	ug/Kg	04/22/12		DD	SW8270	
Benzo(b)fluoranthene	360	250	ug/Kg	04/22/12		DD	SW8270	
Benzo(ghi)perylene	ND	250	ug/Kg	04/22/12		DD	SW8270	
Benzo(k)fluoranthene	ND	250	ug/Kg	04/22/12		DD	SW8270	
Benzoic acid	ND	360	ug/Kg	04/22/12		DD	SW8270	LO
Benzyl alcohol	ND	250	ug/Kg	04/22/12		DD	SW8270	LP
Benzyl butyl phthalate	ND	250	ug/Kg	04/22/12		DD	SW8270	
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	04/22/12		DD	SW8270	
Bis(2-chloroethyl)ether	ND	250	ug/Kg	04/22/12		DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	04/22/12		DD	SW8270	
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	04/22/12		DD	SW8270	
Chrysene	ND	250	ug/Kg	04/22/12		DD	SW8270	
Dibenz(a,h)anthracene	ND	250	ug/Kg	04/22/12		DD	SW8270	
Dibenzofuran	ND	250	ug/Kg	04/22/12		DD	SW8270	
Diethyl phthalate	ND	250	ug/Kg	04/22/12		DD	SW8270	
Dimethylphthalate	ND	250	ug/Kg	04/22/12		DD	SW8270	
Di-n-butylphthalate	ND	250	ug/Kg	04/22/12		DD	SW8270	
Di-n-octylphthalate	ND	250	ug/Kg	04/22/12		DD	SW8270	
Fluoranthene	390	250	ug/Kg	04/22/12		DD	SW8270	
Fluorene	ND	250	ug/Kg	04/22/12		DD	SW8270	
Hexachlorobenzene	ND	250	ug/Kg	04/22/12		DD	SW8270	
Hexachlorobutadiene	ND	250	ug/Kg	04/22/12		DD	SW8270	
Hexachlorocyclopentadiene	ND	250	ug/Kg	04/22/12		DD	SW8270	
Hexachloroethane	ND	250	ug/Kg	04/22/12		DD	SW8270	
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	04/22/12		DD	SW8270	
Isophorone	ND	250	ug/Kg	04/22/12		DD	SW8270	

Project ID: 5669.03 LARCHMONT APARTMENTS
Client ID: B-3 3.5 FT

Phoenix I.D.: BB74820

Parameter	Result	RL	Units ^	Date	Time	By	Reference
Naphthalene	ND	250	ug/Kg	04/22/12		DD	SW8270
Nitrobenzene	ND	250	ug/Kg	04/22/12		DD	SW8270
N-Nitrosodimethylamine	ND	250	ug/Kg	04/22/12		DD	SW8270
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	04/22/12		DD	SW8270
N-Nitrosodiphenylamine	ND	250	ug/Kg	04/22/12		DD	SW8270
Phenanthrene	ND	250	ug/Kg	04/22/12		DD	SW8270
Pyrene	400	250	ug/Kg	04/22/12		DD	SW8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	77		%	04/22/12		DD	30 - 130 %
% Nitrobenzene-d5	75		%	04/22/12		DD	30 - 130 %
% Terphenyl-d14	108		%	04/22/12		DD	30 - 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.
1P = This parameter is pending certification by NY NELAC for this matrix.
1O = This parameter is not certified by NY NELAC for this matrix.
3 = This parameter exceeds laboratory specified limits.

Comments:

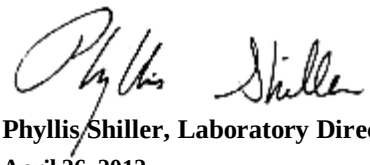
* Poor surrogate recovery was observed for semivolatiles. The other surrogates associated with this sample were within QA/QC criteria. No further action was necessary.

**Poor surrogate recovery was observed for volatiles due to matrix interference.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level is equivalent to NELAC LOQ (Limit of quanitation)

Units^ = All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.



Phyllis Shiller, Laboratory Director
April 26, 2012
Reviewed and Released by: Johanna Harrington, Project Manager

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

Analysis Report

April 26, 2012

FOR: Attn: Mr. Jim Upright
Tectonic Engineering
70 Pleasant Hill Road
Mountainville, NY 10953

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/19/12	11:20
Location Code:	TECTONIC	Received by:	LB	04/20/12	10:35
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:	212262				

Laboratory Data

SDG ID: GBB74818
Phoenix ID: BB74821

Project ID: 5669.03 LARCHMONT APARTMENTS

Client ID: B-4 3.5 FT

Parameter	Result	RL	Units ^	Date	Time	By	Reference	
Percent Solid	88		%	04/21/12		JL	E160.3	
Soil Extraction for SVOA	Completed			04/20/12		RB/R	SW3545	
Field Extraction	Completed			04/19/12		TEC	SW5035	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
1,1,1-Trichloroethane	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	3.4	ug/Kg	04/21/12		R/J	SW8260	
1,1,2-Trichloroethane	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
1,1-Dichloroethane	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
1,1-Dichloroethene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
1,1-Dichloropropene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	1
1,2,3-Trichloropropane	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
1,2,4-Trichlorobenzene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
1,2,4-Trimethylbenzene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
1,2-Dichlorobenzene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
1,2-Dichloroethane	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
1,2-Dichloropropane	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
1,3,5-Trimethylbenzene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
1,3-Dichlorobenzene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
1,3-Dichloropropane	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
1,4-Dichlorobenzene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
2,2-Dichloropropane	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
2-Chlorotoluene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
2-Hexanone	ND	28	ug/Kg	04/21/12		R/J	SW8260	
2-Isopropyltoluene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	1

Project ID: 5669.03 LARCHMONT APARTMENTS
Client ID: B-4 3.5 FT

Phoenix I.D.: BB74821

Parameter	Result	RL	Units ^	Date	Time	By	Reference	
4-Chlorotoluene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
4-Methyl-2-pentanone	ND	28	ug/Kg	04/21/12		R/J	SW8260	
Acetone	ND	110	ug/Kg	04/21/12		R/J	SW8260	
Acrylonitrile	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Benzene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Bromobenzene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Bromochloromethane	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Bromodichloromethane	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Bromoform	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Bromomethane	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Carbon Disulfide	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Carbon tetrachloride	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Chlorobenzene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Chloroethane	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Chloroform	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Chloromethane	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Dibromochloromethane	ND	3.4	ug/Kg	04/21/12		R/J	SW8260	
Dibromoethane	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	lO
Dibromomethane	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Dichlorodifluoromethane	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Ethylbenzene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Hexachlorobutadiene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	lP
Isopropylbenzene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
m&p-Xylene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Methyl Ethyl Ketone	ND	34	ug/Kg	04/21/12		R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	04/21/12		R/J	SW8260	
Methylene chloride	ND	11	ug/Kg	04/21/12		R/J	SW8260	
Naphthalene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
n-Butylbenzene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
n-Propylbenzene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
o-Xylene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
p-Isopropyltoluene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
sec-Butylbenzene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Styrene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
tert-Butylbenzene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Tetrachloroethene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	04/21/12		R/J	SW8260	1
Toluene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Total Xylenes	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	04/21/12		R/J	SW8260	
Trichloroethene	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Trichlorofluoromethane	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Trichlorotrifluoroethane	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
Vinyl chloride	ND	5.7	ug/Kg	04/21/12		R/J	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	108		%	04/21/12		R/J	70 - 130 %	

Project ID: 5669.03 LARCHMONT APARTMENTS Phoenix I.D.: BB74821
Client ID: B-4 3.5 FT

Parameter	Result	RL	Units ^	Date	Time	By	Reference	
% Bromofluorobenzene	84		%	04/21/12		R/J	70 - 130 %	
% Dibromofluoromethane	100		%	04/21/12		R/J	70 - 130 %	
% Toluene-d8	95		%	04/21/12		R/J	70 - 130 %	
Semivolatiles								
1,2-Dichlorobenzene	ND	260	ug/Kg	04/21/12		DD	SW8270	
1,3-Dichlorobenzene	ND	260	ug/Kg	04/21/12		DD	SW8270	
1,4-Dichlorobenzene	ND	260	ug/Kg	04/21/12		DD	SW8270	
2,4-Dinitrotoluene	ND	260	ug/Kg	04/21/12		DD	SW8270	
2,6-Dinitrotoluene	ND	260	ug/Kg	04/21/12		DD	SW8270	
2-Chloronaphthalene	ND	260	ug/Kg	04/21/12		DD	SW8270	
2-Methylnaphthalene	ND	260	ug/Kg	04/21/12		DD	SW8270	
2-Nitroaniline	ND	1100	ug/Kg	04/21/12		DD	SW8270	
3,3'-Dichlorobenzidine	ND	1500	ug/Kg	04/21/12		DD	SW8270	
3-Nitroaniline	ND	1100	ug/Kg	04/21/12		DD	SW8270	
4-Bromophenyl phenyl ether	ND	260	ug/Kg	04/21/12		DD	SW8270	
4-Chloroaniline	ND	260	ug/Kg	04/21/12		DD	SW8270	
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	04/21/12		DD	SW8270	
4-Nitroaniline	ND	1100	ug/Kg	04/21/12		DD	SW8270	
Acenaphthene	ND	260	ug/Kg	04/21/12		DD	SW8270	
Acenaphthylene	ND	260	ug/Kg	04/21/12		DD	SW8270	
Anthracene	400	260	ug/Kg	04/21/12		DD	SW8270	
Azobenzene	ND	260	ug/Kg	04/21/12		DD	SW8270	lO
Benz(a)anthracene	980	260	ug/Kg	04/21/12		DD	SW8270	
Benzidine	ND	1500	ug/Kg	04/21/12		DD	SW8270	
Benzo(a)pyrene	1000	260	ug/Kg	04/21/12		DD	SW8270	
Benzo(b)fluoranthene	1600	260	ug/Kg	04/21/12		DD	SW8270	
Benzo(ghi)perylene	420	260	ug/Kg	04/21/12		DD	SW8270	
Benzo(k)fluoranthene	480	260	ug/Kg	04/21/12		DD	SW8270	
Benzoic acid	ND	370	ug/Kg	04/21/12		DD	SW8270	lO
Benzyl alcohol	ND	260	ug/Kg	04/21/12		DD	SW8270	lP
Benzyl butyl phthalate	ND	260	ug/Kg	04/21/12		DD	SW8270	
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	04/21/12		DD	SW8270	
Bis(2-chloroethyl)ether	ND	260	ug/Kg	04/21/12		DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	04/21/12		DD	SW8270	
Bis(2-ethylhexyl)phthalate	290	260	ug/Kg	04/21/12		DD	SW8270	
Chrysene	1200	260	ug/Kg	04/21/12		DD	SW8270	
Dibenz(a,h)anthracene	ND	260	ug/Kg	04/21/12		DD	SW8270	
Dibenzofuran	ND	260	ug/Kg	04/21/12		DD	SW8270	
Diethyl phthalate	ND	260	ug/Kg	04/21/12		DD	SW8270	
Dimethylphthalate	ND	260	ug/Kg	04/21/12		DD	SW8270	
Di-n-butylphthalate	ND	260	ug/Kg	04/21/12		DD	SW8270	
Di-n-octylphthalate	ND	260	ug/Kg	04/21/12		DD	SW8270	
Fluoranthene	2300	260	ug/Kg	04/21/12		DD	SW8270	
Fluorene	ND	260	ug/Kg	04/21/12		DD	SW8270	
Hexachlorobenzene	ND	260	ug/Kg	04/21/12		DD	SW8270	
Hexachlorobutadiene	ND	260	ug/Kg	04/21/12		DD	SW8270	
Hexachlorocyclopentadiene	ND	260	ug/Kg	04/21/12		DD	SW8270	
Hexachloroethane	ND	260	ug/Kg	04/21/12		DD	SW8270	
Indeno(1,2,3-cd)pyrene	430	260	ug/Kg	04/21/12		DD	SW8270	
Isophorone	ND	260	ug/Kg	04/21/12		DD	SW8270	

Project ID: 5669.03 LARCHMONT APARTMENTS Phoenix I.D.: BB74821
Client ID: B-4 3.5 FT

Parameter	Result	RL	Units ^	Date	Time	By	Reference
Naphthalene	ND	260	ug/Kg	04/21/12		DD	SW8270
Nitrobenzene	ND	260	ug/Kg	04/21/12		DD	SW8270
N-Nitrosodimethylamine	ND	260	ug/Kg	04/21/12		DD	SW8270
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	04/21/12		DD	SW8270
N-Nitrosodiphenylamine	ND	260	ug/Kg	04/21/12		DD	SW8270
Phenanthrene	1300	260	ug/Kg	04/21/12		DD	SW8270
Pyrene	2000	260	ug/Kg	04/21/12		DD	SW8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	83		%	04/21/12		DD	30 - 130 %
% Nitrobenzene-d5	85		%	04/21/12		DD	30 - 130 %
% Terphenyl-d14	101		%	04/21/12		DD	30 - 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.
1P = This parameter is pending certification by NY NELAC for this matrix.
1O = This parameter is not certified by NY NELAC for this matrix.

Comments:

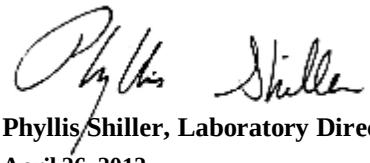
* The surrogate failed method criteria due to sample matrix interference for the semivolatile analysis. The other surrogates associated with this sample were within QA/QC criteria. No further action was necessary.

**Poor IS recovery was observed for volatiles due to matrix interference. Sample was analyzed twice with similar results.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level is equivalent to NELAC LOQ (Limit of quanitation)

Units^ = All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.



Phyllis Shiller, Laboratory Director
April 26, 2012
Reviewed and Released by: Johanna Harrington, Project Manager

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

Analysis Report

April 26, 2012

FOR: Attn: Mr. Jim Upright
Tectonic Engineering
70 Pleasant Hill Road
Mountainville, NY 10953

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/19/12	10:52
Location Code:	TECTONIC	Received by:	LB	04/20/12	10:35
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:	212262				

Laboratory Data

SDG ID: GBB74818
Phoenix ID: BB74822

Project ID: 5669.03 LARCHMONT APARTMENTS

Client ID: B-1 6.5 FT

Parameter	Result	RL	Units ^	Date	Time	By	Reference	
Percent Solid	89		%	04/21/12		JL	E160.3	
Soil Extraction for SVOA	Completed			04/20/12		RB/R	SW3545	
Field Extraction	Completed			04/19/12		TEC	SW5035	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	28	ug/Kg	04/20/12		R/J	SW8260	
1,1,1-Trichloroethane	ND	28	ug/Kg	04/20/12		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	17	ug/Kg	04/20/12		R/J	SW8260	
1,1,2-Trichloroethane	ND	28	ug/Kg	04/20/12		R/J	SW8260	
1,1-Dichloroethane	ND	28	ug/Kg	04/20/12		R/J	SW8260	
1,1-Dichloroethene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
1,1-Dichloropropene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
1,2,3-Trichlorobenzene	ND	28	ug/Kg	04/20/12		R/J	SW8260	1
1,2,3-Trichloropropane	ND	28	ug/Kg	04/20/12		R/J	SW8260	
1,2,4-Trichlorobenzene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
1,2,4-Trimethylbenzene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	28	ug/Kg	04/20/12		R/J	SW8260	
1,2-Dichlorobenzene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
1,2-Dichloroethane	ND	28	ug/Kg	04/20/12		R/J	SW8260	
1,2-Dichloropropane	ND	28	ug/Kg	04/20/12		R/J	SW8260	
1,3,5-Trimethylbenzene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
1,3-Dichlorobenzene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
1,3-Dichloropropane	ND	28	ug/Kg	04/20/12		R/J	SW8260	
1,4-Dichlorobenzene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
2,2-Dichloropropane	ND	28	ug/Kg	04/20/12		R/J	SW8260	
2-Chlorotoluene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
2-Hexanone	ND	140	ug/Kg	04/20/12		R/J	SW8260	
2-Isopropyltoluene	80	28	ug/Kg	04/20/12		R/J	SW8260	1

Project ID: 5669.03 LARCHMONT APARTMENTS Phoenix I.D.: BB74822
Client ID: B-1 6.5 FT

Parameter	Result	RL	Units ^	Date	Time	By	Reference	
4-Chlorotoluene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
4-Methyl-2-pentanone	ND	140	ug/Kg	04/20/12		R/J	SW8260	
Acetone	ND	560	ug/Kg	04/20/12		R/J	SW8260	
Acrylonitrile	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Benzene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Bromobenzene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Bromochloromethane	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Bromodichloromethane	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Bromoform	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Bromomethane	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Carbon Disulfide	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Carbon tetrachloride	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Chlorobenzene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Chloroethane	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Chloroform	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Chloromethane	ND	28	ug/Kg	04/20/12		R/J	SW8260	
cis-1,2-Dichloroethene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
cis-1,3-Dichloropropene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Dibromochloromethane	ND	17	ug/Kg	04/20/12		R/J	SW8260	
Dibromoethane	ND	28	ug/Kg	04/20/12		R/J	SW8260	lO
Dibromomethane	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Dichlorodifluoromethane	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Ethylbenzene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Hexachlorobutadiene	ND	28	ug/Kg	04/20/12		R/J	SW8260	lP
Isopropylbenzene	31	28	ug/Kg	04/20/12		R/J	SW8260	
m&p-Xylene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Methyl Ethyl Ketone	ND	170	ug/Kg	04/20/12		R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	56	ug/Kg	04/20/12		R/J	SW8260	
Methylene chloride	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Naphthalene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
n-Butylbenzene	110	28	ug/Kg	04/20/12		R/J	SW8260	
n-Propylbenzene	55	28	ug/Kg	04/20/12		R/J	SW8260	
o-Xylene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
p-Isopropyltoluene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
sec-Butylbenzene	150	28	ug/Kg	04/20/12		R/J	SW8260	
Styrene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
tert-Butylbenzene	30	28	ug/Kg	04/20/12		R/J	SW8260	
Tetrachloroethene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Tetrahydrofuran (THF)	ND	56	ug/Kg	04/20/12		R/J	SW8260	1
Toluene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Total Xylenes	ND	28	ug/Kg	04/20/12		R/J	SW8260	
trans-1,2-Dichloroethene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
trans-1,3-Dichloropropene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	56	ug/Kg	04/20/12		R/J	SW8260	
Trichloroethene	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Trichlorofluoromethane	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Trichlorotrifluoroethane	ND	28	ug/Kg	04/20/12		R/J	SW8260	
Vinyl chloride	ND	28	ug/Kg	04/20/12		R/J	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	113		%	04/20/12		R/J	70 - 130 %	

Project ID: 5669.03 LARCHMONT APARTMENTS Phoenix I.D.: BB74822
Client ID: B-1 6.5 FT

Parameter	Result	RL	Units ^	Date	Time	By	Reference	
% Bromofluorobenzene	125		%	04/20/12		R/J	70 - 130 %	
% Dibromofluoromethane	98		%	04/20/12		R/J	70 - 130 %	
% Toluene-d8	98		%	04/20/12		R/J	70 - 130 %	
Semivolatiles								
1,2-Dichlorobenzene	ND	260	ug/Kg	04/21/12		DD	SW8270	
1,3-Dichlorobenzene	ND	260	ug/Kg	04/21/12		DD	SW8270	
1,4-Dichlorobenzene	ND	260	ug/Kg	04/21/12		DD	SW8270	
2,4-Dinitrotoluene	ND	260	ug/Kg	04/21/12		DD	SW8270	
2,6-Dinitrotoluene	ND	260	ug/Kg	04/21/12		DD	SW8270	
2-Chloronaphthalene	ND	260	ug/Kg	04/21/12		DD	SW8270	
2-Methylnaphthalene	ND	260	ug/Kg	04/21/12		DD	SW8270	
2-Nitroaniline	ND	1100	ug/Kg	04/21/12		DD	SW8270	
3,3'-Dichlorobenzidine	ND	1500	ug/Kg	04/21/12		DD	SW8270	
3-Nitroaniline	ND	1100	ug/Kg	04/21/12		DD	SW8270	
4-Bromophenyl phenyl ether	ND	260	ug/Kg	04/21/12		DD	SW8270	
4-Chloroaniline	ND	260	ug/Kg	04/21/12		DD	SW8270	
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	04/21/12		DD	SW8270	
4-Nitroaniline	ND	1100	ug/Kg	04/21/12		DD	SW8270	
Acenaphthene	ND	260	ug/Kg	04/21/12		DD	SW8270	
Acenaphthylene	ND	260	ug/Kg	04/21/12		DD	SW8270	
Anthracene	ND	260	ug/Kg	04/21/12		DD	SW8270	
Azobenzene	ND	260	ug/Kg	04/21/12		DD	SW8270	lO
Benz(a)anthracene	260	260	ug/Kg	04/21/12		DD	SW8270	
Benzidine	ND	1500	ug/Kg	04/21/12		DD	SW8270	
Benzo(a)pyrene	ND	260	ug/Kg	04/21/12		DD	SW8270	
Benzo(b)fluoranthene	400	260	ug/Kg	04/21/12		DD	SW8270	
Benzo(ghi)perylene	ND	260	ug/Kg	04/21/12		DD	SW8270	
Benzo(k)fluoranthene	ND	260	ug/Kg	04/21/12		DD	SW8270	
Benzoic acid	ND	370	ug/Kg	04/21/12		DD	SW8270	lO
Benzyl alcohol	ND	260	ug/Kg	04/21/12		DD	SW8270	1P
Benzyl butyl phthalate	ND	260	ug/Kg	04/21/12		DD	SW8270	
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	04/21/12		DD	SW8270	
Bis(2-chloroethyl)ether	ND	260	ug/Kg	04/21/12		DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	04/21/12		DD	SW8270	
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	04/21/12		DD	SW8270	
Chrysene	320	260	ug/Kg	04/21/12		DD	SW8270	
Dibenz(a,h)anthracene	ND	260	ug/Kg	04/21/12		DD	SW8270	
Dibenzofuran	ND	260	ug/Kg	04/21/12		DD	SW8270	
Diethyl phthalate	ND	260	ug/Kg	04/21/12		DD	SW8270	
Dimethylphthalate	ND	260	ug/Kg	04/21/12		DD	SW8270	
Di-n-butylphthalate	ND	260	ug/Kg	04/21/12		DD	SW8270	
Di-n-octylphthalate	ND	260	ug/Kg	04/21/12		DD	SW8270	
Fluoranthene	570	260	ug/Kg	04/21/12		DD	SW8270	
Fluorene	ND	260	ug/Kg	04/21/12		DD	SW8270	
Hexachlorobenzene	ND	260	ug/Kg	04/21/12		DD	SW8270	
Hexachlorobutadiene	ND	260	ug/Kg	04/21/12		DD	SW8270	
Hexachlorocyclopentadiene	ND	260	ug/Kg	04/21/12		DD	SW8270	
Hexachloroethane	ND	260	ug/Kg	04/21/12		DD	SW8270	
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	04/21/12		DD	SW8270	
Isophorone	ND	260	ug/Kg	04/21/12		DD	SW8270	

Project ID: 5669.03 LARCHMONT APARTMENTS
Client ID: B-1 6.5 FT

Phoenix I.D.: BB74822

Parameter	Result	RL	Units ^	Date	Time	By	Reference
Naphthalene	ND	260	ug/Kg	04/21/12		DD	SW8270
Nitrobenzene	ND	260	ug/Kg	04/21/12		DD	SW8270
N-Nitrosodimethylamine	ND	260	ug/Kg	04/21/12		DD	SW8270
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	04/21/12		DD	SW8270
N-Nitrosodiphenylamine	ND	260	ug/Kg	04/21/12		DD	SW8270
Phenanthrene	490	260	ug/Kg	04/21/12		DD	SW8270
Pyrene	540	260	ug/Kg	04/21/12		DD	SW8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	81		%	04/21/12		DD	30 - 130 %
% Nitrobenzene-d5	78		%	04/21/12		DD	30 - 130 %
% Terphenyl-d14	86		%	04/21/12		DD	30 - 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.
1P = This parameter is pending certification by NY NELAC for this matrix.
1O = This parameter is not certified by NY NELAC for this matrix.

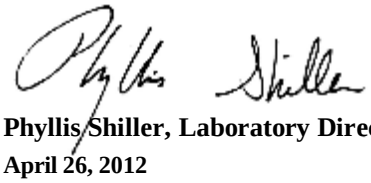
Comments:

* The surrogate failed method criteria due to sample matrix interference for the semivolatile analysis. The other surrogates associated with this sample were within QA/QC criteria. No further action was necessary.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level is equivalent to NELAC LOQ (Limit of quanitation)

Units^ = All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.



Phyllis Shiller, Laboratory Director
April 26, 2012
Reviewed and Released by: Johanna Harrington, Project Manager

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

April 26, 2012

QA/QC Data

SDG I.D.: GBB74818

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 198747, QC Sample No: BB74409 (BB74818, BB74819, BB74820, BB74821, BB74822)										
Semivolatiles - Soil										
1,2-Dichlorobenzene	ND	68	70	2.9	70	73	4.2	30 - 130	30	
1,3-Dichlorobenzene	ND	66	67	1.5	65	68	4.5	30 - 130	30	
1,4-Dichlorobenzene	ND	67	68	1.5	67	70	4.4	30 - 130	30	
2,4-Dinitrotoluene	ND	84	82	2.4	73	69	5.6	30 - 130	30	
2,6-Dinitrotoluene	ND	84	81	3.6	75	74	1.3	30 - 130	30	
2-Chloronaphthalene	ND	79	77	2.6	80	85	6.1	30 - 130	30	
2-Methylnaphthalene	ND	73	74	1.4	78	83	6.2	30 - 130	30	
2-Nitroaniline	ND	>150	>150	NC	>150	>150	NC	30 - 130	30	l,m
3,3'-Dichlorobenzidine	ND	64	66	3.1	18	26	36.4	30 - 130	30	m,r
3-Nitroaniline	ND	90	87	3.4	84	88	4.7	30 - 130	30	
4-Bromophenyl phenyl ether	ND	80	81	1.2	73	77	5.3	30 - 130	30	
4-Chloroaniline	ND	42	43	2.4	52	53	1.9	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	79	81	2.5	81	86	6.0	30 - 130	30	
4-Nitroaniline	ND	90	87	3.4	84	88	4.7	30 - 130	30	
Acenaphthene	ND	77	76	1.3	80	84	4.9	30 - 130	30	
Acenaphthylene	ND	76	74	2.7	86	91	5.6	30 - 130	30	
Anthracene	ND	80	83	3.7	86	91	5.6	30 - 130	30	
Benz(a)anthracene	ND	83	85	2.4	80	86	7.2	30 - 130	30	
Benzidine	ND	55	64	15.1	<5	<5	NC	30 - 130	30	m
Benzo(a)pyrene	ND	77	80	3.8	71	77	8.1	30 - 130	30	
Benzo(b)fluoranthene	ND	84	85	1.2	84	99	16.4	30 - 130	30	
Benzo(ghi)perylene	ND	89	90	1.1	54	39	32.3	30 - 130	30	r
Benzo(k)fluoranthene	ND	80	86	7.2	103	114	10.1	30 - 130	30	
Benzyl Alcohol	ND	89	82	8.2	64	26	84.4	30 - 130	30	m,r
Benzyl butyl phthalate	ND	86	84	2.4	82	90	9.3	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	76	76	0.0	79	83	4.9	30 - 130	30	
Bis(2-chloroethyl)ether	ND	58	58	0.0	61	63	3.2	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	77	79	2.6	87	91	4.5	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	83	85	2.4	87	94	7.7	30 - 130	30	
Chrysene	ND	81	84	3.6	78	85	8.6	30 - 130	30	
Dibenz(a,h)anthracene	ND	86	91	5.6	68	59	14.2	30 - 130	30	
Dibenzofuran	ND	79	78	1.3	80	84	4.9	30 - 130	30	
Diethyl phthalate	ND	81	80	1.2	79	83	4.9	30 - 130	30	
Dimethylphthalate	ND	81	79	2.5	78	83	6.2	30 - 130	30	
Di-n-butylphthalate	ND	78	81	3.8	79	84	6.1	30 - 130	30	
Di-n-octylphthalate	ND	82	85	3.6	83	87	4.7	30 - 130	30	
Fluoranthene	ND	80	84	4.9	84	90	6.9	30 - 130	30	
Fluorene	ND	80	81	1.2	84	89	5.8	30 - 130	30	
Hexachlorobenzene	ND	81	84	3.6	81	85	4.8	30 - 130	30	
Hexachlorobutadiene	ND	70	69	1.4	70	74	5.6	30 - 130	30	
Hexachlorocyclopentadiene	ND	85	76	11.2	<5	<5	NC	30 - 130	30	m

QA/QC Data

SDG I.D.: GBB74818

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Hexachloroethane	ND	67	68	1.5	65	55	16.7	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	87	91	4.5	61	49	21.8	30 - 130	30
Isophorone	ND	79	79	0.0	81	85	4.8	30 - 130	30
Naphthalene	ND	73	76	4.0	76	80	5.1	30 - 130	30
Nitrobenzene	ND	78	80	2.5	83	87	4.7	30 - 130	30
N-Nitrosodimethylamine	ND	72	67	7.2	58	59	1.7	30 - 130	30
N-Nitrosodi-n-propylamine	ND	94	95	1.1	95	99	4.1	30 - 130	30
N-Nitrosodiphenylamine	ND	92	90	2.2	87	91	4.5	30 - 130	30
Phenanthrene	ND	81	84	3.6	77	84	8.7	30 - 130	30
Pyrene	ND	82	86	4.8	87	92	5.6	30 - 130	30
% 2-Fluorobiphenyl	72	71	70	1.4	73	78	6.6	30 - 130	30
% Nitrobenzene-d5	83	76	78	2.6	82	86	4.8	30 - 130	30
% Terphenyl-d14	96	93	99	6.3	92	96	4.3	30 - 130	30
QA/QC Batch 198979, QC Sample No: BB74913 (BB74818, BB74819, BB74820, BB74821, BB74822)									
Volatiles - Soil									
1,1,1,2-Tetrachloroethane	ND	104	96	8.0				70 - 130	30
1,1,1-Trichloroethane	ND	104	103	1.0				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	96	89	7.6				70 - 130	30
1,1,2-Trichloroethane	ND	103	95	8.1				70 - 130	30
1,1-Dichloroethane	ND	102	99	3.0				70 - 130	30
1,1-Dichloroethene	ND	97	96	1.0				70 - 130	30
1,1-Dichloropropene	ND	103	104	1.0				70 - 130	30
1,2,3-Trichlorobenzene	ND	106	95	10.9				70 - 130	30
1,2,3-Trichloropropane	ND	108	92	16.0				70 - 130	30
1,2,4-Trichlorobenzene	ND	99	87	12.9				70 - 130	30
1,2,4-Trimethylbenzene	ND	103	98	5.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	108	105	2.8				70 - 130	30
1,2-Dichlorobenzene	ND	97	88	9.7				70 - 130	30
1,2-Dichloroethane	ND	101	94	7.2				70 - 130	30
1,2-Dichloropropane	ND	101	94	7.2				70 - 130	30
1,3,5-Trimethylbenzene	ND	105	102	2.9				70 - 130	30
1,3-Dichlorobenzene	ND	98	90	8.5				70 - 130	30
1,3-Dichloropropane	ND	103	96	7.0				70 - 130	30
1,4-Dichlorobenzene	ND	96	87	9.8				70 - 130	30
2,2-Dichloropropane	ND	102	103	1.0				70 - 130	30
2-Chlorotoluene	ND	102	97	5.0				70 - 130	30
2-Hexanone	ND	88	83	5.8				70 - 130	30
2-Isopropyltoluene	ND	102	97	5.0				70 - 130	30
4-Chlorotoluene	ND	98	92	6.3				70 - 130	30
4-Methyl-2-pentanone	ND	99	93	6.3				70 - 130	30
Acetone	ND	93	89	4.4				70 - 130	30
Acrylonitrile	ND	107	103	3.8				70 - 130	30
Benzene	ND	102	98	4.0				70 - 130	30
Bromobenzene	ND	102	97	5.0				70 - 130	30
Bromochloromethane	ND	105	97	7.9				70 - 130	30
Bromodichloromethane	ND	101	94	7.2				70 - 130	30
Bromoform	ND	104	95	9.0				70 - 130	30
Bromomethane	ND	100	98	2.0				70 - 130	30
Carbon Disulfide	ND	98	98	0.0				70 - 130	30
Carbon tetrachloride	ND	105	104	1.0				70 - 130	30
Chlorobenzene	ND	97	91	6.4				70 - 130	30
Chloroethane	ND	103	102	1.0				70 - 130	30

QA/QC Data

SDG I.D.: GBB74818

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Chloroform	ND	103	97	6.0				70 - 130	30
Chloromethane	ND	113	110	2.7				70 - 130	30
cis-1,2-Dichloroethene	ND	105	99	5.9				70 - 130	30
cis-1,3-Dichloropropene	ND	102	94	8.2				70 - 130	30
Dibromochloromethane	ND	104	95	9.0				70 - 130	30
Dibromoethane	ND	104	96	8.0				70 - 130	30
Dibromomethane	ND	105	97	7.9				70 - 130	30
Dichlorodifluoromethane	ND	131	135	3.0				70 - 130	30
Ethylbenzene	ND	99	97	2.0				70 - 130	30
Hexachlorobutadiene	ND	97	95	2.1				70 - 130	30
Isopropylbenzene	ND	103	102	1.0				70 - 130	30
m&p-Xylene	ND	98	95	3.1				70 - 130	30
Methyl ethyl ketone	ND	92	87	5.6				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	104	93	11.2				70 - 130	30
Methylene chloride	ND	91	86	5.6				70 - 130	30
Naphthalene	ND	115	106	8.1				70 - 130	30
n-Butylbenzene	ND	101	99	2.0				70 - 130	30
n-Propylbenzene	ND	96	96	0.0				70 - 130	30
o-Xylene	ND	99	94	5.2				70 - 130	30
p-Isopropyltoluene	ND	107	103	3.8				70 - 130	30
sec-Butylbenzene	ND	100	99	1.0				70 - 130	30
Styrene	ND	101	95	6.1				70 - 130	30
tert-Butylbenzene	ND	103	101	2.0				70 - 130	30
Tetrachloroethene	ND	98	98	0.0				70 - 130	30
Tetrahydrofuran (THF)	ND	108	103	4.7				70 - 130	30
Toluene	ND	100	97	3.0				70 - 130	30
trans-1,2-Dichloroethene	ND	101	99	2.0				70 - 130	30
trans-1,3-Dichloropropene	ND	103	94	9.1				70 - 130	30
trans-1,4-dichloro-2-butene	ND	108	106	1.9				70 - 130	30
Trichloroethene	ND	106	104	1.9				70 - 130	30
Trichlorofluoromethane	ND	121	123	1.6				70 - 130	30
Trichlorotrifluoroethane	ND	95	97	2.1				70 - 130	30
Vinyl chloride	ND	112	112	0.0				70 - 130	30
% 1,2-dichlorobenzene-d4	101	100	100	0.0				70 - 130	30
% Bromofluorobenzene	96	101	101	0.0				70 - 130	30
% Dibromofluoromethane	101	101	99	2.0				70 - 130	30
% Toluene-d8	100	99	98	1.0				70 - 130	30

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

Phyllis Shiller, Laboratory Director
April 26, 2012

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

April 26, 2012

SDG I.D.: GBB74818

The samples in this delivery group were received at 7C.
(Note acceptance criteria is above freezing up to 6C)

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

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

Temp 17 Pg 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: jaywright@tectonicengineering.com

Customer: Tectonic Engineering
Address: 70 Pleasant Hill Rd, Mountainville

Project: 5669.03 Larchmont Apartments
Report to: Jim Wright
Invoice to: Accts Payable

Project P.O:
Phone #: 845-534-5959
Fax #: 845-534-

Client Sample - Information - Identification

Sampler's Signature: [signature] Date 4/19/12

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs (8260)	SVOCs (8270) B/N	Encore Sampler	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H20	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 1500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 1500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
74818	B-1, 3.5'	S	4/19	10:50	X	X			1		1						
*74819	B-2, 4'	S	4/19	12:09	X	X			1		1						
74820	B-3, 3.5'	S	4/19	9:45	X	X			1		1						
74821	B-4, 3.5'	S	4/19	10:20	X	X			1		1						
74822	B-1, 6.5'	S	4/19	10:52	X	X			1		1						

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	4/20/12	10:35

Comments, Special Requirements or Regulations:
* Encore labeled S-2, 4' (NJP)

Turnaround:
☐ 1 Day*
☒ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other

* SURCHARGE APPLIES

CT/RI
☐ RCP Cert.
☐ GW Protect.
☐ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☐ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: NY

Data Format
☒ Excel
☒ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☒ Phoenix Std Report
☐ Other

PHOENIX
Environmental Laboratories, Inc.

Wednesday, May 16, 2012

Attn: Mr. Jim Upright
Tectonic Engineering
70 Pleasant Hill Road
Mountainville, NY 10953

Project ID: 5669.03 LARCHMONT APARTMENTS
Sample ID#s: BB74819

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 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.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. 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

May 16, 2012

SDG I.D.: GBB74818

BB74818 - The client provided an ENCORE sample. Phoenix prepared sample per method 5035.
BB74819 - The client provided an ENCORE sample. Phoenix prepared sample per method 5035.
BB74820 - The client provided an ENCORE sample. Phoenix prepared sample per method 5035.
BB74821 - The client provided an ENCORE sample. Phoenix prepared sample per method 5035.
BB74822 - The client provided an ENCORE sample. Phoenix prepared sample per method 5035.

BB74818:
Due to the large presence of petroleum hydrocarbon in both the svoa and volatile analyses; dilutions were required; not all requested reporting levels could be achieved. The chromatograms for this sample are provided with this report.

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

May 16, 2012

FOR: Attn: Mr. Jim Upright
Tectonic Engineering
70 Pleasant Hill Road
Mountainville, NY 10953

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/19/12	12:09
Location Code:	TECTONIC	Received by:	LB	04/20/12	10:35
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:	212262				

Laboratory Data

SDG ID: GBB74818
Phoenix ID: BB74819

Project ID: 5669.03 LARCHMONT APARTMENTS

Client ID: B-2 4FT

Parameter	Result	RL	Units	Date	Time	By	Reference	
Percent Solid	84		%	04/21/12		JL	E160.3	
Soil Extraction for SVOA	Completed			04/20/12		RB/R	SW3545	
Field Extraction	Completed			04/19/12		TEC	SW5035	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,1,1-Trichloroethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	360	ug/Kg	04/20/12		R/J	SW8260	
1,1,2-Trichloroethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,1-Dichloroethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,1-Dichloroethene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,1-Dichloropropene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,2,3-Trichlorobenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	1
1,2,3-Trichloropropane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,2,4-Trichlorobenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,2,4-Trimethylbenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,2-Dichlorobenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,2-Dichloroethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,2-Dichloropropane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,3,5-Trimethylbenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,3-Dichlorobenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,3-Dichloropropane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
1,4-Dichlorobenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
2,2-Dichloropropane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
2-Chlorotoluene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
2-Hexanone	ND	3000	ug/Kg	04/20/12		R/J	SW8260	
2-Isopropyltoluene	ND	600	ug/Kg	04/20/12		R/J	SW8260	1

Project ID: 5669.03 LARCHMONT APARTMENTS
Client ID: B-2 4FT

Phoenix I.D.: BB74819

Parameter	Result	RL	Units	Date	Time	By	Reference	
4-Chlorotoluene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
4-Methyl-2-pentanone	ND	3000	ug/Kg	04/20/12		R/J	SW8260	
Acetone	ND	12000	ug/Kg	04/20/12		R/J	SW8260	
Acrylonitrile	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Benzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Bromobenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Bromochloromethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Bromodichloromethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Bromoform	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Bromomethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Carbon Disulfide	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Carbon tetrachloride	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Chlorobenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Chloroethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Chloroform	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Chloromethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
cis-1,2-Dichloroethene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
cis-1,3-Dichloropropene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Dibromochloromethane	ND	360	ug/Kg	04/20/12		R/J	SW8260	
Dibromoethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	LO
Dibromomethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Dichlorodifluoromethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Ethylbenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Hexachlorobutadiene	ND	600	ug/Kg	04/20/12		R/J	SW8260	LP
Isopropylbenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
m&p-Xylene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Methyl Ethyl Ketone	ND	3600	ug/Kg	04/20/12		R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	1200	ug/Kg	04/20/12		R/J	SW8260	
Methylene chloride	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Naphthalene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
n-Butylbenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
n-Propylbenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
o-Xylene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
p-Isopropyltoluene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
sec-Butylbenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Styrene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
tert-Butylbenzene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Tetrachloroethene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Tetrahydrofuran (THF)	ND	1200	ug/Kg	04/20/12		R/J	SW8260	1
Toluene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Total Xylenes	ND	600	ug/Kg	04/20/12		R/J	SW8260	
trans-1,2-Dichloroethene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
trans-1,3-Dichloropropene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	1200	ug/Kg	04/20/12		R/J	SW8260	
Trichloroethene	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Trichlorofluoromethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Trichlorotrifluoroethane	ND	600	ug/Kg	04/20/12		R/J	SW8260	
Vinyl chloride	ND	600	ug/Kg	04/20/12		R/J	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103		%	04/20/12		R/J	70 - 130 %	

Parameter	Result	RL	Units	Date	Time	By	Reference	
% Bromofluorobenzene	104		%	04/20/12		R/J	70 - 130 %	
% Dibromofluoromethane	98		%	04/20/12		R/J	70 - 130 %	
% Toluene-d8	100		%	04/20/12		R/J	70 - 130 %	
Semivolatiles								
1,2-Dichlorobenzene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
1,3-Dichlorobenzene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
1,4-Dichlorobenzene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
2,4-Dinitrotoluene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
2,6-Dinitrotoluene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
2-Chloronaphthalene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
2-Methylnaphthalene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
2-Nitroaniline	ND	11000	ug/Kg	04/23/12		DD	SW8270	
3,3'-Dichlorobenzidine	ND	16000	ug/Kg	04/23/12		DD	SW8270	
3-Nitroaniline	ND	11000	ug/Kg	04/23/12		DD	SW8270	
4-Bromophenyl phenyl ether	ND	2700	ug/Kg	04/23/12		DD	SW8270	
4-Chloroaniline	ND	2700	ug/Kg	04/23/12		DD	SW8270	
4-Chlorophenyl phenyl ether	ND	2700	ug/Kg	04/23/12		DD	SW8270	
4-Nitroaniline	ND	11000	ug/Kg	04/23/12		DD	SW8270	
Acenaphthene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Acenaphthylene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Anthracene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Azobenzene	ND	2700	ug/Kg	04/23/12		DD	SW8270	LO
Benz(a)anthracene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Benzidine	ND	16000	ug/Kg	04/23/12		DD	SW8270	
Benzo(a)pyrene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Benzo(b)fluoranthene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Benzo(ghi)perylene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Benzo(k)fluoranthene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Benzoic acid	ND	3900	ug/Kg	04/23/12		DD	SW8270	LO
Benzyl alcohol	ND	2700	ug/Kg	04/23/12		DD	SW8270	LP
Benzyl butyl phthalate	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Bis(2-chloroethoxy)methane	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Bis(2-chloroethyl)ether	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Bis(2-ethylhexyl)phthalate	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Chrysene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Dibenz(a,h)anthracene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Dibenzofuran	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Diethyl phthalate	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Dimethylphthalate	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Di-n-butylphthalate	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Di-n-octylphthalate	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Fluoranthene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Fluorene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Hexachlorobenzene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Hexachlorobutadiene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Hexachlorocyclopentadiene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Hexachloroethane	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Indeno(1,2,3-cd)pyrene	ND	2700	ug/Kg	04/23/12		DD	SW8270	
Isophorone	ND	2700	ug/Kg	04/23/12		DD	SW8270	

Project ID: 5669.03 LARCHMONT APARTMENTS
Client ID: B-2 4FT

Phoenix I.D.: BB74819

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	2700	ug/Kg	04/23/12		DD	SW8270
Nitrobenzene	ND	2700	ug/Kg	04/23/12		DD	SW8270
N-Nitrosodimethylamine	ND	2700	ug/Kg	04/23/12		DD	SW8270
N-Nitrosodi-n-propylamine	ND	2700	ug/Kg	04/23/12		DD	SW8270
N-Nitrosodiphenylamine	ND	2700	ug/Kg	04/23/12		DD	SW8270
Phenanthrene	ND	2700	ug/Kg	04/23/12		DD	SW8270
Pyrene	ND	2700	ug/Kg	04/23/12		DD	SW8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	*Diluted Out		%	04/23/12		DD	30 - 130 %
% Nitrobenzene-d5	*Diluted Out		%	04/23/12		DD	30 - 130 %
% Terphenyl-d14	*Diluted Out		%	04/23/12		DD	30 - 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.
1P = This parameter is pending certification by NY NELAC for this matrix.
1O = This parameter is not certified by NY NELAC for this matrix.

Comments:

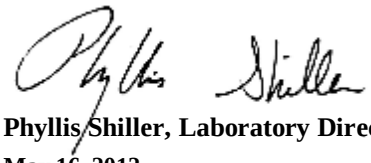
Elevated reporting limits for volatiles due to dilution for sample matrix. Low-level samples were analyzed with poor internal standard response.

* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level is equivalent to NELAC LOQ (Limit of quanitation)

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



Phyllis Shiller, Laboratory Director
May 16, 2012
Reviewed and Released by: Bobbi Aloisa, Vice President

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

NY # 11301

QA/QC Report

May 16, 2012

QA/QC Data

SDG I.D.: GBB74818

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 198747, QC Sample No: BB74409 (BB74818, BB74819, BB74820, BB74821, BB74822)										
Semivolatiles - Soil										
1,2-Dichlorobenzene	ND	68	70	2.9	70	73	4.2	30 - 130	30	
1,3-Dichlorobenzene	ND	66	67	1.5	65	68	4.5	30 - 130	30	
1,4-Dichlorobenzene	ND	67	68	1.5	67	70	4.4	30 - 130	30	
2,4-Dinitrotoluene	ND	84	82	2.4	73	69	5.6	30 - 130	30	
2,6-Dinitrotoluene	ND	84	81	3.6	75	74	1.3	30 - 130	30	
2-Chloronaphthalene	ND	79	77	2.6	80	85	6.1	30 - 130	30	
2-Methylnaphthalene	ND	73	74	1.4	78	83	6.2	30 - 130	30	
2-Nitroaniline	ND	>150	>150	NC	>150	>150	NC	30 - 130	30	l,m
3,3'-Dichlorobenzidine	ND	64	66	3.1	18	26	36.4	30 - 130	30	m,r
3-Nitroaniline	ND	90	87	3.4	84	88	4.7	30 - 130	30	
4-Bromophenyl phenyl ether	ND	80	81	1.2	73	77	5.3	30 - 130	30	
4-Chloroaniline	ND	42	43	2.4	52	53	1.9	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	79	81	2.5	81	86	6.0	30 - 130	30	
4-Nitroaniline	ND	90	87	3.4	84	88	4.7	30 - 130	30	
Acenaphthene	ND	77	76	1.3	80	84	4.9	30 - 130	30	
Acenaphthylene	ND	76	74	2.7	86	91	5.6	30 - 130	30	
Anthracene	ND	80	83	3.7	86	91	5.6	30 - 130	30	
Benz(a)anthracene	ND	83	85	2.4	80	86	7.2	30 - 130	30	
Benzidine	ND	55	64	15.1	<5	<5	NC	30 - 130	30	m
Benzo(a)pyrene	ND	77	80	3.8	71	77	8.1	30 - 130	30	
Benzo(b)fluoranthene	ND	84	85	1.2	84	99	16.4	30 - 130	30	
Benzo(ghi)perylene	ND	89	90	1.1	54	39	32.3	30 - 130	30	r
Benzo(k)fluoranthene	ND	80	86	7.2	103	114	10.1	30 - 130	30	
Benzyl Alcohol	ND	89	82	8.2	64	26	84.4	30 - 130	30	m,r
Benzyl butyl phthalate	ND	86	84	2.4	82	90	9.3	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	76	76	0.0	79	83	4.9	30 - 130	30	
Bis(2-chloroethyl)ether	ND	58	58	0.0	61	63	3.2	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	77	79	2.6	87	91	4.5	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	83	85	2.4	87	94	7.7	30 - 130	30	
Chrysene	ND	81	84	3.6	78	85	8.6	30 - 130	30	
Dibenz(a,h)anthracene	ND	86	91	5.6	68	59	14.2	30 - 130	30	
Dibenzofuran	ND	79	78	1.3	80	84	4.9	30 - 130	30	
Diethyl phthalate	ND	81	80	1.2	79	83	4.9	30 - 130	30	
Dimethylphthalate	ND	81	79	2.5	78	83	6.2	30 - 130	30	
Di-n-butylphthalate	ND	78	81	3.8	79	84	6.1	30 - 130	30	
Di-n-octylphthalate	ND	82	85	3.6	83	87	4.7	30 - 130	30	
Fluoranthene	ND	80	84	4.9	84	90	6.9	30 - 130	30	
Fluorene	ND	80	81	1.2	84	89	5.8	30 - 130	30	
Hexachlorobenzene	ND	81	84	3.6	81	85	4.8	30 - 130	30	
Hexachlorobutadiene	ND	70	69	1.4	70	74	5.6	30 - 130	30	
Hexachlorocyclopentadiene	ND	85	76	11.2	<5	<5	NC	30 - 130	30	m

QA/QC Data

SDG I.D.: GBB74818

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Hexachloroethane	ND	67	68	1.5	65	55	16.7	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	87	91	4.5	61	49	21.8	30 - 130	30
Isophorone	ND	79	79	0.0	81	85	4.8	30 - 130	30
Naphthalene	ND	73	76	4.0	76	80	5.1	30 - 130	30
Nitrobenzene	ND	78	80	2.5	83	87	4.7	30 - 130	30
N-Nitrosodimethylamine	ND	72	67	7.2	58	59	1.7	30 - 130	30
N-Nitrosodi-n-propylamine	ND	94	95	1.1	95	99	4.1	30 - 130	30
N-Nitrosodiphenylamine	ND	92	90	2.2	87	91	4.5	30 - 130	30
Phenanthrene	ND	81	84	3.6	77	84	8.7	30 - 130	30
Pyrene	ND	82	86	4.8	87	92	5.6	30 - 130	30
% 2-Fluorobiphenyl	72	71	70	1.4	73	78	6.6	30 - 130	30
% Nitrobenzene-d5	83	76	78	2.6	82	86	4.8	30 - 130	30
% Terphenyl-d14	96	93	99	6.3	92	96	4.3	30 - 130	30
QA/QC Batch 198979, QC Sample No: BB74913 (BB74818, BB74819, BB74820, BB74821, BB74822)									
Volatiles - Soil									
1,1,1,2-Tetrachloroethane	ND	104	96	8.0				70 - 130	30
1,1,1-Trichloroethane	ND	104	103	1.0				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	96	89	7.6				70 - 130	30
1,1,2-Trichloroethane	ND	103	95	8.1				70 - 130	30
1,1-Dichloroethane	ND	102	99	3.0				70 - 130	30
1,1-Dichloroethene	ND	97	96	1.0				70 - 130	30
1,1-Dichloropropene	ND	103	104	1.0				70 - 130	30
1,2,3-Trichlorobenzene	ND	106	95	10.9				70 - 130	30
1,2,3-Trichloropropane	ND	108	92	16.0				70 - 130	30
1,2,4-Trichlorobenzene	ND	99	87	12.9				70 - 130	30
1,2,4-Trimethylbenzene	ND	103	98	5.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	108	105	2.8				70 - 130	30
1,2-Dichlorobenzene	ND	97	88	9.7				70 - 130	30
1,2-Dichloroethane	ND	101	94	7.2				70 - 130	30
1,2-Dichloropropane	ND	101	94	7.2				70 - 130	30
1,3,5-Trimethylbenzene	ND	105	102	2.9				70 - 130	30
1,3-Dichlorobenzene	ND	98	90	8.5				70 - 130	30
1,3-Dichloropropane	ND	103	96	7.0				70 - 130	30
1,4-Dichlorobenzene	ND	96	87	9.8				70 - 130	30
2,2-Dichloropropane	ND	102	103	1.0				70 - 130	30
2-Chlorotoluene	ND	102	97	5.0				70 - 130	30
2-Hexanone	ND	88	83	5.8				70 - 130	30
2-Isopropyltoluene	ND	102	97	5.0				70 - 130	30
4-Chlorotoluene	ND	98	92	6.3				70 - 130	30
4-Methyl-2-pentanone	ND	99	93	6.3				70 - 130	30
Acetone	ND	93	89	4.4				70 - 130	30
Acrylonitrile	ND	107	103	3.8				70 - 130	30
Benzene	ND	102	98	4.0				70 - 130	30
Bromobenzene	ND	102	97	5.0				70 - 130	30
Bromochloromethane	ND	105	97	7.9				70 - 130	30
Bromodichloromethane	ND	101	94	7.2				70 - 130	30
Bromoform	ND	104	95	9.0				70 - 130	30
Bromomethane	ND	100	98	2.0				70 - 130	30
Carbon Disulfide	ND	98	98	0.0				70 - 130	30
Carbon tetrachloride	ND	105	104	1.0				70 - 130	30
Chlorobenzene	ND	97	91	6.4				70 - 130	30
Chloroethane	ND	103	102	1.0				70 - 130	30

QA/QC Data

SDG I.D.: GBB74818

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Chloroform	ND	103	97	6.0				70 - 130	30	
Chloromethane	ND	113	110	2.7				70 - 130	30	
cis-1,2-Dichloroethene	ND	105	99	5.9				70 - 130	30	
cis-1,3-Dichloropropene	ND	102	94	8.2				70 - 130	30	
Dibromochloromethane	ND	104	95	9.0				70 - 130	30	
Dibromoethane	ND	104	96	8.0				70 - 130	30	
Dibromomethane	ND	105	97	7.9				70 - 130	30	
Dichlorodifluoromethane	ND	131	135	3.0				70 - 130	30	l
Ethylbenzene	ND	99	97	2.0				70 - 130	30	
Hexachlorobutadiene	ND	97	95	2.1				70 - 130	30	
Isopropylbenzene	ND	103	102	1.0				70 - 130	30	
m&p-Xylene	ND	98	95	3.1				70 - 130	30	
Methyl ethyl ketone	ND	92	87	5.6				70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	104	93	11.2				70 - 130	30	
Methylene chloride	ND	91	86	5.6				70 - 130	30	
Naphthalene	ND	115	106	8.1				70 - 130	30	
n-Butylbenzene	ND	101	99	2.0				70 - 130	30	
n-Propylbenzene	ND	96	96	0.0				70 - 130	30	
o-Xylene	ND	99	94	5.2				70 - 130	30	
p-Isopropyltoluene	ND	107	103	3.8				70 - 130	30	
sec-Butylbenzene	ND	100	99	1.0				70 - 130	30	
Styrene	ND	101	95	6.1				70 - 130	30	
tert-Butylbenzene	ND	103	101	2.0				70 - 130	30	
Tetrachloroethene	ND	98	98	0.0				70 - 130	30	
Tetrahydrofuran (THF)	ND	108	103	4.7				70 - 130	30	
Toluene	ND	100	97	3.0				70 - 130	30	
trans-1,2-Dichloroethene	ND	101	99	2.0				70 - 130	30	
trans-1,3-Dichloropropene	ND	103	94	9.1				70 - 130	30	
trans-1,4-dichloro-2-butene	ND	108	106	1.9				70 - 130	30	
Trichloroethene	ND	106	104	1.9				70 - 130	30	
Trichlorofluoromethane	ND	121	123	1.6				70 - 130	30	
Trichlorotrifluoroethane	ND	95	97	2.1				70 - 130	30	
Vinyl chloride	ND	112	112	0.0				70 - 130	30	
% 1,2-dichlorobenzene-d4	101	100	100	0.0				70 - 130	30	
% Bromofluorobenzene	96	101	101	0.0				70 - 130	30	
% Dibromofluoromethane	101	101	99	2.0				70 - 130	30	
% Toluene-d8	100	99	98	1.0				70 - 130	30	

Comment:

The MS/MSD are not reported for this batch.

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd 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
May 16, 2012

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

May 16, 2012

SDG I.D.: GBB74818

The samples in this delivery group were received at 7C.
(Note acceptance criteria is above freezing up to 6C)

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

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

Temp 17 Pg 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: jaywright@tectonicengineering.com

Customer: Tectonic Engineering
Address: 70 Pleasant Hill Rd, Mountainville

Project: 5669.03 Larchmont Apartments
Report to: Jim Wright
Invoice to: Accts Payable

Project P.O:
Phone #: 845-534-5959
Fax #: 845-534-

Client Sample - Information - Identification

Sampler's Signature: [signature] Date 4/19/12

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs (8260)	SVOCs (8270) B/N	Encore Sampler	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H20	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 1500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 1500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
74818	B-1, 3.5'	S	4/19	10:50	X	X			1		1						
*74819	B-2, 4'	S	4/19	12:09	X	X			1		1						
74820	B-3, 3.5'	S	4/19	9:45	X	X			1		1						
74821	B-4, 3.5'	S	4/19	10:20	X	X			1		1						
74822	B-1, 6.5'	S	4/19	10:52	X	X			1		1						

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	4/20/12	10:35

Comments, Special Requirements or Regulations:
* Encore labeled S-2, 4' (NJP)

Turnaround:
☐ 1 Day*
☒ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other

* SURCHARGE APPLIES

CT/RI
☐ RCP Cert.
☐ GW Protect.
☐ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☐ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: NY

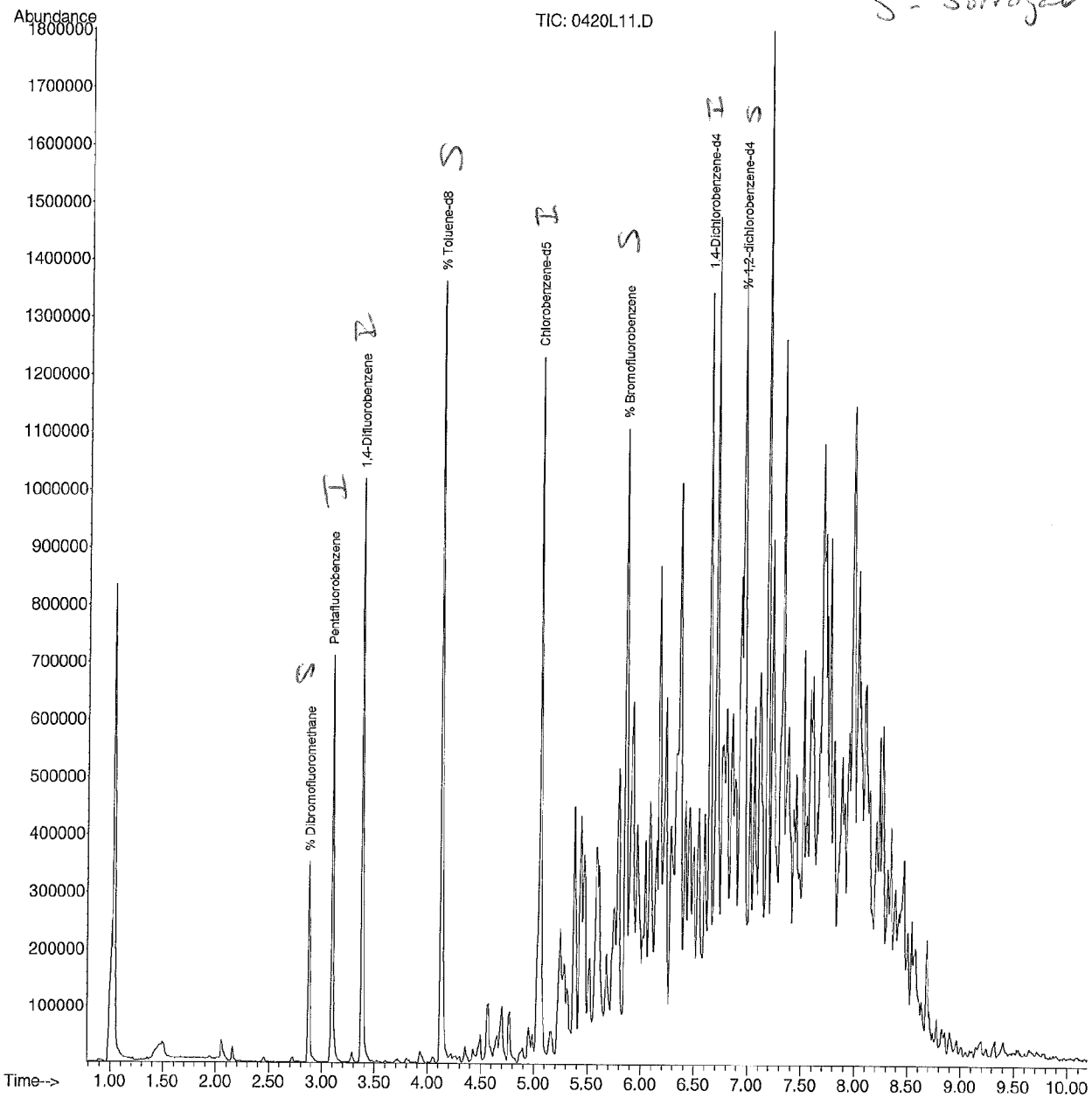
Data Format
☒ Excel
☒ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☒ Phoenix Std Report
☐ Other

File : H:\V2012\CHEM03\04APR\042012\0420L11.D
Operator :
Acquired : 20 Apr 2012 7:09 pm using AcqMethod 524_A03
Instrument : Instrumen
Sample Name: 74819 5ML 1:100
Misc Info : ENHL
Vial Number: 11

VOA
B-2 4 Fr (100x)

I - Internal
S - Surrogate



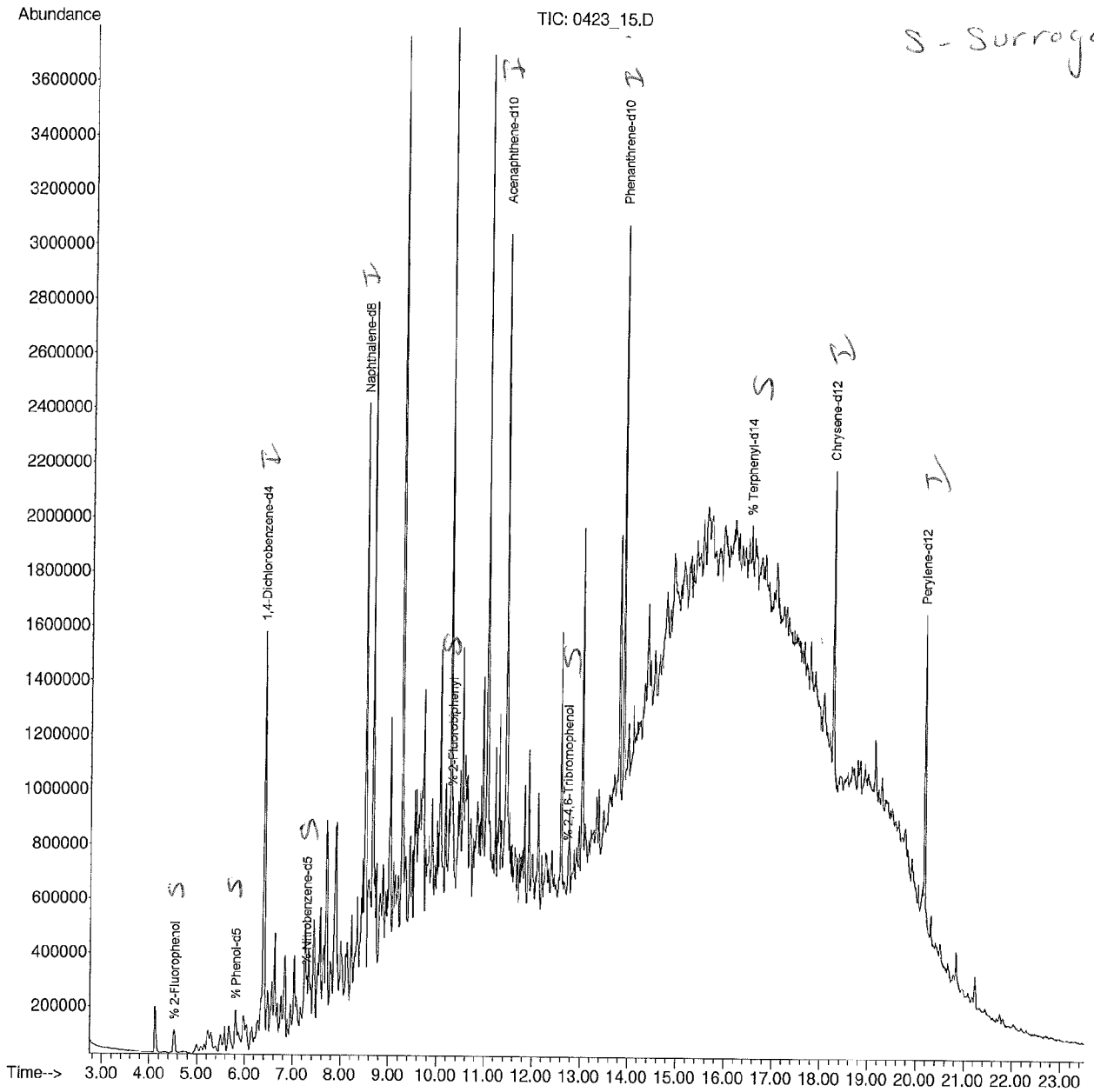
Petroleum hydrocarbon

File : H:\SV2012\CHEM09\04APR\0423\0423_15.D
Operator :
Acquired : 23 Apr 2012 2:43 pm using AcqMethod 8270_ANI
Instrument : Instrumen
Sample Name: 74819 10X A SV
Misc Info :
Vial Number: 9

SVOA extract

B-2 4Ft (10x)

I - Internal
S - Surrogate



petroleum hydrocarbon

APPENDIX III

PHOENIX
Environmental Laboratories, Inc.

Friday, April 27, 2012

Attn: Mr. Jim Upright
Tectonic Engineering
70 Pleasant Hill Road
Mountainville, NY 10953

Project ID: 5669.03 LARCHMONT APARTMENTS
Sample ID#s: BB75530 - BB75531

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 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

Analysis Report

April 27, 2012

FOR: Attn: Mr. Jim Upright
Tectonic Engineering
70 Pleasant Hill Road
Mountainville, NY 10953

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/20/12	11:40
Location Code:	TECTONIC	Received by:	LB	04/21/12	11:37
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:	212261				

Laboratory Data

SDG ID: GBB75530
Phoenix ID: BB75530

Project ID: 5669.03 LARCHMONT APARTMENTS

Client ID: MW-1

Parameter	Result	RL	Units	Date	Time	By	Reference	
Semi-Volatile Extraction	Completed			04/23/12		F/D/K	SW3520	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/25/12		R/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	04/25/12		R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/25/12		R/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	04/25/12		R/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	04/25/12		R/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	04/25/12		R/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/25/12		R/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
1,2-Dichloroethane	ND	0.60	ug/L	04/25/12		R/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	04/25/12		R/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	04/25/12		R/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	04/25/12		R/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
2-Hexanone	ND	5.0	ug/L	04/25/12		R/T	SW8260	
2-Isopropyltoluene	1.1	1.0	ug/L	04/25/12		R/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
4-Methyl-2-pentanone	ND	5.0	ug/L	04/25/12		R/T	SW8260	

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Parameter	Result	RL	Units	Date	Time	By	Reference	
Acetone	ND	25	ug/L	04/25/12		R/T	SW8260	
Acrylonitrile	ND	5.0	ug/L	04/25/12		R/T	SW8260	
Benzene	ND	0.70	ug/L	04/25/12		R/T	SW8260	
Bromobenzene	ND	1.0	ug/L	04/25/12		R/T	SW8260	LO
Bromochloromethane	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Bromodichloromethane	ND	0.50	ug/L	04/25/12		R/T	SW8260	
Bromoform	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Bromomethane	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Carbon Disulfide	ND	5.0	ug/L	04/25/12		R/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Chloroethane	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Chloroform	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Chloromethane	ND	1.0	ug/L	04/25/12		R/T	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/25/12		R/T	SW8260	
Dibromochloromethane	ND	0.50	ug/L	04/25/12		R/T	SW8260	
Dibromoethane	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Dibromomethane	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	04/25/12		R/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Methyl ethyl ketone	ND	30	ug/L	04/25/12		R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Methylene chloride	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Naphthalene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
o-Xylene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Styrene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Tetrachloroethene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Tetrahydrofuran (THF)	ND	5.0	ug/L	04/25/12		R/T	SW8260	1
Toluene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Total Xylenes	ND	1.0	ug/L	04/25/12		R/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/25/12		R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/25/12		R/T	SW8260	
Trichloroethene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	04/25/12		R/T	SW8260	1
Vinyl chloride	ND	1.0	ug/L	04/25/12		R/T	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	91		%	04/25/12		R/T	70 - 130 %	
% Bromofluorobenzene	126		%	04/25/12		R/T	70 - 130 %	
% Dibromofluoromethane	99		%	04/25/12		R/T	70 - 130 %	

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Parameter	Result	RL	Units	Date	Time	By	Reference	
% Toluene-d8	78		%	04/25/12		R/T	70 - 130 %	
Semivolatiles								
1,2,4-Trichlorobenzene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
1,2-Dichlorobenzene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
1,2-Diphenylhydrazine	ND	50	ug/L	04/25/12		DD	SW8270/E625	1
1,3-Dichlorobenzene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
1,4-Dichlorobenzene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
2,4-Dinitrotoluene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
2,6-Dinitrotoluene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
2-Chloronaphthalene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
2-Methylnaphthalene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
2-Nitroaniline	ND	500	ug/L	04/25/12		DD	SW8270/E625	
3,3'-Dichlorobenzidine	ND	200	ug/L	04/25/12		DD	SW8270/E625	
3-Nitroaniline	ND	500	ug/L	04/25/12		DD	SW8270/E625	
4-Bromophenyl phenyl ether	ND	50	ug/L	04/25/12		DD	SW8270/E625	
4-Chloroaniline	ND	200	ug/L	04/25/12		DD	SW8270/E625	
4-Chlorophenyl phenyl ether	ND	50	ug/L	04/25/12		DD	SW8270/E625	
4-Nitroaniline	ND	500	ug/L	04/25/12		DD	SW8270/E625	
Acenaphthene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Anthracene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Benzidine	ND	200	ug/L	04/25/12		DD	SW8270/E625	
Benzo(ghi)perylene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Benzoic acid	ND	500	ug/L	04/25/12		DD	SW8270/E625	1P
Benzyl Alcohol	ND	200	ug/L	04/25/12		DD	SW8270/E625	
Benzyl butyl phthalate	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Bis(2-chloroethoxy)methane	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Bis(2-chloroethyl)ether	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Bis(2-chloroisopropyl)ether	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Bis(2-ethylhexyl)phthalate	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Dibenz(a,h)anthracene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Dibenzofuran	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Diethyl phthalate	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Dimethylphthalate	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Di-n-butylphthalate	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Di-n-octylphthalate	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Fluoranthene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Fluorene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Hexachlorobutadiene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Hexachlorocyclopentadiene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Hexachloroethane	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Isophorone	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Naphthalene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Nitrobenzene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
N-Nitrosodimethylamine	ND	50	ug/L	04/25/12		DD	SW8270/E625	
N-Nitrosodi-n-propylamine	ND	50	ug/L	04/25/12		DD	SW8270/E625	
N-Nitrosodiphenylamine	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Pyrene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
QA/QC Surrogates								
% 2-Fluorobiphenyl	*Diluted Out		%	04/25/12		DD	30 - 130 %	
% Nitrobenzene-d5	*Diluted Out		%	04/25/12		DD	30 - 130 %	

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Parameter	Result	RL	Units	Date	Time	By	Reference
% Terphenyl-d14	*Diluted Out		%	04/25/12		DD	30 - 130 %
Semivolatiles							
Acenaphthylene	ND	0.20	ug/L	04/25/12		DD	SW8270 (SIM)
Benz(a)anthracene	1.6	0.20	ug/L	04/25/12		DD	SW8270 (SIM)
Benzo(a)pyrene	1.4	0.20	ug/L	04/25/12		DD	SW8270 (SIM)
Benzo(b)fluoranthene	2.1	0.20	ug/L	04/25/12		DD	SW8270 (SIM)
Benzo(k)fluoranthene	0.9	0.20	ug/L	04/25/12		DD	SW8270 (SIM)
Chrysene	2.3	0.20	ug/L	04/25/12		DD	SW8270 (SIM)
Dibenz(a,h)anthracene	0.4	0.10	ug/L	04/25/12		DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.20	ug/L	04/25/12		DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	0.9	0.20	ug/L	04/25/12		DD	SW8270 (SIM)
Phenanthrene	6.6	0.50	ug/L	04/25/12		DD	SW8270 (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	*Diluted Out		%	04/25/12		DD	30 - 130 %
% Nitrobenzene-d5	*Diluted Out		%	04/25/12		DD	30 - 130 %
% Terphenyl-d14	*Diluted Out		%	04/25/12		DD	30 - 130 %

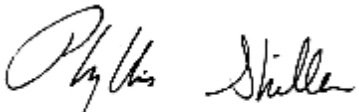
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1P = This parameter is pending certification by NY NELAC for this matrix.
1O = This parameter is not certified by NY NELAC for this matrix.

Comments:

* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level is equivalent to NELAC LOQ (Limit of quanitation)



Phyllis Shiller, Laboratory Director
April 27, 2012
Reviewed and Released by: Bobbi Aloisa, Vice President

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

April 27, 2012

FOR: Attn: Mr. Jim Upright
Tectonic Engineering
70 Pleasant Hill Road
Mountainville, NY 10953

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/20/12	12:45
Location Code:	TECTONIC	Received by:	LB	04/21/12	11:37
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:	212261				

Laboratory Data

SDG ID: GBB75530
Phoenix ID: BB75531

Project ID: 5669.03 LARCHMONT APARTMENTS

Client ID: MW-2

Parameter	Result	RL	Units	Date	Time	By	Reference	
Semi-Volatile Extraction	Completed			04/23/12		F/D/K	SW3520	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L	04/25/12		R/T	SW8260	
1,1,1-Trichloroethane	ND	2.0	ug/L	04/25/12		R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	04/25/12		R/T	SW8260	
1,1,2-Trichloroethane	ND	2.0	ug/L	04/25/12		R/T	SW8260	
1,1-Dichloroethane	ND	2.0	ug/L	04/25/12		R/T	SW8260	
1,1-Dichloroethene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
1,1-Dichloropropene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
1,2,3-Trichlorobenzene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
1,2,3-Trichloropropane	ND	2.0	ug/L	04/25/12		R/T	SW8260	
1,2,4-Trichlorobenzene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
1,2,4-Trimethylbenzene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	2.0	ug/L	04/25/12		R/T	SW8260	
1,2-Dichlorobenzene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
1,2-Dichloroethane	ND	1.2	ug/L	04/25/12		R/T	SW8260	
1,2-Dichloropropane	ND	2.0	ug/L	04/25/12		R/T	SW8260	
1,3,5-Trimethylbenzene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
1,3-Dichlorobenzene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
1,3-Dichloropropane	ND	2.0	ug/L	04/25/12		R/T	SW8260	
1,4-Dichlorobenzene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
2,2-Dichloropropane	ND	2.0	ug/L	04/25/12		R/T	SW8260	
2-Chlorotoluene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
2-Hexanone	ND	10	ug/L	04/25/12		R/T	SW8260	
2-Isopropyltoluene	3.9	2.0	ug/L	04/25/12		R/T	SW8260	1
4-Chlorotoluene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
4-Methyl-2-pentanone	ND	10	ug/L	04/25/12		R/T	SW8260	

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Parameter	Result	RL	Units	Date	Time	By	Reference	
Acetone	ND	50	ug/L	04/25/12		R/T	SW8260	
Acrylonitrile	ND	10	ug/L	04/25/12		R/T	SW8260	
Benzene	ND	1.4	ug/L	04/25/12		R/T	SW8260	
Bromobenzene	ND	2.0	ug/L	04/25/12		R/T	SW8260	LO
Bromochloromethane	ND	2.0	ug/L	04/25/12		R/T	SW8260	
Bromodichloromethane	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Bromoform	ND	2.0	ug/L	04/25/12		R/T	SW8260	
Bromomethane	ND	2.0	ug/L	04/25/12		R/T	SW8260	
Carbon Disulfide	ND	10	ug/L	04/25/12		R/T	SW8260	
Carbon tetrachloride	ND	2.0	ug/L	04/25/12		R/T	SW8260	
Chlorobenzene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
Chloroethane	ND	2.0	ug/L	04/25/12		R/T	SW8260	
Chloroform	ND	2.0	ug/L	04/25/12		R/T	SW8260	
Chloromethane	ND	2.0	ug/L	04/25/12		R/T	SW8260	
cis-1,2-Dichloroethene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
cis-1,3-Dichloropropene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Dibromochloromethane	ND	1.0	ug/L	04/25/12		R/T	SW8260	
Dibromoethane	ND	2.0	ug/L	04/25/12		R/T	SW8260	
Dibromomethane	ND	2.0	ug/L	04/25/12		R/T	SW8260	
Dichlorodifluoromethane	ND	2.0	ug/L	04/25/12		R/T	SW8260	
Ethylbenzene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
Hexachlorobutadiene	ND	0.80	ug/L	04/25/12		R/T	SW8260	
Isopropylbenzene	4.6	2.0	ug/L	04/25/12		R/T	SW8260	
m&p-Xylene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
Methyl ethyl ketone	ND	30	ug/L	04/25/12		R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	2.0	ug/L	04/25/12		R/T	SW8260	
Methylene chloride	ND	2.0	ug/L	04/25/12		R/T	SW8260	
Naphthalene	3.3	2.0	ug/L	04/25/12		R/T	SW8260	
n-Butylbenzene	7.4	2.0	ug/L	04/25/12		R/T	SW8260	
n-Propylbenzene	2.2	2.0	ug/L	04/25/12		R/T	SW8260	
o-Xylene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
p-Isopropyltoluene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
sec-Butylbenzene	13	2.0	ug/L	04/25/12		R/T	SW8260	
Styrene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
tert-Butylbenzene	4.6	2.0	ug/L	04/25/12		R/T	SW8260	
Tetrachloroethene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
Tetrahydrofuran (THF)	ND	10	ug/L	04/25/12		R/T	SW8260	1
Toluene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
Total Xylenes	ND	2.0	ug/L	04/25/12		R/T	SW8260	
trans-1,2-Dichloroethene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
trans-1,3-Dichloropropene	ND	1.0	ug/L	04/25/12		R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	10	ug/L	04/25/12		R/T	SW8260	
Trichloroethene	ND	2.0	ug/L	04/25/12		R/T	SW8260	
Trichlorofluoromethane	ND	2.0	ug/L	04/25/12		R/T	SW8260	
Trichlorotrifluoroethane	ND	2.0	ug/L	04/25/12		R/T	SW8260	1
Vinyl chloride	ND	2.0	ug/L	04/25/12		R/T	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	122		%	04/25/12		R/T	70 - 130 %	
% Bromofluorobenzene	106		%	04/25/12		R/T	70 - 130 %	
% Dibromofluoromethane	94		%	04/25/12		R/T	70 - 130 %	

Project ID: 5669.03 LARCHMONT APARTMENTS
Client ID: MW-2

Phoenix I.D.: BB75531

Parameter	Result	RL	Units	Date	Time	By	Reference	
% Toluene-d8	99		%	04/25/12		R/T	70 - 130 %	
Semivolatiles								
1,2,4-Trichlorobenzene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
1,2-Dichlorobenzene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
1,2-Diphenylhydrazine	ND	50	ug/L	04/25/12		DD	SW8270/E625	1
1,3-Dichlorobenzene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
1,4-Dichlorobenzene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
2,4-Dinitrotoluene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
2,6-Dinitrotoluene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
2-Chloronaphthalene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
2-Methylnaphthalene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
2-Nitroaniline	ND	500	ug/L	04/25/12		DD	SW8270/E625	
3,3'-Dichlorobenzidine	ND	200	ug/L	04/25/12		DD	SW8270/E625	
3-Nitroaniline	ND	500	ug/L	04/25/12		DD	SW8270/E625	
4-Bromophenyl phenyl ether	ND	50	ug/L	04/25/12		DD	SW8270/E625	
4-Chloroaniline	ND	200	ug/L	04/25/12		DD	SW8270/E625	
4-Chlorophenyl phenyl ether	ND	50	ug/L	04/25/12		DD	SW8270/E625	
4-Nitroaniline	ND	500	ug/L	04/25/12		DD	SW8270/E625	
Acenaphthene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Anthracene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Benzidine	ND	200	ug/L	04/25/12		DD	SW8270/E625	
Benzo(ghi)perylene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Benzoic acid	ND	500	ug/L	04/25/12		DD	SW8270/E625	1P
Benzyl Alcohol	ND	200	ug/L	04/25/12		DD	SW8270/E625	
Benzyl butyl phthalate	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Bis(2-chloroethoxy)methane	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Bis(2-chloroethyl)ether	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Bis(2-chloroisopropyl)ether	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Bis(2-ethylhexyl)phthalate	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Dibenz(a,h)anthracene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Dibenzofuran	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Diethyl phthalate	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Dimethylphthalate	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Di-n-butylphthalate	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Di-n-octylphthalate	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Fluoranthene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Fluorene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Hexachlorobutadiene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Hexachlorocyclopentadiene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Hexachloroethane	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Isophorone	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Naphthalene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Nitrobenzene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
N-Nitrosodimethylamine	ND	50	ug/L	04/25/12		DD	SW8270/E625	
N-Nitrosodi-n-propylamine	ND	50	ug/L	04/25/12		DD	SW8270/E625	
N-Nitrosodiphenylamine	ND	50	ug/L	04/25/12		DD	SW8270/E625	
Pyrene	ND	50	ug/L	04/25/12		DD	SW8270/E625	
QA/QC Surrogates								
% 2-Fluorobiphenyl	*Diluted Out		%	04/25/12		DD	30 - 130 %	
% Nitrobenzene-d5	*Diluted Out		%	04/25/12		DD	30 - 130 %	

Project ID: 5669.03 LARCHMONT APARTMENTS
Client ID: MW-2

Phoenix I.D.: BB75531

Parameter	Result	RL	Units	Date	Time	By	Reference
% Terphenyl-d14	*Diluted Out		%	04/25/12		DD	30 - 130 %
Semivolatiles							
Acenaphthylene	ND	0.20	ug/L	04/25/12		DD	SW8270 (SIM)
Benz(a)anthracene	2.2	0.20	ug/L	04/25/12		DD	SW8270 (SIM)
Benzo(a)pyrene	1.9	0.20	ug/L	04/25/12		DD	SW8270 (SIM)
Benzo(b)fluoranthene	3	0.20	ug/L	04/25/12		DD	SW8270 (SIM)
Benzo(k)fluoranthene	1.1	0.20	ug/L	04/25/12		DD	SW8270 (SIM)
Chrysene	3.8	0.20	ug/L	04/25/12		DD	SW8270 (SIM)
Dibenz(a,h)anthracene	0.4	0.10	ug/L	04/25/12		DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.20	ug/L	04/25/12		DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	1.2	0.20	ug/L	04/25/12		DD	SW8270 (SIM)
Phenanthrene	20	0.50	ug/L	04/25/12		DD	SW8270 (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	*Diluted Out		%	04/25/12		DD	30 - 130 %
% Nitrobenzene-d5	*Diluted Out		%	04/25/12		DD	30 - 130 %
% Terphenyl-d14	*Diluted Out		%	04/25/12		DD	30 - 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.
1P = This parameter is pending certification by NY NELAC for this matrix.
1O = This parameter is not certified by NY NELAC for this matrix.

Comments:

* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

Elevated reporting limits for volatiles due to the oily nature of the sample.

* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level is equivalent to NELAC LOQ (Limit of quanitation)

Phyllis Shiller, Laboratory Director
April 27, 2012
Reviewed and Released by: Bobbi Aloisa, Vice President

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

April 27, 2012

QA/QC Data

SDG I.D.: GBB75530

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 199001, QC Sample No: BB75034 (BB75530, BB75531)										
Semivolatiles - Ground Water										
1,2,4-Trichlorobenzene	ND	70	68	2.9				30 - 130	20	
1,2-Dichlorobenzene	ND	75	76	1.3				30 - 130	20	
1,3-Dichlorobenzene	ND	74	74	0.0				30 - 130	20	
1,4-Dichlorobenzene	ND	75	73	2.7				30 - 130	20	
2,4-Dinitrotoluene	ND	89	86	3.4				30 - 130	20	
2,6-Dinitrotoluene	ND	87	85	2.3				30 - 130	20	
2-Chloronaphthalene	ND	81	80	1.2				30 - 130	20	
2-Methylnaphthalene	ND	77	76	1.3				30 - 130	20	
2-Nitroaniline	ND	>150	>150	NC				30 - 130	20	I
3,3'-Dichlorobenzidine	ND	N/A	N/A	NC				30 - 130	20	
3-Nitroaniline	ND	>150	>150	NC				30 - 130	20	I
4-Bromophenyl phenyl ether	ND	77	76	1.3				30 - 130	20	
4-Chloroaniline	ND	>150	>150	NC				30 - 130	20	I
4-Chlorophenyl phenyl ether	ND	83	83	0.0				30 - 130	20	
4-Nitroaniline	ND	110	107	2.8				30 - 130	20	
Acenaphthene	ND	83	83	0.0				30 - 130	20	
Acenaphthylene	ND	81	81	0.0				30 - 130	20	
Anthracene	ND	87	86	1.2				30 - 130	20	
Azobenzene	ND	49	49	0.0				30 - 130	20	
Benz(a)anthracene	ND	86	85	1.2				30 - 130	20	
Benzidine	ND	N/A	N/A	NC				30 - 130	20	
Benzo(a)pyrene	ND	77	77	0.0				30 - 130	20	
Benzo(b)fluoranthene	ND	80	82	2.5				30 - 130	20	
Benzo(ghi)perylene	ND	89	86	3.4				30 - 130	20	
Benzo(k)fluoranthene	ND	87	85	2.3				30 - 130	20	
Benzoic acid	ND	N/A	N/A	NC				30 - 130	20	
Benzyl butyl phthalate	ND	91	92	1.1				30 - 130	20	
Bis(2-chloroethoxy)methane	ND	70	68	2.9				30 - 130	20	
Bis(2-chloroethyl)ether	ND	68	68	0.0				30 - 130	20	
Bis(2-chloroisopropyl)ether	ND	97	97	0.0				30 - 130	20	
Bis(2-ethylhexyl)phthalate	ND	92	94	2.2				30 - 130	20	
Chrysene	ND	80	82	2.5				30 - 130	20	
Dibenz(a,h)anthracene	ND	89	86	3.4				30 - 130	20	
Dibenzofuran	ND	84	84	0.0				30 - 130	20	
Diethyl phthalate	ND	92	92	0.0				30 - 130	20	
Dimethylphthalate	ND	87	86	1.2				30 - 130	20	
Di-n-butylphthalate	ND	97	96	1.0				30 - 130	20	
Di-n-octylphthalate	ND	95	102	7.1				30 - 130	20	
Fluoranthene	ND	84	83	1.2				30 - 130	20	
Fluorene	ND	87	86	1.2				30 - 130	20	
Hexachlorobenzene	ND	91	92	1.1				30 - 130	20	

QA/QC Data

SDG I.D.: GBB75530

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Hexachlorobutadiene	ND	70	71	1.4				30 - 130	20	
Hexachlorocyclopentadiene	ND	56	49	13.3				30 - 130	20	
Hexachloroethane	ND	79	77	2.6				30 - 130	20	
Indeno(1,2,3-cd)pyrene	ND	88	86	2.3				30 - 130	20	
Isophorone	ND	89	87	2.3				30 - 130	20	
Naphthalene	ND	79	79	0.0				30 - 130	20	
Nitrobenzene	ND	87	82	5.9				30 - 130	20	
N-Nitrosodimethylamine	ND	68	72	5.7				30 - 130	20	
N-Nitrosodi-n-propylamine	ND	93	92	1.1				30 - 130	20	
N-Nitrosodiphenylamine	ND	93	90	3.3				30 - 130	20	
Phenanthrene	ND	86	86	0.0				30 - 130	20	
Pyrene	ND	86	86	0.0				30 - 130	20	
% 2-Fluorobiphenyl	77	73	75	2.7				30 - 130	20	
% Nitrobenzene-d5	82	83	82	1.2				30 - 130	20	
% Terphenyl-d14	109	96	94	2.1				30 - 130	20	
QA/QC Batch 199295, QC Sample No: BB75530 (BB75530, BB75531)										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	123	120	2.5				70 - 130	30	
1,1,1-Trichloroethane	ND	93	88	5.5				70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	92	92	0.0				70 - 130	30	
1,1,2-Trichloroethane	ND	100	98	2.0				70 - 130	30	
1,1-Dichloroethane	ND	86	84	2.4				70 - 130	30	
1,1-Dichloroethene	ND	86	84	2.4				70 - 130	30	
1,1-Dichloropropene	ND	94	90	4.3				70 - 130	30	
1,2,3-Trichlorobenzene	ND	94	96	2.1				70 - 130	30	
1,2,3-Trichloropropane	ND	86	88	2.3				70 - 130	30	
1,2,4-Trichlorobenzene	ND	95	94	1.1				70 - 130	30	
1,2,4-Trimethylbenzene	ND	104	100	3.9				70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	86	88	2.3				70 - 130	30	
1,2-Dichlorobenzene	ND	95	92	3.2				70 - 130	30	
1,2-Dichloroethane	ND	83	84	1.2				70 - 130	30	
1,2-Dichloropropane	ND	83	82	1.2				70 - 130	30	
1,3,5-Trimethylbenzene	ND	107	101	5.8				70 - 130	30	
1,3-Dichlorobenzene	ND	100	98	2.0				70 - 130	30	
1,3-Dichloropropane	ND	79	80	1.3				70 - 130	30	
1,4-Dichlorobenzene	ND	95	93	2.1				70 - 130	30	
2,2-Dichloropropane	ND	80	76	5.1				70 - 130	30	
2-Chlorotoluene	ND	102	95	7.1				70 - 130	30	
2-Hexanone	ND	62	70	12.1				70 - 130	30	I
2-Isopropyltoluene	ND	102	98	4.0				70 - 130	30	
4-Chlorotoluene	ND	101	97	4.0				70 - 130	30	
4-Methyl-2-pentanone	ND	76	84	10.0				70 - 130	30	
Acetone	ND	69	68	1.5				70 - 130	30	I
Acrylonitrile	ND	75	81	7.7				70 - 130	30	
Benzene	ND	96	93	3.2				70 - 130	30	
Bromobenzene	ND	94	93	1.1				70 - 130	30	
Bromochloromethane	ND	93	95	2.1				70 - 130	30	
Bromodichloromethane	ND	85	84	1.2				70 - 130	30	
Bromoform	ND	129	121	6.4				70 - 130	30	
Bromomethane	ND	62	67	7.8				70 - 130	30	I
Carbon Disulfide	ND	91	86	5.6				70 - 130	30	
Carbon tetrachloride	ND	103	97	6.0				70 - 130	30	

QA/QC Data

SDG I.D.: GBB75530

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Chlorobenzene	ND	107	102	4.8				70 - 130	30
Chloroethane	ND	84	82	2.4				70 - 130	30
Chloroform	ND	89	88	1.1				70 - 130	30
Chloromethane	ND	83	82	1.2				70 - 130	30
cis-1,2-Dichloroethene	ND	95	92	3.2				70 - 130	30
cis-1,3-Dichloropropene	ND	74	75	1.3				70 - 130	30
Dibromochloromethane	ND	87	90	3.4				70 - 130	30
Dibromoethane	ND	102	103	1.0				70 - 130	30
Dibromomethane	ND	90	93	3.3				70 - 130	30
Dichlorodifluoromethane	ND	86	84	2.4				70 - 130	30
Ethylbenzene	ND	119	113	5.2				70 - 130	30
Hexachlorobutadiene	ND	83	82	1.2				70 - 130	30
Isopropylbenzene	ND	104	99	4.9				70 - 130	30
m&p-Xylene	ND	113	104	8.3				70 - 130	30
Methyl ethyl ketone	ND	77	84	8.7				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	74	75	1.3				70 - 130	30
Methylene chloride	ND	83	82	1.2				70 - 130	30
Naphthalene	ND	86	87	1.2				70 - 130	30
n-Butylbenzene	ND	99	95	4.1				70 - 130	30
n-Propylbenzene	ND	99	95	4.1				70 - 130	30
o-Xylene	ND	107	101	5.8				70 - 130	30
p-Isopropyltoluene	ND	107	102	4.8				70 - 130	30
sec-Butylbenzene	ND	102	97	5.0				70 - 130	30
Styrene	ND	113	106	6.4				70 - 130	30
tert-Butylbenzene	ND	99	96	3.1				70 - 130	30
Tetrachloroethene	ND	93	88	5.5				70 - 130	30
Tetrahydrofuran (THF)	ND	68	71	4.3				70 - 130	30
Toluene	ND	83	112	29.7				70 - 130	30
trans-1,2-Dichloroethene	ND	94	92	2.2				70 - 130	30
trans-1,3-Dichloropropene	ND	96	100	4.1				70 - 130	30
trans-1,4-dichloro-2-butene	ND	94	89	5.5				70 - 130	30
Trichloroethene	ND	109	104	4.7				70 - 130	30
Trichlorofluoromethane	ND	97	93	4.2				70 - 130	30
Trichlorotrifluoroethane	ND	91	87	4.5				70 - 130	30
Vinyl chloride	ND	86	85	1.2				70 - 130	30
% 1,2-dichlorobenzene-d4	96	98	98	0.0				70 - 130	30
% Bromofluorobenzene	87	94	94	0.0				70 - 130	30
% Dibromofluoromethane	96	95	97	2.1				70 - 130	30
% Toluene-d8	112	79	104	27.3				70 - 130	30

I = This parameter is outside laboratory lcs/lcsd 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

Phyllis Shiller, Laboratory Director
April 27, 2012

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

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

Temp 5°C Pg 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: jaupright@tectonicengineering.com

Customer: Tectonic Engineering
Address: 70 Pleasant Hill Rd
Mountainville, NY

Project: 5069.03 Larchmont Apartments
Report to: Jim Upright
Invoice to: Accts Payable

Project P.O:
Phone #: 845-534-5959
Fax #: 845-534-

Client Sample - Information - Identification

Sampler's Signature: [signature] Date 4/20/12

Matrix Code:
DW=drinking water **WW**=wastewater **S**=soil/solid **O**=other
GW=groundwater **SL**=sludge **A**=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs (8260)	SVOCs (8270) B/N	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H20	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [X] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
75530	MW-1	GW	4/20	11:40	X	X				2	1					
75531	MW-2	GW	4/20	12:45	X	X				2	1					

Relinquished by:	Accepted by:	Date:	Time:
[signature]			
	K DellaBella	4/21/12	11:37

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☒ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other

* **SURCHARGE APPLIES**

CT/RI
☐ RCP Cert.
☐ GW Protect.
☐ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☐ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: NY

Data Format
☒ Excel
☒ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☒ Phoenix Std Report
☐ Other

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