Building 339 Pre-Construction Sampling Summary Report

at

iPark 84
Former IBM East Fishkill Facility

October 2019

Prepared for:

Jessica LaClair
New York State Dept. of Environmental Conservation
Dept. of Environmental Remediation
625 Broadway
Albany, New York 12233-7013

WALDEN ENVIRONMENTAL ENGINEERING, PLLC

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Sent via email to jess.laclair@dec.ny.gov and julia.kenney@health.ny.gov

October 23, 2019
iPARK0118.34

Jessica LaClair
Environmental Engineer
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, NY 12233-7013

Re: iPark 84
Former IBM East Fishkill Facility
Building 339 Pre-Construction
Sampling Summary Report

Dear Ms. LaClair:

Walden Environmental Engineering, PLLC (Walden) is submitting this Building 339 Pre-Construction Sampling Summary Report on behalf of iPark East Fishkill LLC (iPark), the owner of Building 339 at the iPark 84 Former IBM East Fishkill Facility located in Hopewell Junction, New York. This report details the September – October 2019 sub-slab soil, soil vapor, and indoor air investigation conducted at Building 339 in accordance with the work plan approved by NYSDEC and NYSDOH.

If you have any questions or require any additional information, please call (516) 624-7200.

Very truly yours,
Walden Environmental Engineering, PLLC

Nora M. Brew, P.E.
Senior Project Manager

cc: J. Kenney, NYSDOH
M. Buckley, National Resources
C. Monheit, National Resources

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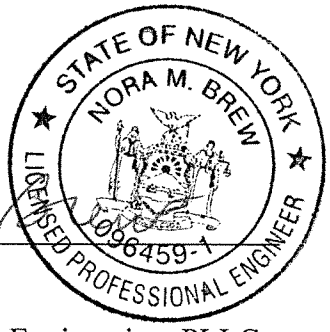
Professional Engineer Certification

I certify that I am a professional engineer licensed to practice in New York State in accordance with New York State Education Law, Article 145, Section 7200 et seq. I have completed accredited university courses and degrees in engineering and have sufficient training and experience in remediation, groundwater hydrology, and related fields that enable me to make sound professional judgments with regards to engineering design.

I further certify that this submittal, *Building 339 Pre-Construction Sampling Summary Report*, dated October 23, 2019, was prepared under my direction.



Nora M. Brew, P.E.
Walden Environmental Engineering, PLLC

10/23/19
Date

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1 INTRODUCTION

Walden Environmental Engineering, PLLC (Walden) has prepared this report to summarize the results of the September/October 2019 pre-construction sub-slab soil, soil vapor, and air sampling investigation conducted at Building 339 at the Former IBM East Fishkill facility (the "Site"). Building 339 is owned by iPark East Fishkill, LLC (iPark) and formerly contained above ground storage tanks (ASTs) and equipment associated with IBM operations; the building is now vacant. iPark plans to modify Building 339 to ready the space for proposed bakery manufacturing operations. The Site is currently managed under the New York State Department of Environmental Conservation (NYSDEC) State Superfund Program (Site #314054) and United States Environmental Protection Agency (USEPA) Hazardous Waste Site Program (ID# NYD000707901).

The pre-construction sampling investigation was conducted to evaluate contaminant levels in the soil beneath the building slab, to address the potential for vapor intrusion from contaminated soil vapor and potential impacts on indoor air quality within Building 339, and to characterize exposure risks. The investigation was completed in accordance with the NYSDEC-approved *Building 339 Pre-Construction Sampling Work Plan* (Work Plan; Walden, September 26, 2019). The field work at Building 339 included the collection of sub-slab soil and vapor, indoor air, and outdoor air samples.

A brief site description and the objectives of the pre-construction investigation are presented below. Section 2 describes the investigation field work conducted at Building 339. Section 3 summarizes the investigation sampling results. Section 4 presents conclusions and recommendations based on the investigation results.

1.1 Site Description and History

The location of Building 339 at the Site is illustrated on Figure 1. The Building is roughly split into three (3) sections, as shown on Figure 2. The northern and southern portions of the Building formerly housed ASTs (no tanks remain in the Building) and the central portion of the Building contains the electrical room. The elevations of the concrete floor in the northern and southern portions of Building 339 are set approximately three (3) feet below the elevation of the floor in the middle section.

iPark plans to modify Building 339 to ready the space for the proposed bakery manufacturing tenant. The construction work involves pouring a new concrete slab to

level the floor within the Building, as well as installation of new partitions and ceilings, HVAC systems and other equipment needed for the bakery manufacturing operations.

Building 339 was reportedly used by IBM for management of chemical waste associated with the processes occurring within Building 338, which is located adjacent to Building 339 (to the west). All ASTs and their appurtenances have been removed from Building 339; the Building is currently vacant and unoccupied. No chemical storage was observed during inspection of the Building. There are multiple drainage structures (including a roof drain and sumps) within the concrete slab in both the middle and southern sections of the Building.

Building 339 was not fully enclosed during historic operations. iPark recently installed a raised steel frame roof over the previously open AST area in the northern portion of the Building. While this new roof section minimizes exposure to the elements, the roofing work is not completed and there was an approximately one (1) foot gap between the walls and roof at the time of the pre-construction sampling. Two (2) former garage bay doors have been removed at the south end of the Building; these doors had open louvers for air exchange. The doorway openings on each side of the central portion of the Building were also open to the elements.

2 INVESTIGATION FIELD WORK

The pre-construction investigation was conducted at Building 339 between September 26 and October 3, 2019, as described below. Photographs documenting the investigation are provided as Appendix A.

2.1 Interior Inspection, Location Selection and Clearance

Walden performed a pre-sampling interior inspection on September 26th to identify potential vapor intrusion pathways and to evaluate the proposed sub-slab and indoor air sampling locations. The Building was inspected to evaluate the physical layout and to identify conditions or materials stored and/or used that could affect or interfere with the sampling or interpretation of the sampling results. Consideration was given to factors such as access for installation and sampling purposes, foundation/floor slab installation and conditions, and utility layout/breaches. As discussed above, Building 339 was open to the elements. No heating/ventilation/mechanical systems were in service at the time of the sampling. No chemicals were observed being used or stored in the Building that would impact air sampling results.

The central portion of Building 339 was sealed off with plastic sheeting prior to sampling in order to approximate "indoor air" conditions. In addition, the electrical room in this area had a door which was closed during sampling. The northern and southern portions of Building 339 remained open to the environment during sampling. Refer to the photographs presented in Appendix A for the site conditions during sampling.

Ground penetrating radar (GPR) surveys were performed on September 26th and October 2nd by Delta Geophysics to clear each of the selected sub-slab sampling locations to them of any underground utilities or structures prior to breaching the concrete slab. The October 2nd GPR was used to clear additional locations for the purposes of installing Soil Vapor Extraction (SVE) wells. This SVE installation will be discussed in a separate report.

2.2 Sampling Locations

The pre-construction investigation samples were collected from the general locations shown in the NYSDEC-approved Work Plan, based on discussions with NYSDEC and NYSDOH. The actual sampling locations were determined on September 26th following the Building 339 inspection and cleared based on the private utility mark-out and physical access considerations. Refer to Figure 2 for the sampling locations.

Sub-slab vapor sampling points were placed in locations with minimal potential for ambient air infiltration from floor penetrations such as cracks, floor drains, utility perforations, sumps, etc. There are multiple drains/sumps within the floor of the Building, as shown in the photographs (see Appendix A), so the sub-slab vapor sampling points were located away from these features to the extent possible.

On September 30th, sub-slab vapor and indoor and outdoor air samples were collected concurrently from ten (10) locations within Building 339, as follows:

- Two (2) locations within the southern AST area
  - Sub-slab location SS-1 and its corresponding indoor air sample IA-1
  - Sub-slab location SS-3 along with a duplicate sub-slab sample, SS-DUP, and a corresponding indoor air sample, IA-3
- Two (2) locations within the central section of the building
  - Sub-slab location SS-2 and its corresponding indoor air sample IA-2
  - One additional indoor air sample (IA-2A) and its duplicate IA-DUP were collected within the electric room, which was the only part of Building 339 that was fully enclosed.
- Three (3) locations within the northern AST area
  - Sub-slab location SS-4
  - Sub-slab location SS-5
  - Sub-slab location SS-6
- Three (3) locations within the exterior truck/tanker containment area to the east of the building
  - Sub-slab location SS-7
  - Sub-slab location SS-8
  - Sub-slab location SS-9

In addition, an outdoor air sample (OA-1) was collected at a location to the north of the truck/tanker containment area to determine representative background conditions at the Site. A field blank was also collected by transferring lab-grade nitrogen directly from a compressed gas canister into a Summa® canister.

Sub-slab soil samples were collected at eight (8) of the nine (9) sub-slab vapor sampling locations on October 1st through 3rd. A sub-slab soil sample was not collected from SS-7 because the material beneath the slab consisted solely of gravel at this location.

2.3 Sub-slab Sampling Probe Installation

Temporary sub-slab vapor sampling probes were installed on September 26–27 in accordance with the Work Plan. At each location, a small diameter hole (approximately one- and three-quarter inches) was drilled through the concrete floor slab and into sub-slab material approximately two (2) inches below the bottom of the floor slab. Concrete and soil cuttings were removed from the hole. Inert ¼-inch polyethylene tubing was installed no further than two (2) inches into the sub-slab material. The hole surrounding the tubing was sealed with coarse sand and hydraulic cement in accordance with the NYSDOH *Soil Vapor Intrusion Guidance, Section 2.7.2, Paragraph B.*

Walden performed tracer gas monitoring in accordance with the NYSDOH SVI guidance to verify the integrity of the sub-slab vapor probe seals prior to sample collection. A plastic chamber was placed around the sampling probes and sealed around the edges to create an adequate surface seal to prevent outdoor air infiltration. Helium tracer gas was introduced into the plastic space through a small opening to enrich the atmosphere in the immediate vicinity of the sampling probes with the tracer gas. A portable helium monitoring device (MGD-2002 Helium Leak Detector) was used to analyze a soil vapor sample for the helium tracer gas to confirm the integrity of the probe seals before vapor samples were collected in 6-liter Summa® canisters. Any point where there were concerns about the seal surrounding the sampling point were resealed with hydraulic cement, allowed to dry, and retested to verify the seals were tight.

2.4 Sample Collection

2.4.1 Air and Soil Vapor Sampling

Sub-slab vapor, indoor air and outdoor air samples were collected over an 8-hour period in laboratory provided and individually certified clean 6-liter Summa® canisters with individually certified regulators, as described in the Work Plan. The samples were collected between roughly 10:00 AM and 6:00 PM on September 30, 2019.

Summa® canisters were placed adjacent to each of the nine (9) sub-slab sampling points and connected to the polyethylene tubing, with one (1) connected to a brass splitter connection for duplicate sampling at SS-3. Five (5) Summa® canisters were placed adjacent to select sub-slab sampling ports for indoor air sampling (IA-1, IA-2, IA-2A, IA-DUP and IA-3). The outdoor air sample (OA-1) Summa® canister was placed at the north end of the truck/tanker containment area, in an upwind location to collect background data. The nitrogen field blank was placed within the central section of the Building, near IA-2, during sample collection. Refer to Figure 2 for the sampling

locations. The indoor air samples were collected at a height of approximately three (3) to five (5) feet above the floor to represent breathing zones, per NYSDOH Guidance. Similarly, the outdoor air sample was collected at a height of approximately three (3) feet above the ground.

Prior to and immediately after sampling at each point, a pressure gauge was used to check each Summa® canister for vacuum, and the vacuum pressure was recorded. A regulator was used to keep flow rates during purging and sampling during the 8-hour sampling period below 0.2 liters per minute, as specified by the NYSDOH SVI guidance.

After the sampling was completed, the Summa® canisters were labeled with the Site name, the Walden job number, sample location and identification, date, time, sampler's initials, and the parameter(s) for analysis. The samples were delivered to the laboratory via courier under the appropriate Chain-of-Custody protocol. The temporary sampling points remained in place until the sub-slab soil sampling was completed on October 3rd, at which time they were removed and properly disposed of as solid waste.

2.4.2 Soil Sampling

Sub-slab soil samples were collected from eight (8) of the nine (9) sub-slab vapor sampling locations as described in the Work Plan. One (1) soil sample was collected from each of these locations between October 1st and 3rd, 2019. Note that a soil sample was not collected from location SS-7 due to the nature of the sub-slab materials which consisted of gravel, not soil.

A four (4) inch diameter concrete core drill (with an integral wetting system) was utilized to drill through the slab in the location of the sub-slab vapor sampling locations, effectively removing the temporary soil vapor sampling points and allowing access to soils below the slab. The slab thickness varied between approximately 12 inches to 26 inches. A macrocore was then utilized to retrieve soils to four (4) feet below the slab, or to the point of refusal. Soil descriptions, photoionization detector (PID) measurements and observations were logged in a project dedicated field book by Walden field staff. At each location, the soil interval exhibiting the greatest visual or olfactory evidence of contamination (odors/staining) and/or the highest PID screening measurement were collected for analysis. Where screening and observations showed no evidence of contamination, a sample was collected from the 1-2 ft interval below the slab. Excess soils removed from each core location were placed back in the borehole before moving on to the next location. Evidence of bedrock was encountered in SS-1, SS-3, SS-4, SS-5, and SS-6. Groundwater was not encountered during the soil sampling.

Soil samples were labeled with the Site name, Walden job number, sample location and identification, date, time, sampler's initials, and the parameter(s) for analysis. The samples were transported to the laboratory in such a manner as to avoid container damage during transportation and to minimize the possibility of cross-contamination. The samples were delivered via courier under the appropriate Chain-of-Custody protocol.

2.5 Sample Analysis and Reporting

The Summa® canisters and soil samples were submitted to Phoenix Environmental Laboratories, Inc. of Manchester, CT, a NYSDOH ELAP certified laboratory, for analysis. The soil vapor and air samples were analyzed for VOCs via modified USEPA Method TO-15 as specified in the June 2009 *RFI Work Plan* to achieve lower reporting limits via selective ion monitoring for TCE, vinyl chloride and carbon tetrachloride. The sub-slab soil samples were analyzed for VOCs via EPA Method 8260, semi-volatile organic compounds (SVOCs) via EPA Method 8270 and metals via EPA Method 6010C.

Expedited laboratory analysis was requested in order to move forward with modifications to the Building as soon as possible. Once the Category B analytical data deliverables are received from the laboratory, a Data Usability Summary Report (DUSR) will be completed in accordance with DER-10 and submitted to NYSDEC and NYSDOH under separate cover.

3 EVALUATION OF SAMPLING RESULTS

Walden reviewed the pre-construction investigation results and compared them to standards and guidance established by NYSDEC and NYSDOH. The soil vapor and sub-slab soil sampling results provide data to characterize conditions beneath the building; no previous sampling investigations were conducted at Building 339 based on information provided by IBM. The analytical data from the September/October 2019 SVI investigation are summarized in Tables 1 through 5 as follows:

- Table 1 summarizes the sub-slab vapor and air sample collection details
- Table 2 summarizes the sub-slab vapor and air sampling results
- Tables 3, 4 and 5 summarize the sub-slab soil sample VOC, SVOC and metals results, respectively

Copies of the laboratory analytical reports are attached as Appendix B.

3.1 Sub-slab Vapor and Air Sampling Results

The sub-slab soil vapor and air results presented in Table 2 were evaluated using the *NYSDOH: Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (dated October 2006 with updates issued by NYSDOH) as a guide. The SVI guidance lists the air guideline values (AGVs) for indoor and outdoor air which that NYSDOH has established for methylene chloride, trichloroethylene (TCE) and tetrachloroethylene (PCE), as indicated in Table 2. The State of New York does not have any standards, criteria or guidance values for concentrations of volatile chemicals in subsurface vapors, so the sub-slab vapor concentrations cannot be compared to any regulatory threshold values. However, the sub-slab vapor concentrations factor into the decision matrices contained in the SVI guidance. The decision matrices are used as a guide only because the majority of the interior areas of Building 339 (except for the electrical room) were open to the outdoor air.

For analytes that do not have AGVs and are not considered in the NYSDOH SVI decision matrices, the NYSDOH SVI guidance Appendix C (*Volatile Organic Chemicals in Air – Summary of Background Databases*) was referenced for typical indoor and outdoor background concentrations of these compounds published in USEPA's 2001 Building Assessment and Survey Evaluation (BASE) database. The 90th percentile BASE concentrations for indoor and outdoor air samples are included in Table 2 for comparison.

- The VOC concentrations reported for the air samples collected in the Building [IA-1, IA-2, IA-3 and IA-2A (the additional sample in the electrical room)] were consistent with the BASE background concentrations and ambient air quality recorded during the sampling at OA-1. None of the concentrations exceeded the respective AGVs or the SVI guidance decision matrix threshold concentrations recommending mitigation.

- The sub-slab vapor results indicate that soils beneath the Building and the outdoor truck unloading area contain a number of vapor phase VOCs (including PCE, acetone, BTEX and dichlorodifluoromethane) at higher concentrations than the air samples collected in the Building.

    - Note that SS-3 required a high dilution factor due to the pressure remaining in the Summa® canister at the time of sample completion; the results for the duplicate sample (SS-DUP) collected at this location are considered representative of the conditions at SS-3.
    - The acetone concentrations in all of the sub-slab vapor samples were approximately two orders of magnitude higher than the concentrations detected in the indoor and outdoor air samples. Although acetone is a common laboratory contaminant, the fact that the elevated concentrations were only detected in the vapor samples suggest that there is an unknown source of acetone vapors beneath the Building.

- As discussed in Section 4, the vapor mitigation system to be installed as part of the Building 339 modifications will prevent vapor phase contaminants from entering the Building via soil vapor intrusion.

3.2 Sub-slab Soil Sampling Results

The laboratory analytical data for the sub-slab soil samples were compared to the NYCRR Part 375-6.8(b) Soil Cleanup Objectives (SCOs) for various categories ranging from unrestricted to residential and commercial use, as shown in Tables 3 through 5.

- No SVOCs were detected in any of the soil samples.
- All of the metals concentrations were less than the unrestricted use SCOs except for the nickel concentration in sample SS-5, which was less than the residential use SCO.

- All of the VOC concentrations were less than the unrestricted use SCOs except for the acetone concentration in sample SS-1, which was less than the residential use SCO.

The sub-slab soil sampling results did not indicate an apparent source of the vapor phase VOC concentrations reported in the sub-slab vapor samples.

4 CONCLUSIONS & RECOMMENDATIONS

4.1 Conclusions

The VOC concentrations in the air samples collected in Building 339 were consistent with USEPA-published background concentrations and ambient air quality recorded during the sampling. The sub-slab soil vapor sampling results reveal that VOC vapors remain in the subsurface beneath Building 339. The sub-slab soil sample results indicate that the soils beneath Building 339 meet the NYCRR Part 375-6.8(b) residential use SCOs.

As discussed below, a vapor mitigation system will be installed as part of the Building 339 modifications to prevent vapor phase contaminants from entering the Building via soil vapor intrusion.

4.2 Recommendations

The following actions are recommended for Building 339 based on the September/October 2019 pre-construction investigation results:

- Inspect and eliminate all potential pathways for soil vapor entry and all sources of VOCs.
    - Seal all floor cracks, seams and penetrations, including drains/pits prior to pouring new floor slab.

- Perform another round of indoor air sampling at Building 339 after construction of the modifications is completed, the Building has been sealed, and prior to tenant occupancy to confirm that indoor air quality is acceptable. The indoor air sampling locations shall be presented to NYSDEC and NYSDOH for approval prior to pre-occupancy testing.

- Install a vapor mitigation system as a preventive measure to ensure protection against soil vapor intrusion.
    - Design details for the mitigation system shall be submitted under separate cover to NYSDEC and NYSDOH for review and approval.
    - The mitigation system shall be designed, installed, operated, maintained and monitored in accordance with the NYSDOH SVI Guidance.

TABLES

iPARK 84 CAMPUS
BUILDING 339
2070 NY ROUTE 52
HOPEWELL JUNCTION, NY

TABLE 1
SUMMARY OF SUB-SLAB, INDOOR AND OUTDOOR AIR SAMPLE INFORMATION
SEPTEMBER 30, 2019

Sample Location	Sample Matrix	Canister Number	Regulator Number	Installation depth*	PID Reading (ppm)	Start Time (24-hour format)	Start Pressure (mmHg)	Stop Time (24-hour format)	Stop Pressure (mmHg)	Location Description	Notes
SS-1	Sub-slab Vapor	28597	5260	25.75	17.2	1109	-32	1817	-6	South side of the building, to the west	
SS-2	Sub-slab Vapor	493	6981	11.25	>130	1040	-30	1806	-5	Middle of the building	
SS-3	Sub-slab Vapor	218	5393	24	>300	1105	-29	1818	-19.5	South side of the building, to the east	
SS-4	Sub-slab Vapor	21326	5704	26	>100	1050	-30	1804	-15	Former AST room, near middle of building	
SS-5	Sub-slab Vapor	19635	331	25.25	52.2	1048	-29	1801	-7	Former AST room, northwest corner	
SS-6	Sub-slab Vapor	28622	3178	25.25	61.4	1047	-32	1806	-8	Former AST room, northeast corner	
SS-7	Sub-slab Vapor	13640	4491	15	13.1	1023	-30	1804	-6	Outside east side of building, to the north end	
SS-8	Sub-slab Vapor	12859	5356	13.5	18.3	1035	-31	1802	-6	Outside east side of building, in the middle	
SS-9	Sub-slab Vapor	23352	5382	14	18.6	1037	-30.5	1800	-7	Outside east side of building, to the south end	
SS-Dup	Sub-slab Vapor	28554	7009	24	>300	1110	-30	1817	-8	(SS-3) South side of the building, to the east	Duplicate of SS-3
IA-1	Indoor Air	28623	3964	48	0.0	1110	-31	1815	-6	South side of the building, to the west	
IA-2	Indoor Air	19931	5357	48	0.0	1040	-32	1808	-6	Middle of the building	
IA-2A	Indoor Air	458	4991	36	0.0	1013	-30	1812	-6	Within the electric room	
IA-3	Indoor Air	28587	4982	36	0.0	1102	-29	1815	-7.5	South side of the building, to the east	
IA-Dup	Indoor Air	471	7044	36	0.0	1116	-29	1811	-8	Within the electric room	Duplicate of IA-2A
OA-1	Outdoor Air	482	4961	36	0.0	1044	-31	1808	-7	Outside of the northeast corner of the building	Ambient outdoor air
NFB-1	Nitrogen	19165	5400	18	0.0	1125	-29	1809	-7	Middle of the building	Nitrogen field blank

Notes:

* - Installation depth is given in inches below the concrete floor for sub-slab vapor points and in inches above the concrete floor for the remaining points.

The temperature during sampling was 64 to 68 degrees fahrenheit; the weather mostly sunny.

iPARK 84 CAMPUS
BUILDING 339
2070 NY ROUTE 52
HOPEWELL JUNCTION, NY

TABLE 2
SUMMARY OF SUB-SLAB, INDOOR AND OUTDOOR AIR SAMPLING RESULTS
SEPTEMBER 30, 2019

					Southern AST Area									
					Sub-slab Vapor Concentration		Indoor Air Concentration		Sub-slab Vapor Concentration				Indoor Air Concentration	
Analyte	**CAS #**	**NYSDOH Air Guideline Value**	**USEPA BASE Indoor Air 90th Percentile Concentration**	**USEPA BASE Outdoor Air 90th Percentile Concentration**	**SS-1**	**Q**	**IA-1**	**Q**	**SS-3***	**Q**	**SS-DUP**	**Q**	**IA-3**	**Q**
Acetone	67-64-1		98.9	43.7	**144**		**3.56**		**909**		**1,120**		**3.8**	
1,1,1-Trichloroethane	71-55-6		20.6	2.6	**1.22**		< 1.09	U	< 266	U	< 1.09	U	< 1.09	U
1,1-Dichloroethene	75-35-4		< 1.4	< 1.4	< 0.40	U	< 0.40	U	< 96.7	U	< 0.40	U	< 0.40	U
1,2,4-Trichlorobenzene	120-82-1		< 6.8	< 6.4	< 1.85	U	< 1.85	U	< 452	U	< 1.85	U	< 1.85	U
1,2-Dichlorobenzene	95-50-1		< 1.2	< 1.2	< 0.90	U	< 0.90	U	< 220	U	< 0.90	U	< 0.90	U
1,3-Dichlorobenzene	541-73-1		< 2.4	< 2.2	< 0.90	U	< 0.90	U	< 220	U	< 0.90	U	< 0.90	U
1,4-Dichlorobenzene	106-46-7		5.5	1.2	< 0.90	U	< 0.90	U	< 220	U	< 0.90	U	< 0.90	U
Benzene	71-43-2		9.4	6.6	**4.41**		**0.18**		< 39.0	U	**4.76**		**0.18**	
Carbon Tetrachloride	56-23-5		< 1.3	0.7	< 0.13	U	**0.4**		< 30.7	U	**0.35**		**0.43**	
Chlorobenzene	108-90-7		< 0.9	< 0.8	< 0.92	U	< 0.92	U	< 225	U	< 0.92	U	< 0.92	U
Cis-1,2-Dichloroethene	156-59-2		< 1.9	< 1.8	< 0.79	U	< 0.79	U	< 193	U	< 0.79	U	< 0.79	U
Dichlorodifluoromethane	75-71-8		16.5	8.1	**319**		**2.38**		< 241	U	**2.56**		**2.38**	
Ethylbenzene	100-41-4		5.7	3.5	**12.4**		< 0.65	U	< 159	U	**27.8**		< 0.65	U
m,p-Xylene	179601-23-1		22.2	12.8	**49.9**		< 0.65	U	< 159	U	**76.4**		< 0.65	U
Methylene Chloride	75-09-2	60	10	6.1	< 1.39	U	< 1.39	U	< 339	U	< 1.39	U	< 1.39	U
o-Xylene	95-47-6		7.9	4.6	**21.4**		< 0.65	U	< 159	U	**27.5**		< 0.65	U
Tetrachloroethene	127-18-4	30	15.9	6.5	**72.5**		< 0.68	U	< 165	U	**2.5**		< 0.68	U
Toluene	108-88-3		43	33.7	**21.6**		< 0.75	U	< 184	U	**25**		< 0.75	U
Trichloroethene	79-01-6	2	4.2	1.3	< 0.20	U	< 0.20	U	< 48.5	U	**0.2**		< 0.20	U
Trichlorofluoromethane	75-69-4		18.1	4.3	**12.8**		**1.13**		< 206	U	**1.89**		**1.24**	
Trichlorotrifluoroethane	76-13-1		3.5	1.6	**2.35**		< 1.15	U	< 280	U	< 1.15	U	< 1.15	U
Vinyl Chloride	75-01-4		< 1.9	< 1.8	< 0.05	U	< 0.05	U	< 12.5	U	< 0.05	U	< 0.05	U

Notes:
Concentrations are provided in micrograms per cubic meter ($\mu g/m^3$).
Q - Qualifier
* - SS-3 required a high dilution factor due to the pressure remaining in the Summa Canister at the time of sample completion; the results for the duplicate sample collected at this location are considered representative of the conditions at SS-3.
Highlighted analytes are included in the NYSDOH Decision Matrices.
Bold concentrations indicate results detected above method detection limits (MDLs).
U - The compound was anlayzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the pratical quantitation reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.

iPARK 84 CAMPUS
BUILDING 339
2070 NY ROUTE 52
HOPEWELL JUNCTION, NY

TABLE 2
SUMMARY OF SUB-SLAB, INDOOR AND OUTDOOR AIR SAMPLING RESULTS
SEPTEMBER 30, 2019

					Central Section								Northern AST Area					
					Sub-slab Vapor Concentration		Indoor Air Concentration		Indoor Air Concentration				Sub-slab Vapor Concentration					
Analyte	**CAS #**	**NYSDOH Air Guideline Value**	**USEPA BASE Indoor Air 90th Percentile Concentration**	**USEPA BASE Outdoor Air 90th Percentile Concentration**	**SS-2**	**Q**	**IA-2**	**Q**	**IA-2A**	**Q**	**IA-DUP**	**Q**	**SS-4**	**Q**	**SS-5**	**Q**	**SS-6**	**Q**
Acetone	67-64-1		98.9	43.7	**560**		**4.82**		**4.44**		**6.27**		**309**		**196**		**513**	
1,1,1-Trichloroethane	71-55-6		20.6	2.6	**14.4**		< 1.09	U	< 1.09	U	< 1.09	U	**2.26**		**3.88**		**1.8**	
1,1-Dichloroethene	75-35-4		< 1.4	< 1.4	< 0.40	U	< 0.40	U	< 0.40	U	< 0.40	U	< 0.40	U	< 0.40	U	< 0.40	U
1,2,4-Trichlorobenzene	120-82-1		< 6.8	< 6.4	< 1.85	U	< 1.85	U	< 1.85	U	< 1.85	U	< 1.85	U	< 1.85	U	< 1.85	U
1,2-Dichlorobenzene	95-50-1		< 1.2	< 1.2	< 0.90	U	< 0.90	U	< 0.90	U	< 0.90	U	< 0.90	U	< 0.90	U	< 0.90	U
1,3-Dichlorobenzene	541-73-1		< 2.4	< 2.2	< 0.90	U	< 0.90	U	< 0.90	U	< 0.90	U	< 0.90	U	< 0.90	U	< 0.90	U
1,4-Dichlorobenzene	106-46-7		5.5	1.2	< 0.90	U	< 0.90	U	< 0.90	U	< 0.90	U	< 0.90	U	< 0.90	U	< 0.90	U
Benzene	71-43-2		9.4	6.6	**3.77**		**0.39**		**0.5**		**0.55**		**3.86**		**4.21**		**7.02**	
Carbon Tetrachloride	56-23-5		< 1.3	0.7	< 0.13	U	**0.41**		**0.4**		**0.44**		< 0.13	U	**0.16**		**0.32**	
Chlorobenzene	108-90-7		< 0.9	< 0.8	< 0.92	U	< 0.92	U	< 0.92	U	< 0.92	U	< 0.92	U	< 0.92	U	< 0.92	U
Cis-1,2-Dichloroethene	156-59-2		< 1.9	< 1.8	< 0.79	U	< 0.79	U	< 0.79	U	< 0.79	U	< 0.79	U	< 0.79	U	< 0.79	U
Dichlorodifluoromethane	75-71-8		16.5	8.1	**8.5**		**2.43**		**2.48**		**2.39**		**20.8**		**63.8**		**16**	
Ethylbenzene	100-41-4		5.7	3.5	**125**		< 0.65	U	< 0.65	U	< 0.65	U	**12.5**		**11.5**		**27.9**	
m,p-Xylene	179601-23-1		22.2	12.8	**332**		**1.28**		**1.48**		**1.54**		**47.7**		**45.1**		**65.1**	
Methylene Chloride	75-09-2	60	10	6.1	< 1.39	U	< 1.39	U	< 1.39	U	< 1.39	U	< 1.39	U	< 1.39	U	< 1.39	U
o-Xylene	95-47-6		7.9	4.6	**129**		< 0.65	U	< 0.65	U	< 0.65	U	**20.1**		**19.1**		**23.4**	
Tetrachloroethene	127-18-4	30	15.9	6.5	< 0.68	U	**1.08**		< 0.68	U	< 0.68	U	**16.9**		**73.9**		**42.5**	
Toluene	108-88-3		43	33.7	**55.4**		**1.82**		**2.39**		**2.47**		**22.2**		**19.8**		**26.4**	
Trichloroethene	79-01-6	2	4.2	1.3	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	**0.74**		**2.13**	
Trichlorofluoromethane	75-69-4		18.1	4.3	**2.99**		**1.17**		**1.18**		**1.2**		**5.9**		**7.97**		**3.04**	
Trichlorotrifluoroethane	76-13-1		3.5	1.6	< 1.15	U	< 1.15	U	< 1.15	U	< 1.15	U	< 1.15	U	**1.72**		< 1.15	U
Vinyl Chloride	75-01-4		< 1.9	< 1.8	< 0.05	U	< 0.05	U	< 0.05	U	< 0.05	U	< 0.05	U	< 0.05	U	< 0.05	U

Notes:
Concentrations are provided in micrograms per cubic meter ($\mu g/m^3$).
Q - Qualifier
* - SS-3 required a high dilution factor due to the pressure remaining in the Summa Canister at the time
sample collected at this location are considered representative of the conditions at SS-3.
Highlighted analytes are included in the NYSDOH Decision Matrices.
Bold concentrations indicate results detected above method detection limits (MDLs).
U - The compound was anlayzed for but not detected at or above the MDL. The number immediately p
reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.

iPARK 84 CAMPUS
BUILDING 339
2070 NY ROUTE 52
HOPEWELL JUNCTION, NY

TABLE 2
SUMMARY OF SUB-SLAB, INDOOR AND OUTDOOR AIR SAMPLING RESULTS
SEPTEMBER 30, 2019

					Truck/Tanker Containment Area									
					Sub-slab Vapor Concentration						Outdoor Air Concentration		Nitrogen Field Blank Concentration	
Analyte	**CAS #**	**NYSDOH Air Guideline Value**	**USEPA BASE Indoor Air 90th Percentile Concentration**	**USEPA BASE Outdoor Air 90th Percentile Concentration**	**SS-7**	**Q**	**SS-8**	**Q**	**SS-9**	**Q**	**OA-1**	**Q**	**NFB-1**	**Q**
Acetone	67-64-1		98.9	43.7	**252**		**387**		**96.6**		**4.32**		**4.44**	
1,1,1-Trichloroethane	71-55-6		20.6	2.6	< 1.09	U	< 1.09	U	< 1.09	U	< 1.09	U	< 1.09	U
1,1-Dichloroethene	75-35-4		< 1.4	< 1.4	< 0.40	U	< 0.40	U	< 0.40	U	< 0.40	U	< 0.40	U
1,2,4-Trichlorobenzene	120-82-1		< 6.8	< 6.4	< 1.85	U	< 1.85	U	< 1.85	U	< 1.85	U	< 1.85	U
1,2-Dichlorobenzene	95-50-1		< 1.2	< 1.2	< 0.90	U	< 0.90	U	< 0.90	U	< 0.90	U	< 0.90	U
1,3-Dichlorobenzene	541-73-1		< 2.4	< 2.2	< 0.90	U	< 0.90	U	< 0.90	U	< 0.90	U	< 0.90	U
1,4-Dichlorobenzene	106-46-7		5.5	1.2	< 0.90	U	< 0.90	U	< 0.90	U	< 0.90	U	< 0.90	U
Benzene	71-43-2		9.4	6.6	**55.6**		**64.2**		**44.1**		**0.18**		**1.15**	
Carbon Tetrachloride	56-23-5		< 1.3	0.7	**0.37**		**0.38**		**0.37**		**0.42**		**0.24**	
Chlorobenzene	108-90-7		< 0.9	< 0.8	< 0.92	U	< 0.92	U	< 0.92	U	< 0.92	U	< 0.92	U
Cis-1,2-Dichloroethene	156-59-2		< 1.9	< 1.8	< 0.79	U	< 0.79	U	< 0.79	U	< 0.79	U	< 0.79	U
Dichlorodifluoromethane	75-71-8		16.5	8.1	**2.25**		**2.23**		**2.5**		**3.46**		**1.35**	
Ethylbenzene	100-41-4		5.7	3.5	**16**		**9.5**		**12.7**		< 0.65	U	**1.15**	
m,p-Xylene	179601-23-1		22.2	12.8	**57.7**		**41.6**		**51.6**		< 0.65	U	**4.56**	
Methylene Chloride	75-09-2	60	10	6.1	< 1.39	U	< 1.39	U	< 1.39	U	< 1.39	U	< 1.39	U
o-Xylene	95-47-6		7.9	4.6	**22.8**		**18.2**		**23**		< 0.65	U	**1.59**	
Tetrachloroethene	127-18-4	30	15.9	6.5	**1.17**		**2.33**		**1.92**		**0.81**		< 0.68	U
Toluene	108-88-3		43	33.7	**18.4**		**20.2**		**20.2**		< 0.75	U	**7.08**	
Trichloroethene	79-01-6	2	4.2	1.3	< 0.20	U	**0.27**		< 0.20	U	**0.32**		< 0.20	U
Trichlorofluoromethane	75-69-4		18.1	4.3	**1.4**		**1.61**		**2.06**		**1.23**		< 0.84	U
Trichlorotrifluoroethane	76-13-1		3.5	1.6	< 1.15	U	< 1.15	U	< 1.15	U	< 1.15	U	< 1.15	U
Vinyl Chloride	75-01-4		< 1.9	< 1.8	< 0.05	U	< 0.05	U	< 0.05	U	< 0.05	U	< 0.05	U

Notes:
Concentrations are provided in micrograms per cubic meter (µg/m^3).
Q - Qualifier
* - SS-3 required a high dilution factor due to the pressure remaining in the Summa Canister at the time sample collected at this location are considered representative of the conditions at SS-3.
Highlighted analytes are included in the NYSDOH Decision Matrices.
Bold concentrations indicate results detected above method detection limits (MDLs).
U - The compound was anlayzed for but not detected at or above the MDL. The number immediately p reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.

iPARK 84 CAMPUS
BUILDING 339
2070 NY ROUTE 52
HOPEWELL JUNCTION, NY

TABLE 3
SUMMARY OF SOIL SAMPLING RESULTS - VOCs ONLY

					Collection Date	10/2/2019		10/1/2019		10/3/2019		10/3/2019		10/3/2019		10/3/2019		10/1/2019		10/1/2019	
					Sample ID	SS-1 (1'-2')		SS-2 (3'-4')		SS-3 (0'-1')		SS-4 (1'-2')		SS-5 (0'-1')		SS-6 (0'-1')		SS-8 (1'-2')		SS-9 (30"-40")	
					Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		NYCRR Part 375 SCOs																			
	CAS	**Commercial Use Soil Cleanup Objective**	**Residential Use Soil Cleanup Objective**	**Unrestricted Use Soil Cleanup Objective**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Volatiles By SW8260C																					
1,1,1,2-Tetrachloroethane	630-20-6				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
1,1,1-Trichloroethane	71-55-6	500,000	100,000	680	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
1,1,2,2-Tetrachloroethane	79-34-5				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
1,1,2-Trichloroethane	79-00-5				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
1,1-Dichloroethane	75-34-3	240,000	19,000	270	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
1,1-Dichloroethene	75-35-4	500,000	100,000	330	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
1,1-Dichloropropene	563-58-6				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
1,2,3-Trichlorobenzene	87-61-6				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
1,2,3-Trichloropropane	96-18-4				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
1,2,4-Trichlorobenzene	120-82-1				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
1,2,4-Trimethylbenzene	95-63-6	190,000	47,000	3,600	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
1,2-Dibromo-3-chloropropane	96-12-8				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
1,2-Dibromoethane	106-93-4				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
1,2-Dichlorobenzene	95-50-1	500,000	100,000	1,100	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
1,2-Dichloroethane	107-06-2	30,000	2,300	20	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
1,2-Dichloropropane	78-87-5				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
1,3,5-Trimethylbenzene	108-67-8	190,000	47,000	8,400	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
1,3-Dichlorobenzene	541-73-1	280,000	17,000	2,400	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
1,3-Dichloropropane	142-28-9				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
1,4-Dichlorobenzene	106-46-7	130,000	9,800	1,800	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
2,2-Dichloropropane	594-20-7				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
2-Chlorotoluene	95-49-8				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
2-Hexanone	591-78-6				< 20	U	< 24	U	< 21	U	< 14	U	< 15	U	< 17	U	< 18	U	< 25	U	
2-Isopropyltoluene	527-84-4				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
4-Chlorotoluene	106-43-4				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
4-Methyl-2-pentanone	108-10-1				< 20	U	< 24	U	< 21	U	< 14	U	< 15	U	< 17	U	< 18	U	< 25	U	
Acetone	67-64-1	500,000	100,000	50	**78**	**S**	**12**	**JS**	**10**	**JS**	< 14	U	< 15	U	< 17	U	**10**	**JS**	**5.6**	**JS**	
Acrylonitrile	107-13-1				< 8.1	U	< 9.7	U	< 8.5	U	< 5.7	U	< 5.8	U	< 6.7	U	< 7.2	U	< 10	U	
Benzene	71-43-2	44,000	2,900	60	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
Bromobenzene	108-86-1				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
Bromochloromethane	74-97-5				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
Bromodichloromethane	75-27-4				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
Bromoform	75-25-2				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
Bromomethane	74-83-9				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
Carbon Disulfide	75-15-0				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
Carbon tetrachloride	56-23-5	22,000	1,400	760	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	
Chlorobenzene	108-90-7	500,000	100,000	1,100	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U	

iPARK 84 CAMPUS
BUILDING 339
2070 NY ROUTE 52
HOPEWELL JUNCTION, NY

TABLE 3
SUMMARY OF SOIL SAMPLING RESULTS - VOCs ONLY

					Collection Date		10/2/2019		10/1/2019		10/3/2019		10/3/2019		10/3/2019		10/3/2019		10/1/2019		10/1/2019	
					Sample ID		SS-1 (1'-2')		SS-2 (3'-4')		SS-3 (0'-1')		SS-4 (1'-2')		SS-5 (0'-1')		SS-6 (0'-1')		SS-8 (1'-2')		SS-9 (30"-40")	
					Matrix		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		NYCRR Part 375 SCOs																				
	CAS	**Commercial Use Soil Cleanup Objective**	**Residential Use Soil Cleanup Objective**	**Unrestricted Use Soil Cleanup Objective**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Chloroethane	75-00-3				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
Chloroform	67-66-3	350,000	10,000	370	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
Chloromethane	74-87-3				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
cis-1,2-Dichloroethene	156-59-2	500,000	59,000	250	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
cis-1,3-Dichloropropene	10061-01-5				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
Dibromochloromethane	124-48-1				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
Dibromomethane	74-95-3				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
Dichlorodifluoromethane	75-71-8				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
Ethylbenzene	100-41-4	390,000	30,000	1,000	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
Hexachlorobutadiene	87-68-3				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
Isopropylbenzene	98-82-8				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
m&p-Xylene	179601-23-1				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	**0.63**	**J**	< 3.4	U	< 3.6	U	< 5.0	U		
Methyl Ethyl Ketone	78-93-3	500,000	100,000	120	< 24	U	< 29	U	< 26	U	< 17	U	< 17	U	< 20	U	< 22	U	< 30	U		
Methyl t-butyl ether (MTBE)	1634-04-4	500,000	62,000	930	< 8.1	U	< 9.7	U	< 8.5	U	< 5.7	U	< 5.8	U	< 6.7	U	< 7.2	U	< 10	U		
Methylene chloride	75-09-2	500,000	51,000	50	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
Naphthalene	91-20-3	500,000	100,000	12,000	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
n-Butylbenzene	104-51-8	500,000	100,000	12,000	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
n-Propylbenzene	103-65-1	500,000	100,000	3,900	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
o-Xylene	95-47-6				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
p-Isopropyltoluene	99-87-6				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
sec-Butylbenzene	135-98-8	500,000	100,000	11,000	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
Styrene	100-42-5				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
tert-Butylbenzene	98-06-6	500,000	100,000	5,900	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
Tetrachloroethene	127-18-4	150,000	5,500	1,300	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	**0.9**	**J**	< 3.4	U	< 3.6	U	< 5.0	U		
Tetrahydrofuran (THF)	109-99-9				< 8.1	U	< 9.7	U	< 8.5	U	< 5.7	U	< 5.8	U	< 6.7	U	< 7.2	U	< 10	U		
Toluene	108-88-3	500,000	100,000	700	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
trans-1,2-Dichloroethene	156-60-5	500,000	100,000	190	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
trans-1,3-Dichloropropene	10061-02-6				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
trans-1,4-dichloro-2-butene	110-57-6				< 8.1	U	< 9.7	U	< 8.5	U	< 5.7	U	< 5.8	U	< 6.7	U	< 7.2	U	< 10	U		
Trichloroethene	79-01-6	200,000	10,000	470	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
Trichlorofluoromethane	75-69-4				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
Trichlorotrifluoroethane	76-13-1				< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		
Vinyl chloride	75-01-4	13,000	210	20	< 4.1	U	< 4.8	U	< 4.3	U	< 2.9	U	< 2.9	U	< 3.4	U	< 3.6	U	< 5.0	U		

Notes:
Concentrations are provided in micrograms per kilogram (µg/Kg).
U - The compound was anlayzed for but not detected at or above the Method Detection Limit (MDL). The number immediately preceding the "U" represents the Practical Quantitation Level (PQL) corrected for percent solids, weight and/or volume calculations, and dilution factors.
Bold results indicate those detected above MDLs.
Highlighted results indicate those detected above Unrestricted Use Soil Cleanup Objectives.
J - The value is estimated. This flag is used (a) on form 1 when the compound is reported above the MDL, but below the PQL, and (b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
S - This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.

iPARK 84 CAMPUS
BUILDING 339
2070 NY ROUTE 52
HOPEWELL JUNCTION, NY

TABLE 4
SUMMARY OF SOIL SAMPLING RESULTS - SVOCs ONLY

					Collection Date		10/2/2019		10/1/2019		10/3/2019		10/3/2019		10/3/2019		10/3/2019		10/1/2019		10/1/2019	
					Sample ID		SS-1 (1'-2')		SS-2 (3'-4')		SS-3 (0'-1')		SS-4 (1'-2')		SS-5 (0'-1')		SS-6 (0'-1')		SS-8 (1'-2')		SS-9 (30"-40")	
					Matrix		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		NYCRR Part 375 SCOs																				
	CAS	**Commercial Use Soil Cleanup Objective**	**Residential Use Soil Cleanup Objective**	**Unrestricted Use Soil Cleanup Objective**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Semivolatiles By SW8270D																						
1,2,4,5-Tetrachlorobenzene	95-94-3				< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
1,2,4-Trichlorobenzene	120-82-1				< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
1,2-Dichlorobenzene	95-50-1	500,000	100,000	1,100	< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
1,2-Diphenylhydrazine	122-66-7				< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
1,3-Dichlorobenzene	541-73-1	280,000	17,000	2,400	< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
1,4-Dichlorobenzene	106-46-7	130,000	9,800	1,800	< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
2,4,5-Trichlorophenol	95-95-4				< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
2,4,6-Trichlorophenol	88-06-2				< 170	U	< 180	U	< 190	U	< 180	U	< 180	U	< 180	U	< 180	U	< 170	U		
2,4-Dichlorophenol	120-83-2				< 170	U	< 180	U	< 190	U	< 180	U	< 180	U	< 180	U	< 180	U	< 170	U		
2,4-Dimethylphenol	105-67-9				< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
2,4-Dinitrophenol	51-28-5				< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
2,4-Dinitrotoluene	121-14-2				< 170	U	< 180	U	< 190	U	< 180	U	< 180	U	< 180	U	< 180	U	< 170	U		
2,6-Dinitrotoluene	606-20-2				< 170	U	< 180	U	< 190	U	< 180	U	< 180	U	< 180	U	< 180	U	< 170	U		
2-Chloronaphthalene	91-58-7				< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
2-Chlorophenol	95-57-8				< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
2-Methylnaphthalene	91-57-6				< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
2-Methylphenol (o-cresol)	95-48-7	500,000	100,000	330	< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
2-Nitroaniline	88-74-4				< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
2-Nitrophenol	88-75-5				< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
3&4-Methylphenol (m&p-cresol)	n/a				< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
3,3'-Dichlorobenzidine	91-94-1				< 170	U	< 180	U	< 190	U	< 180	U	< 180	U	< 180	U	< 180	U	< 170	U		
3-Nitroaniline	99-09-2				< 340	U	< 360	U	< 370	U	< 360	U	< 360	U	< 360	U	< 360	U	< 340	U		
4,6-Dinitro-2-methylphenol	534-52-1				< 200	U	< 220	U	< 220	U	< 220	U	< 210	U	< 210	U	< 210	U	< 200	U		
4-Bromophenyl phenyl ether	101-55-3				< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
4-Chloro-3-methylphenol	59-50-7				< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
4-Chloroaniline	106-47-8				< 270	U	< 290	U	< 300	U	< 290	U	< 290	U	< 290	U	< 290	U	< 270	U		
4-Chlorophenyl phenyl ether	7005-72-3				< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
4-Nitroaniline	100-01-6				< 340	U	< 360	U	< 370	U	< 360	U	< 360	U	< 360	U	< 360	U	< 340	U		
4-Nitrophenol	100-02-7				< 340	U	< 360	U	< 370	U	< 360	U	< 360	U	< 360	U	< 360	U	< 340	U		
Acenaphthene	83-32-9	500,000	100,000	20,000	< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
Acenaphthylene	208-96-8	500,000	100,000	100,000	< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
Acetophenone	98-86-2				< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
Aniline	62-53-3				< 270	U	< 290	U	< 300	U	< 290	U	< 290	U	< 290	U	< 290	U	< 270	U		
Anthracene	120-12-7	500,000	100,000	100,000	< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
Benz(a)anthracene	56-55-3	5,600	1,000	1,000	< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U		
Benzidine	92-87-5				< 340	U	< 360	U	< 370	U	< 360	U	< 360	U	< 360	U	< 360	U	< 340	U		
Benzo(a)pyrene	50-32-8	1,000	1,000	1,000	< 170	U	< 180	U	< 190	U	< 180	U	< 180	U	< 180	U	< 180	U	< 170	U		

iPARK 84 CAMPUS
BUILDING 339
2070 NY ROUTE 52
HOPEWELL JUNCTION, NY

TABLE 4
SUMMARY OF SOIL SAMPLING RESULTS - SVOCs ONLY

					Collection Date	10/2/2019		10/1/2019		10/3/2019		10/3/2019		10/3/2019		10/3/2019		10/1/2019		10/1/2019	
					Sample ID	SS-1 (1'-2')		SS-2 (3'-4')		SS-3 (0'-1')		SS-4 (1'-2')		SS-5 (0'-1')		SS-6 (0'-1')		SS-8 (1'-2')		SS-9 (30"-40")	
					Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		NYCRR Part 375 SCOs																			
	CAS	**Commercial Use Soil Cleanup Objective**	**Residential Use Soil Cleanup Objective**	**Unrestricted Use Soil Cleanup Objective**		**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Benzo(b)fluoranthene	205-99-2	5,600	1,000	1,000		< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Benzo(ghi)perylene	191-24-2	500,000	100,000	100,000		< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Benzo(k)fluoranthene	207-08-9	56,000	1,000	800		< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Benzoic acid	65-85-0					< 1,700	U	< 1,800	U	< 1,900	U	< 1,800	U	< 1,800	U	< 1,800	U	< 1,800	U	< 1,700	U
Benzyl butyl phthalate	85-68-7					< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Bis(2-chloroethoxy)methane	111-91-1					< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Bis(2-chloroethyl)ether	111-44-4					< 170	U	< 180	U	< 190	U	< 180	U	< 180	U	< 180	U	< 180	U	< 170	U
Bis(2-chloroisopropyl)ether	39638-32-9					< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Bis(2-ethylhexyl)phthalate	117-81-7					< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Carbazole	86-74-8					< 170	U	< 180	U	< 190	U	< 180	U	< 180	U	< 180	U	< 180	U	< 170	U
Chrysene	218-01-9	56,000	1,000	1,000		< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Dibenz(a,h)anthracene	53-70-3	560	330	330		< 170	U	< 180	U	< 190	U	< 180	U	< 180	U	< 180	U	< 180	U	< 170	U
Dibenzofuran	132-64-9	350,000	14,000	7,000		< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Diethyl phthalate	84-66-2					< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Dimethylphthalate	131-11-3					< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Di-n-butylphthalate	84-74-2					< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Di-n-octylphthalate	117-84-0					< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Fluoranthene	206-44-0	500,000	100,000	100,000		< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Fluorene	86-73-7	500,000	100,000	30,000		< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Hexachlorobenzene	118-74-1	6,000	330	330		< 170	U	< 180	U	< 190	U	< 180	U	< 180	U	< 180	U	< 180	U	< 170	U
Hexachlorobutadiene	87-68-3					< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Hexachlorocyclopentadiene	77-47-4					< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Hexachloroethane	67-72-1					< 170	U	< 180	U	< 190	U	< 180	U	< 180	U	< 180	U	< 180	U	< 170	U
Indeno(1,2,3-cd)pyrene	193-39-5	5,600	500	500		< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Isophorone	78-59-1					< 170	U	< 180	U	< 190	U	< 180	U	< 180	U	< 180	U	< 180	U	< 170	U
Naphthalene	91-20-3	500,000	100,000	12,000		< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Nitrobenzene	98-95-3					< 170	U	< 180	U	< 190	U	< 180	U	< 180	U	< 180	U	< 180	U	< 170	U
N-Nitrosodimethylamine	62-75-9					< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
N-Nitrosodi-n-propylamine	621-64-7					< 170	U	< 180	U	< 190	U	< 180	U	< 180	U	< 180	U	< 180	U	< 170	U
N-Nitrosodiphenylamine	86-30-6					< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Pentachloronitrobenzene	82-68-8					< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Pentachlorophenol	87-86-5	6,700	2,400	800		< 200	U	< 220	U	< 220	U	< 220	U	< 210	U	< 210	U	< 210	U	< 200	U
Phenanthrene	85-01-8	500,000	100,000	100,000		< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Phenol	108-95-2	500,000	100,000	330		< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Pyrene	129-00-0	500,000	100,000	100,000		< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U
Pyridine	110-86-1					< 240	U	< 260	U	< 260	U	< 250	U	< 250	U	< 250	U	< 250	U	< 240	U

Notes:
Concentrations are provided in micrograms per kilogram (µg/kg).

U - The compound was anlayzed for but not detected at or above the Method Detection Limit (MDL). The number immediately preceding the "U" represents the Practical Quantitation Level (PQL) corrected for percent solids, weight and/or volume calculations, and dilution factors.

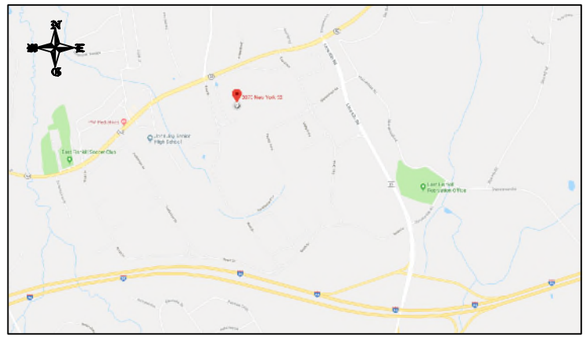
iPARK 84 CAMPUS
BUILDING 339
2070 NY ROUTE 52
HOPEWELL JUNCTION, NY

TABLE 5
SUMMARY OF SOIL SAMPLING RESULTS - METALS ONLY

				Collection Date	10/2/2019		10/1/2019		10/3/2019		10/3/2019		10/3/2019		10/3/2019		10/1/2019		10/1/2019	
				Sample ID	SS-1 (1'-2')		SS-2 (3'-4')		SS-3 (0'-1')		SS-4 (1'-2')		SS-5 (0'-1')		SS-6 (0'-1')		SS-8 (1'-2')		SS-9 (30"-40")	
				Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		NYCRR Part 375 SCOs																		
	CAS	**Commercial Use Soil Cleanup Objective**	**Residential Use Soil Cleanup Objective**	**Unrestricted Use Soil Cleanup Objective**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Metals, Total																				
Aluminum	7429-90-5				**11,100**		**11,600**		**4,350**		**11,300**		**11,300**		**12,300**		**8,700**		**6,990**	
Antimony	7440-36-0				< 3.5	U	< 3.3	U	< 3.4	U	< 3.6	U	< 3.5	U	< 3.6	U	< 3.6	U	< 3.2	U
Arsenic	7440-38-2	16	16	13	**5.78**		**5.97**		**3.96**		**7.65**		**6.04**		**6.96**		**7.13**		**5.2**	
Barium	7440-39-3	400	350	350	**34.6**		**32.6**		**27.4**		**39.9**		**59.3**		**67.2**		**36.8**		**34.9**	
Beryllium	7440-41-7	590	14	7.2	**0.41**		**0.53**		**0.24**	**J**	**0.44**		**0.41**		**0.46**		**0.39**		**0.33**	
Cadmium	7440-43-9	9.3	2.5	2.5	**0.73**		**0.66**		**0.35**		**0.51**		**0.57**		**0.61**		**0.63**		**0.53**	
Calcium	7440-70-2				**32,200**		**20,000**		**149,000**		**35,800**		**32,600**		**24,900**		**52,700**		**75,900**	
Chromium	7440-47-3			30	**12.8**		**17.2**		**7.91**		**12.8**		**25.3**		**13.5**		**12.7**		**11.3**	
Cobalt	7440-48-4				**10.6**		**10.7**		**8.03**		**11.5**		**11.5**		**10.8**		**9**		**7.66**	
Copper	7440-50-8	270	270	50	**27.9**		**30.5**		**17.9**		**28**		**48.1**		**26.8**		**23.4**		**20.4**	
Iron	7439-89-6				**25,200**		**26,500**		**13,600**		**24,000**		**25,000**		**26,300**		**21,700**		**17,700**	
Lead	7439-92-1	1,000	400	63	**12.9**		**12.2**		**8.5**		**16**		**12.3**		**24.3**		**11**		**9.6**	
Magnesium	7439-95-4				**21,300**		**7,100**		**46,500**		**24,400**		**20,700**		**18,400**		**31,600**		**46,000**	
Manganese	7439-96-5	10,000	2,000	1,600	**672**		**641**		**379**		**675**		**672**		**791**		**691**		**499**	
Mercury	7439-97-6	2.8	0.81	0.18	< 0.07	U	< 0.03	U	< 0.07	U	< 0.07	U	< 0.07	U	< 0.07	U	< 0.03	U	< 0.03	U
Nickel	7440-02-0	310	140	30	**21**		**22.3**		**14.6**		**21.1**		**65.2**		**20.9**		**18.3**		**15.5**	
Potassium	9/7/7440				**1,410**		**1,620**		**2,370**		**2,370**		**1,520**		**1,880**		**1,550**		**1,440**	
Selenium	7782-49-2	1,500	36	3.9	< 1.4	U	< 1.3	U	< 1.4	U	< 1.4	U	< 1.4	U	< 1.4	U	< 1.4	U	< 1.3	U
Silver	7440-22-4	1,500	36	2	< 0.35	U	< 0.33	U	< 0.34	U	< 0.36	U	< 0.35	U	< 0.36	U	< 0.36	U	< 0.32	U
Sodium	7440-23-5				**145**		**303**		**85**		**135**		**203**		**484**		**179**		**162**	
Thallium	7440-28-0				< 1.4	U	< 1.3	U	< 1.4	U	< 1.4	U	< 1.4	U	< 1.4	U	< 1.4	U	< 1.3	U
Vanadium	7440-62-2				**14.8**		**18.4**		**9.31**		**16.2**		**15.6**		**16.5**		**13.7**		**13.4**	
Zinc	7440-66-6	10,000	2,200	109	**97.9**		**66.3**		**22.3**		**52.7**		**69.7**		**67.7**		**48.9**		**36.5**	

Notes:
Concentrations are provided in milligrams per kilogram (mg/kg).
U - The compound was anlayzed for but not detected at or above the Method Detection Limit (MDL). The number immediately preceding the "U" represents the Practical Quantitation Level (PQL) corrected for percent solids, weight and/or volume calculations, and dilution factors.
Bold results indicate those detected above MDLs.
Highlighted results indicate those detected above Unrestricted Use Soil Cleanup Objectives.

FIGURES



SITE LOCATION

NOT TO SCALE

SOURCE: GOOGLEMAPS.COM

SITE PLAN

1" = 800'-0"

0 400 800 1600 2400

SCALE: 1"=800'

LEGEND

PROPERTY LINE

SITE BASEMAP: CHAZAN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO. D.P.C. POUGHKEEPSIE, NY (XBASE-SVY_51421-00.DWG 8/10/15); PARCELS: XSUBD_51539-00.DWG.

WALDEN ENVIRONMENTAL ENGINEERING, PLLC
16 SPRING STREET
OYSTER BAY, NEW YORK 11771
P: (516) 624-7200 F: (516) 624-3219
WWW.WALDENENVIRONMENTALENGINEERING.COM

Walden Environmental Engineering

NO	DATE	REVISION COMMENTS

FOR: BUILDING 339
iPark 84 Campus
2070 State Route 52 Hopewell Junction, NY 12533

DESIGNED BY: LL | DRAWN BY: LTG
APPROVED BY: JMH | SCALE: AS NOTED

DRAWING TITLE: LOCATION MAP
BUILDING 339 - PRE-CONSTRUCTION SAMPLING SUMMARY REPORT

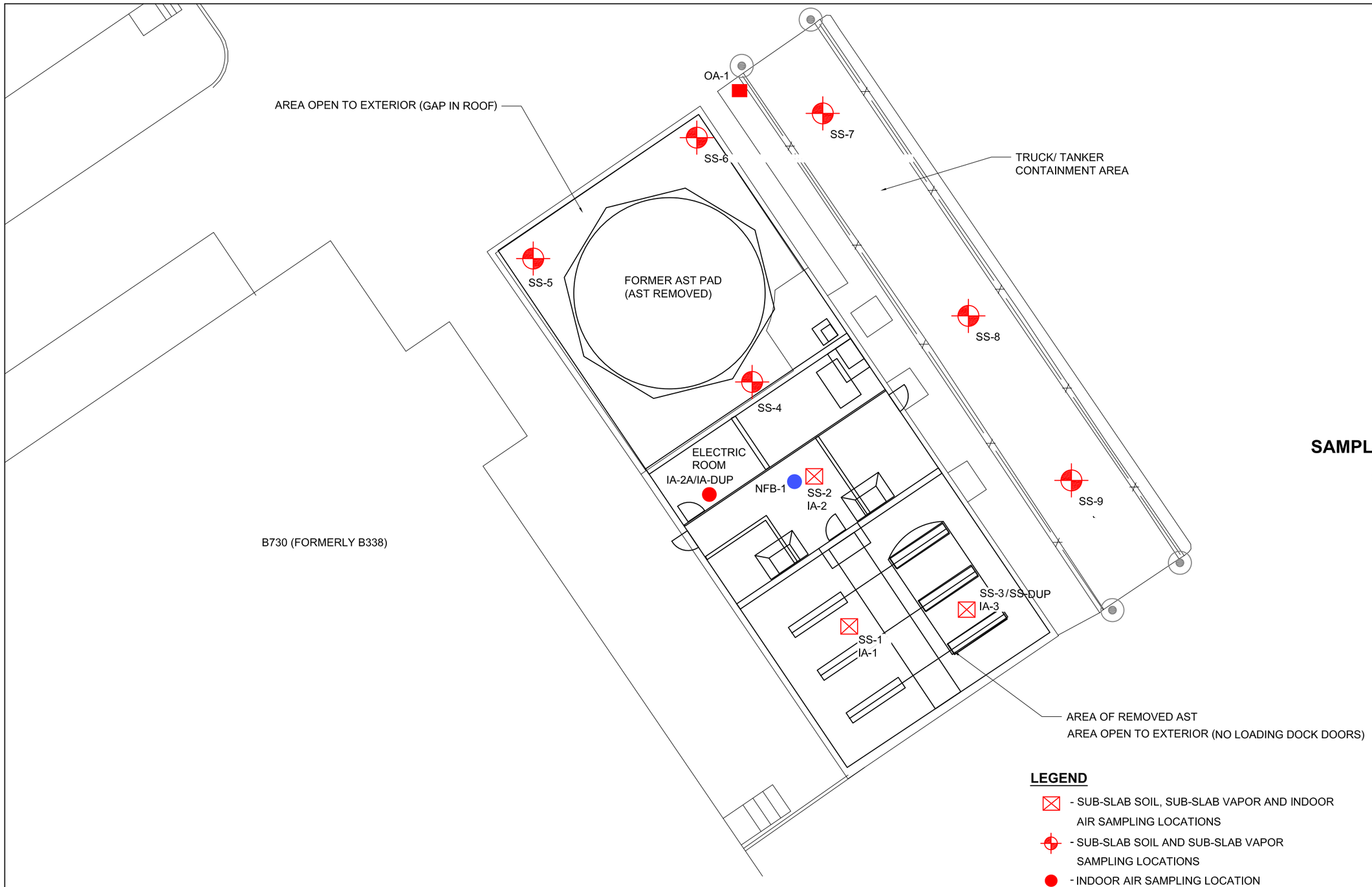
JOB NO: iPARK0118.34 | DATE:OCTOBER 2019 | 11x17

CAD FILE NAME: Z:\iPark0118\iPark0118.34 - Bldg 339\Figure1 Site Plan.dwg

DRAWING NO: 1 | SHEET NO: 1 OF 1

ISSUED

REVISION NO: 0



BUILDING 339
SAMPLING LOCATIONS

SCALE: 1/16" = 1'-0"

LEGEND

- ⊠ - SUB-SLAB SOIL, SUB-SLAB VAPOR AND INDOOR AIR SAMPLING LOCATIONS
- ⊕ - SUB-SLAB SOIL AND SUB-SLAB VAPOR SAMPLING LOCATIONS
- ● - INDOOR AIR SAMPLING LOCATION
- ■ - OUTDOOR AIR SAMPLING LOCATION
- ● - NITROGEN FIELD BLANK

0 ½ 1 2 3

1/16

SCALE: 1/16"=1'

Walden Environmental Engineering

WALDEN ENVIRONMENTAL ENGINEERING, PLLC
16 SPRING STREET
OYSTER BAY, NEW YORK 11771
P: (516) 624-7200 F: (516) 624-3219
WWW.WALDENENVIRONMENTALENGINEERING.COM

REVISION		
No.	DATE	COMMENTS

FOR: BUILDING 339
iPark 84 Campus
2070 State Route 52
Hopewell Junction, NY 12533

DRAWING TITLE: SITE MAP WITH SAMPLING LOCATIONS
BUILDING 339 - PRE-CONSTRUCTION SAMPLING SUMMARY REPORT

FIGURE NO: 2

ISSUED

REVISION NO: 0

DESIGNED BY: NMB / GW | DRAWN BY: EJK | JOB NO: IPARK118.34 | DATE: 9/6/19 | 11x17 | SHEET NO: 2 OF 2

APPROVED BY: JMH | SCALE: AS NOTED | CAD FILE NAME: Z:\iPark\0118\iPark0118.34 - Bldg 339 Plug0

APPENDICES

APPENDIX A
Photolog

Photograph 1

Plastic sheeting being installed to cover open passages to the center of the building. A grate covered drainage structure is shown, bottom left.

Photograph 2

View of SS-1/IA-1 with loading dock door opening in background.

Photograph 3

View of IA-3, SS-3/SS-DUP.

Photograph 4

SS-7, SS-8 and SS-9, foreground to background (at the traffic cones).

Photograph 5

OA-1 on stairs at north end of Building 339.

Photograph 6

IA-2 (foreground), SS-2 (to the left) and NFB-1 (near orange bucket, middle right); showing open doorway sealed with plastic.

Photograph 7

IA-2A/IA-DUP in electric room.

Photograph 8

Concrete core-drill being utilized at SS-7.

APPENDIX B
Laboratory Analytical Reports

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

October 03, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	GW/KW	09/30/19	18:11
Location Code:	WALDENE	Received by:	CP	10/01/19	15:18
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				
Canister Id:	471				

Laboratory Data

SDG ID: GCE24129
Phoenix ID: CE24129

Project ID: IPARK 0118.34
Client ID: IA-DUP-093019

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1-Trichloroethane	ND	*0.200*	0.200	ND	*1.09*	1.09	10/02/19	KCA	1
1,1-Dichloroethene	ND	*0.100*	0.100	ND	*0.40*	0.40	10/02/19	KCA	1
1,2,4-Trichlorobenzene	ND	*0.250*	0.250	ND	*1.85*	1.85	10/02/19	KCA	1
1,2-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,3-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,4-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
Acetone	2.64	*1.00*	1.00	6.27	*2.37*	2.37	10/02/19	KCA	1
Benzene	0.171	*0.050*	0.050	0.55	*0.16*	0.16	10/02/19	KCA	1
Carbon Tetrachloride	0.070	*0.020*	0.020	0.44	*0.13*	0.13	10/02/19	KCA	1
Chlorobenzene	ND	*0.200*	0.200	ND	*0.92*	0.92	10/02/19	KCA	1
Cis-1,2-Dichloroethene	ND	*0.200*	0.200	ND	*0.79*	0.79	10/02/19	KCA	1
Dichlorodifluoromethane	0.484	*0.200*	0.200	2.39	*0.99*	0.99	10/02/19	KCA	1
Ethylbenzene	ND	*0.150*	0.150	ND	*0.65*	0.65	10/02/19	KCA	1
m,p-Xylene	0.356	*0.150*	0.150	1.54	*0.65*	0.65	10/02/19	KCA	1
Methylene Chloride	ND	*0.400*	0.400	ND	*1.39*	1.39	10/02/19	KCA	1
o-Xylene	ND	*0.150*	0.150	ND	*0.65*	0.65	10/02/19	KCA	1
Tetrachloroethene	ND	*0.100*	0.100	ND	*0.68*	0.68	10/02/19	KCA	1
Toluene	0.657	*0.200*	0.200	2.47	*0.75*	0.75	10/02/19	KCA	1
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	10/02/19	KCA	1
Trichlorofluoromethane	0.214	*0.150*	0.150	1.20	*0.84*	0.84	10/02/19	KCA	1
Trichlorotrifluoroethane	ND	*0.150*	0.150	ND	*1.15*	1.15	10/02/19	KCA	1
Vinyl Chloride	ND	*0.020*	0.020	ND	*0.05*	0.05	10/02/19	KCA	1
QA/QC Surrogates/Internals									
% Bromofluorobenzene	102	*%*	%	102	*%*	%	10/02/19	KCA	1
% IS-1,4-Difluorobenzene	108	*%*	%	108	*%*	%	10/02/19	KCA	1
% IS-Bromochloromethane	101	*%*	%	101	*%*	%	10/02/19	KCA	1

Project ID: IPARK 0118.34
Client ID: IA-DUP-093019

Phoenix I.D.: CE24129

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Chlorobenzene-d5	107	%	%	107	%	%	10/02/19	KCA	1

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
October 03, 2019
Official Report Release To Follow

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

October 03, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	GW/KW	09/30/19	18:01
Location Code:	WALDENE	Received by:	CP	10/01/19	15:18
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				
Canister Id:	19635				

Laboratory Data

SDG ID: GCE24129
Phoenix ID: CE24130

Project ID: IPARK 0118.34
Client ID: SS-5-093019

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1-Trichloroethane	0.711	*0.200*	0.200	3.88	*1.09*	1.09	10/02/19	KCA	1
1,1-Dichloroethene	ND	*0.100*	0.100	ND	*0.40*	0.40	10/02/19	KCA	1
1,2,4-Trichlorobenzene	ND	*0.250*	0.250	ND	*1.85*	1.85	10/02/19	KCA	1
1,2-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,3-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,4-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
Acetone	82.7	*5.00*	5.00	196	*11.9*	11.9	10/02/19	KCA	5
Benzene	1.32	*0.050*	0.050	4.21	*0.16*	0.16	10/02/19	KCA	1
Carbon Tetrachloride	0.026	*0.020*	0.020	0.16	*0.13*	0.13	10/02/19	KCA	1
Chlorobenzene	ND	*0.200*	0.200	ND	*0.92*	0.92	10/02/19	KCA	1
Cis-1,2-Dichloroethene	ND	*0.200*	0.200	ND	*0.79*	0.79	10/02/19	KCA	1
Dichlorodifluoromethane	12.9	*0.200*	0.200	63.8	*0.99*	0.99	10/02/19	KCA	1
Ethylbenzene	2.65	*0.150*	0.150	11.5	*0.65*	0.65	10/02/19	KCA	1
m,p-Xylene	10.4	*0.150*	0.150	45.1	*0.65*	0.65	10/02/19	KCA	1
Methylene Chloride	ND	*0.400*	0.400	ND	*1.39*	1.39	10/02/19	KCA	1
o-Xylene	4.39	*0.150*	0.150	19.1	*0.65*	0.65	10/02/19	KCA	1
Tetrachloroethene	10.9	*0.100*	0.100	73.9	*0.68*	0.68	10/02/19	KCA	1
Toluene	5.27	*0.200*	0.200	19.8	*0.75*	0.75	10/02/19	KCA	1
Trichloroethene	0.138	*0.037*	0.037	0.74	*0.20*	0.20	10/02/19	KCA	1
Trichlorofluoromethane	1.42	*0.150*	0.150	7.97	*0.84*	0.84	10/02/19	KCA	1
Trichlorotrifluoroethane	0.225	*0.150*	0.150	1.72	*1.15*	1.15	10/02/19	KCA	1
Vinyl Chloride	ND	*0.020*	0.020	ND	*0.05*	0.05	10/02/19	KCA	1
QA/QC Surrogates/Internals									
% Bromofluorobenzene	98	%	%	98	%	%	10/02/19	KCA	1
% IS-1,4-Difluorobenzene	105	%	%	105	%	%	10/02/19	KCA	1
% IS-Bromochloromethane	97	%	%	97	%	%	10/02/19	KCA	1

Project ID: IPARK 0118.34
Client ID: SS-5-093019

Phoenix I.D.: CE24130

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Chlorobenzene-d5	113	%	%	113	%	%	10/02/19	KCA	1
% Bromofluorobenzene (5x)	102	%	%	102	%	%	10/02/19	KCA	5
% IS-1,4-Difluorobenzene (5x)	111	%	%	111	%	%	10/02/19	KCA	5
% IS-Bromochloromethane (5x)	117	%	%	117	%	%	10/02/19	KCA	5
% IS-Chlorobenzene-d5 (5x)	108	%	%	108	%	%	10/02/19	KCA	5

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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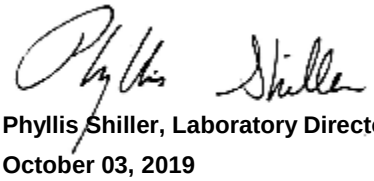
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
October 03, 2019
Official Report Release To Follow

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

October 03, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	GW/KW	09/30/19	18:02
Location Code:	WALDENE	Received by:	CP	10/01/19	15:18
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				
Canister Id:	12859				

Laboratory Data

SDG ID: GCE24129
Phoenix ID: CE24131

Project ID: IPARK 0118.34
Client ID: SS-8-093019

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1-Trichloroethane	ND	*0.200*	0.200	ND	*1.09*	1.09	10/02/19	KCA	1
1,1-Dichloroethene	ND	*0.100*	0.100	ND	*0.40*	0.40	10/02/19	KCA	1
1,2,4-Trichlorobenzene	ND	*0.250*	0.250	ND	*1.85*	1.85	10/02/19	KCA	1
1,2-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,3-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,4-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
Acetone	163	*10.0*	10.0	387	*23.7*	23.7	10/02/19	KCA	10
Benzene	20.1	*0.050*	0.050	64.2	*0.16*	0.16	10/02/19	KCA	1
Carbon Tetrachloride	0.061	*0.020*	0.020	0.38	*0.13*	0.13	10/02/19	KCA	1
Chlorobenzene	ND	*0.200*	0.200	ND	*0.92*	0.92	10/02/19	KCA	1
Cis-1,2-Dichloroethene	ND	*0.200*	0.200	ND	*0.79*	0.79	10/02/19	KCA	1
Dichlorodifluoromethane	0.452	*0.200*	0.200	2.23	*0.99*	0.99	10/02/19	KCA	1
Ethylbenzene	2.19	*0.150*	0.150	9.5	*0.65*	0.65	10/02/19	KCA	1
m,p-Xylene	9.58	*0.150*	0.150	41.6	*0.65*	0.65	10/02/19	KCA	1
Methylene Chloride	ND	*0.400*	0.400	ND	*1.39*	1.39	10/02/19	KCA	1
o-Xylene	4.19	*0.150*	0.150	18.2	*0.65*	0.65	10/02/19	KCA	1
Tetrachloroethene	0.344	*0.100*	0.100	2.33	*0.68*	0.68	10/02/19	KCA	1
Toluene	5.36	*0.200*	0.200	20.2	*0.75*	0.75	10/02/19	KCA	1
Trichloroethene	0.050	*0.037*	0.037	0.27	*0.20*	0.20	10/02/19	KCA	1
Trichlorofluoromethane	0.287	*0.150*	0.150	1.61	*0.84*	0.84	10/02/19	KCA	1
Trichlorotrifluoroethane	ND	*0.150*	0.150	ND	*1.15*	1.15	10/02/19	KCA	1
Vinyl Chloride	ND	*0.020*	0.020	ND	*0.05*	0.05	10/02/19	KCA	1
QA/QC Surrogates/Internals									
% Bromofluorobenzene	98	*%*	%	98	*%*	%	10/02/19	KCA	1
% IS-1,4-Difluorobenzene	111	*%*	%	111	*%*	%	10/02/19	KCA	1
% IS-Bromochloromethane	106	*%*	%	106	*%*	%	10/02/19	KCA	1

Project ID: IPARK 0118.34
Client ID: SS-8-093019

Phoenix I.D.: CE24131

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Chlorobenzene-d5	118	%	%	118	%	%	10/02/19	KCA	1
% Bromofluorobenzene (10x)	103	%	%	103	%	%	10/02/19	KCA	10
% IS-1,4-Difluorobenzene (10x)	112	%	%	112	%	%	10/02/19	KCA	10
% IS-Bromochloromethane (10x)	115	%	%	115	%	%	10/02/19	KCA	10
% IS-Chlorobenzene-d5 (10x)	108	%	%	108	%	%	10/02/19	KCA	10

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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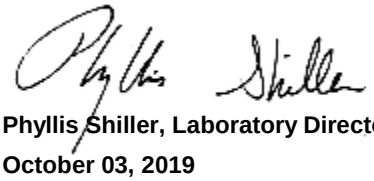

Phyllis Shiller, Laboratory Director
October 03, 2019
Official Report Release To Follow

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

NY # 11301

Analysis Report

October 03, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	GW/KW	09/30/19	18:18
Location Code:	WALDENE	Received by:	CP	10/01/19	15:18
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				
Canister Id:	218				

Laboratory Data

SDG ID: GCE24129
Phoenix ID: CE24132

Project ID: IPARK 0118.34
Client ID: SS-3-093019

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1-Trichloroethane	ND	*48.8*	48.8	ND	*266*	266	10/02/19	KCA	244
1,1-Dichloroethene	ND	*24.4*	24.4	ND	*96.7*	96.7	10/02/19	KCA	244
1,2,4-Trichlorobenzene	ND	*61.0*	61.0	ND	*452*	452	10/02/19	KCA	244
1,2-Dichlorobenzene	ND	*36.6*	36.6	ND	*220*	220	10/02/19	KCA	244
1,3-Dichlorobenzene	ND	*36.6*	36.6	ND	*220*	220	10/02/19	KCA	244
1,4-Dichlorobenzene	ND	*36.6*	36.6	ND	*220*	220	10/02/19	KCA	244
Acetone	383	*244*	244	909	*579*	579	10/02/19	KCA	244
Benzene	ND	*12.2*	12.2	ND	*39.0*	39.0	10/02/19	KCA	244
Carbon Tetrachloride	ND	*4.88*	4.88	ND	*30.7*	30.7	10/02/19	KCA	244
Chlorobenzene	ND	*48.8*	48.8	ND	*225*	225	10/02/19	KCA	244
Cis-1,2-Dichloroethene	ND	*48.8*	48.8	ND	*193*	193	10/02/19	KCA	244
Dichlorodifluoromethane	ND	*48.8*	48.8	ND	*241*	241	10/02/19	KCA	244
Ethylbenzene	ND	*36.6*	36.6	ND	*159*	159	10/02/19	KCA	244
m,p-Xylene	ND	*36.6*	36.6	ND	*159*	159	10/02/19	KCA	244
Methylene Chloride	ND	*97.6*	97.6	ND	*339*	339	10/02/19	KCA	244
o-Xylene	ND	*36.6*	36.6	ND	*159*	159	10/02/19	KCA	244
Tetrachloroethene	ND	*24.4*	24.4	ND	*165*	165	10/02/19	KCA	244
Toluene	ND	*48.8*	48.8	ND	*184*	184	10/02/19	KCA	244
Trichloroethene	ND	*9.03*	9.03	ND	*48.5*	48.5	10/02/19	KCA	244
Trichlorofluoromethane	ND	*36.6*	36.6	ND	*206*	206	10/02/19	KCA	244
Trichlorotrifluoroethane	ND	*36.6*	36.6	ND	*280*	280	10/02/19	KCA	244
Vinyl Chloride	ND	*4.88*	4.88	ND	*12.5*	12.5	10/02/19	KCA	244
QA/QC Surrogates/Internals									
% Bromofluorobenzene	95	*%*	%	95	*%*	%	10/02/19	KCA	1
% IS-1,4-Difluorobenzene	114	*%*	%	114	*%*	%	10/02/19	KCA	1
% IS-Bromochloromethane	115	*%*	%	115	*%*	%	10/02/19	KCA	1

Project ID: IPARK 0118.34
Client ID: SS-3-093019

Phoenix I.D.: CE24132

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Chlorobenzene-d5	122	%	%	122	%	%	10/02/19	KCA	1
% Bromofluorobenzene (244x)	101	%	%	101	%	%	10/02/19	KCA	244
% IS-1,4-Difluorobenzene (244x)	104	%	%	104	%	%	10/02/19	KCA	244
% IS-Bromochloromethane (244x)	110	%	%	110	%	%	10/02/19	KCA	244
% IS-Chlorobenzene-d5 (244x)	103	%	%	103	%	%	10/02/19	KCA	244

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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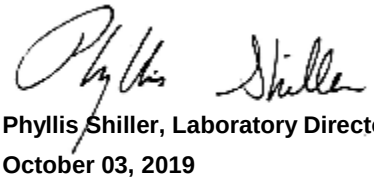

Phyllis Shiller, Laboratory Director
October 03, 2019
Official Report Release To Follow

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

October 03, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	GW/KW	09/30/19	18:09
Location Code:	WALDENE	Received by:	CP	10/01/19	15:18
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				
Canister Id:	19165				

Laboratory Data

SDG ID: GCE24129
Phoenix ID: CE24133

Project ID: IPARK 0118.34
Client ID: NFB-1-093019

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1-Trichloroethane	ND	*0.200*	0.200	ND	*1.09*	1.09	10/02/19	KCA	1
1,1-Dichloroethene	ND	*0.100*	0.100	ND	*0.40*	0.40	10/02/19	KCA	1
1,2,4-Trichlorobenzene	ND	*0.250*	0.250	ND	*1.85*	1.85	10/02/19	KCA	1
1,2-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,3-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,4-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
Acetone	1.87	*1.00*	1.00	4.44	*2.37*	2.37	10/02/19	KCA	1
Benzene	0.360	*0.050*	0.050	1.15	*0.16*	0.16	10/02/19	KCA	1
Carbon Tetrachloride	0.038	*0.020*	0.020	0.24	*0.13*	0.13	10/02/19	KCA	1
Chlorobenzene	ND	*0.200*	0.200	ND	*0.92*	0.92	10/02/19	KCA	1
Cis-1,2-Dichloroethene	ND	*0.200*	0.200	ND	*0.79*	0.79	10/02/19	KCA	1
Dichlorodifluoromethane	0.273	*0.200*	0.200	1.35	*0.99*	0.99	10/02/19	KCA	1
Ethylbenzene	0.264	*0.150*	0.150	1.15	*0.65*	0.65	10/02/19	KCA	1
m,p-Xylene	1.05	*0.150*	0.150	4.56	*0.65*	0.65	10/02/19	KCA	1
Methylene Chloride	ND	*0.400*	0.400	ND	*1.39*	1.39	10/02/19	KCA	1
o-Xylene	0.366	*0.150*	0.150	1.59	*0.65*	0.65	10/02/19	KCA	1
Tetrachloroethene	ND	*0.100*	0.100	ND	*0.68*	0.68	10/02/19	KCA	1
Toluene	1.88	*0.200*	0.200	7.08	*0.75*	0.75	10/02/19	KCA	1
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	10/02/19	KCA	1
Trichlorofluoromethane	ND	*0.150*	0.150	ND	*0.84*	0.84	10/02/19	KCA	1
Trichlorotrifluoroethane	ND	*0.150*	0.150	ND	*1.15*	1.15	10/02/19	KCA	1
Vinyl Chloride	ND	*0.020*	0.020	ND	*0.05*	0.05	10/02/19	KCA	1
QA/QC Surrogates/Internals									
% Bromofluorobenzene	103	*%*	%	103	*%*	%	10/02/19	KCA	1
% IS-1,4-Difluorobenzene	104	*%*	%	104	*%*	%	10/02/19	KCA	1
% IS-Bromochloromethane	94	*%*	%	94	*%*	%	10/02/19	KCA	1

Project ID: IPARK 0118.34
Client ID: NFB-1-093019

Phoenix I.D.: CE24133

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Chlorobenzene-d5	104	%	%	104	%	%	10/02/19	KCA	1

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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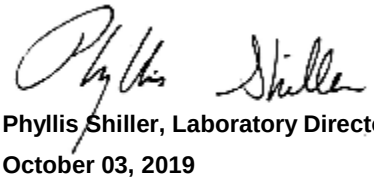

Phyllis Shiller, Laboratory Director
October 03, 2019
Official Report Release To Follow

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

NY # 11301

Analysis Report

October 03, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	GW/KW	09/30/19	18:00
Location Code:	WALDENE	Received by:	CP	10/01/19	15:18
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				
Canister Id:	23352				

Laboratory Data

SDG ID: GCE24129
Phoenix ID: CE24134

Project ID: IPARK 0118.34
Client ID: SS-9-093019

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1-Trichloroethane	ND	*0.200*	0.200	ND	*1.09*	1.09	10/02/19	KCA	1
1,1-Dichloroethene	ND	*0.100*	0.100	ND	*0.40*	0.40	10/02/19	KCA	1
1,2,4-Trichlorobenzene	ND	*0.250*	0.250	ND	*1.85*	1.85	10/02/19	KCA	1
1,2-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,3-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,4-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
Acetone	40.7	*5.00*	5.00	96.6	*11.9*	11.9	10/02/19	KCA	5
Benzene	13.8	*0.050*	0.050	44.1	*0.16*	0.16	10/02/19	KCA	1
Carbon Tetrachloride	0.059	*0.020*	0.020	0.37	*0.13*	0.13	10/02/19	KCA	1
Chlorobenzene	ND	*0.200*	0.200	ND	*0.92*	0.92	10/02/19	KCA	1
Cis-1,2-Dichloroethene	ND	*0.200*	0.200	ND	*0.79*	0.79	10/02/19	KCA	1
Dichlorodifluoromethane	0.506	*0.200*	0.200	2.50	*0.99*	0.99	10/02/19	KCA	1
Ethylbenzene	2.93	*0.150*	0.150	12.7	*0.65*	0.65	10/02/19	KCA	1
m,p-Xylene	11.9	*0.150*	0.150	51.6	*0.65*	0.65	10/02/19	KCA	1
Methylene Chloride	ND	*0.400*	0.400	ND	*1.39*	1.39	10/02/19	KCA	1
o-Xylene	5.29	*0.150*	0.150	23.0	*0.65*	0.65	10/02/19	KCA	1
Tetrachloroethene	0.283	*0.100*	0.100	1.92	*0.68*	0.68	10/02/19	KCA	1
Toluene	5.36	*0.200*	0.200	20.2	*0.75*	0.75	10/02/19	KCA	1
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	10/02/19	KCA	1
Trichlorofluoromethane	0.367	*0.150*	0.150	2.06	*0.84*	0.84	10/02/19	KCA	1
Trichlorotrifluoroethane	ND	*0.150*	0.150	ND	*1.15*	1.15	10/02/19	KCA	1
Vinyl Chloride	ND	*0.020*	0.020	ND	*0.05*	0.05	10/02/19	KCA	1
QA/QC Surrogates/Internals									
% Bromofluorobenzene	96	*%*	%	96	*%*	%	10/02/19	KCA	1
% IS-1,4-Difluorobenzene	107	*%*	%	107	*%*	%	10/02/19	KCA	1
% IS-Bromochloromethane	106	*%*	%	106	*%*	%	10/02/19	KCA	1

Project ID: IPARK 0118.34
Client ID: SS-9-093019

Phoenix I.D.: CE24134

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Chlorobenzene-d5	116	%	%	116	%	%	10/02/19	KCA	1
% Bromofluorobenzene (5x)	101	%	%	101	%	%	10/02/19	KCA	5
% IS-1,4-Difluorobenzene (5x)	111	%	%	111	%	%	10/02/19	KCA	5
% IS-Bromochloromethane (5x)	115	%	%	115	%	%	10/02/19	KCA	5
% IS-Chlorobenzene-d5 (5x)	110	%	%	110	%	%	10/02/19	KCA	5

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
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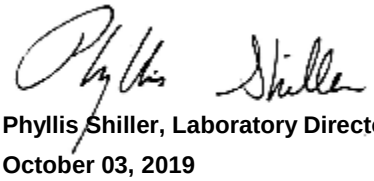

Phyllis Shiller, Laboratory Director
October 03, 2019
Official Report Release To Follow

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

October 03, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	GW/KW	09/30/19	18:15
Location Code:	WALDENE	Received by:	CP	10/01/19	15:18
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				
Canister Id:	28587				

Laboratory Data

SDG ID: GCE24129
Phoenix ID: CE24135

Project ID: IPARK 0118.34
Client ID: IA-3-093019

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1-Trichloroethane	ND	*0.200*	0.200	ND	*1.09*	1.09	10/02/19	KCA	1
1,1-Dichloroethene	ND	*0.100*	0.100	ND	*0.40*	0.40	10/02/19	KCA	1
1,2,4-Trichlorobenzene	ND	*0.250*	0.250	ND	*1.85*	1.85	10/02/19	KCA	1
1,2-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,3-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,4-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
Acetone	1.60	*1.00*	1.00	3.80	*2.37*	2.37	10/02/19	KCA	1
Benzene	0.055	*0.050*	0.050	0.18	*0.16*	0.16	10/02/19	KCA	1
Carbon Tetrachloride	0.068	*0.020*	0.020	0.43	*0.13*	0.13	10/02/19	KCA	1
Chlorobenzene	ND	*0.200*	0.200	ND	*0.92*	0.92	10/02/19	KCA	1
Cis-1,2-Dichloroethene	ND	*0.200*	0.200	ND	*0.79*	0.79	10/02/19	KCA	1
Dichlorodifluoromethane	0.481	*0.200*	0.200	2.38	*0.99*	0.99	10/02/19	KCA	1
Ethylbenzene	ND	*0.150*	0.150	ND	*0.65*	0.65	10/02/19	KCA	1
m,p-Xylene	ND	*0.150*	0.150	ND	*0.65*	0.65	10/02/19	KCA	1
Methylene Chloride	ND	*0.400*	0.400	ND	*1.39*	1.39	10/02/19	KCA	1
o-Xylene	ND	*0.150*	0.150	ND	*0.65*	0.65	10/02/19	KCA	1
Tetrachloroethene	ND	*0.100*	0.100	ND	*0.68*	0.68	10/02/19	KCA	1
Toluene	ND	*0.200*	0.200	ND	*0.75*	0.75	10/02/19	KCA	1
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	10/02/19	KCA	1
Trichlorofluoromethane	0.221	*0.150*	0.150	1.24	*0.84*	0.84	10/02/19	KCA	1
Trichlorotrifluoroethane	ND	*0.150*	0.150	ND	*1.15*	1.15	10/02/19	KCA	1
Vinyl Chloride	ND	*0.020*	0.020	ND	*0.05*	0.05	10/02/19	KCA	1
QA/QC Surrogates/Internals									
% Bromofluorobenzene	101	*%*	%	101	*%*	%	10/02/19	KCA	1
% IS-1,4-Difluorobenzene	102	*%*	%	102	*%*	%	10/02/19	KCA	1
% IS-Bromochloromethane	97	*%*	%	97	*%*	%	10/02/19	KCA	1

Project ID: IPARK 0118.34
Client ID: IA-3-093019

Phoenix I.D.: CE24135

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Chlorobenzene-d5	101	%	%	101	%	%	10/02/19	KCA	1

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
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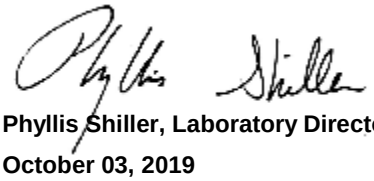

Phyllis Shiller, Laboratory Director
October 03, 2019
Official Report Release To Follow

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

NY # 11301

Analysis Report

October 03, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	GW/KW	09/30/19	18:17
Location Code:	WALDENE	Received by:	CP	10/01/19	15:18
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				
Canister Id:	28554				

Laboratory Data

SDG ID: GCE24129
Phoenix ID: CE24136

Project ID: IPARK 0118.34
Client ID: SS-DUP-093019

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1-Trichloroethane	ND	*0.200*	0.200	ND	*1.09*	1.09	10/02/19	KCA	1
1,1-Dichloroethene	ND	*0.100*	0.100	ND	*0.40*	0.40	10/02/19	KCA	1
1,2,4-Trichlorobenzene	ND	*0.250*	0.250	ND	*1.85*	1.85	10/02/19	KCA	1
1,2-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,3-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,4-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
Acetone	472	*44.3*	44.3	1120	*105*	105	10/02/19	KCA	44.25
Benzene	1.49	*0.050*	0.050	4.76	*0.16*	0.16	10/02/19	KCA	1
Carbon Tetrachloride	0.056	*0.020*	0.020	0.35	*0.13*	0.13	10/02/19	KCA	1
Chlorobenzene	ND	*0.200*	0.200	ND	*0.92*	0.92	10/02/19	KCA	1
Cis-1,2-Dichloroethene	ND	*0.200*	0.200	ND	*0.79*	0.79	10/02/19	KCA	1
Dichlorodifluoromethane	0.519	*0.200*	0.200	2.56	*0.99*	0.99	10/02/19	KCA	1
Ethylbenzene	6.40	*0.150*	0.150	27.8	*0.65*	0.65	10/02/19	KCA	1
m,p-Xylene	17.6	*0.150*	0.150	76.4	*0.65*	0.65	10/02/19	KCA	1
Methylene Chloride	ND	*0.400*	0.400	ND	*1.39*	1.39	10/02/19	KCA	1
o-Xylene	6.34	*0.150*	0.150	27.5	*0.65*	0.65	10/02/19	KCA	1
Tetrachloroethene	0.369	*0.100*	0.100	2.50	*0.68*	0.68	10/02/19	KCA	1
Toluene	6.63	*0.200*	0.200	25.0	*0.75*	0.75	10/02/19	KCA	1
Trichloroethene	0.038	*0.037*	0.037	0.20	*0.20*	0.20	10/02/19	KCA	1
Trichlorofluoromethane	0.337	*0.150*	0.150	1.89	*0.84*	0.84	10/02/19	KCA	1
Trichlorotrifluoroethane	ND	*0.150*	0.150	ND	*1.15*	1.15	10/02/19	KCA	1
Vinyl Chloride	ND	*0.020*	0.020	ND	*0.05*	0.05	10/02/19	KCA	1
QA/QC Surrogates/Internals									
% Bromofluorobenzene	96	*%*	%	96	*%*	%	10/02/19	KCA	1
% IS-1,4-Difluorobenzene	99	*%*	%	99	*%*	%	10/02/19	KCA	1
% IS-Bromochloromethane	98	*%*	%	98	*%*	%	10/02/19	KCA	1

Project ID: IPARK 0118.34
Client ID: SS-DUP-093019

Phoenix I.D.: CE24136

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Chlorobenzene-d5	114	%	%	114	%	%	10/02/19	KCA	1
% Bromofluorobenzene (44.25x)	101	%	%	101	%	%	10/02/19	KCA	44.25
% IS-1,4-Difluorobenzene (44.25x)	109	%	%	109	%	%	10/02/19	KCA	44.25
% IS-Bromochloromethane (44.25x)	111	%	%	111	%	%	10/02/19	KCA	44.25
% IS-Chlorobenzene-d5 (44.25x)	105	%	%	105	%	%	10/02/19	KCA	44.25

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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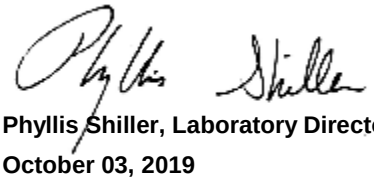

Phyllis Shiller, Laboratory Director
October 03, 2019
Official Report Release To Follow

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

NY # 11301

Analysis Report

October 03, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	GW/KW	09/30/19	18:08
Location Code:	WALDENE	Received by:	CP	10/01/19	15:18
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				
Canister Id:	19931				

Laboratory Data

SDG ID: GCE24129
Phoenix ID: CE24137

Project ID: IPARK 0118.34
Client ID: IA-2-093019

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1-Trichloroethane	ND	*0.200*	0.200	ND	*1.09*	1.09	10/02/19	KCA	1
1,1-Dichloroethene	ND	*0.100*	0.100	ND	*0.40*	0.40	10/02/19	KCA	1
1,2,4-Trichlorobenzene	ND	*0.250*	0.250	ND	*1.85*	1.85	10/02/19	KCA	1
1,2-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,3-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,4-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
Acetone	2.03	*1.00*	1.00	4.82	*2.37*	2.37	10/02/19	KCA	1
Benzene	0.122	*0.050*	0.050	0.39	*0.16*	0.16	10/02/19	KCA	1
Carbon Tetrachloride	0.066	*0.020*	0.020	0.41	*0.13*	0.13	10/02/19	KCA	1
Chlorobenzene	ND	*0.200*	0.200	ND	*0.92*	0.92	10/02/19	KCA	1
Cis-1,2-Dichloroethene	ND	*0.200*	0.200	ND	*0.79*	0.79	10/02/19	KCA	1
Dichlorodifluoromethane	0.491	*0.200*	0.200	2.43	*0.99*	0.99	10/02/19	KCA	1
Ethylbenzene	ND	*0.150*	0.150	ND	*0.65*	0.65	10/02/19	KCA	1
m,p-Xylene	0.295	*0.150*	0.150	1.28	*0.65*	0.65	10/02/19	KCA	1
Methylene Chloride	ND	*0.400*	0.400	ND	*1.39*	1.39	10/02/19	KCA	1
o-Xylene	ND	*0.150*	0.150	ND	*0.65*	0.65	10/02/19	KCA	1
Tetrachloroethene	0.160	*0.100*	0.100	1.08	*0.68*	0.68	10/02/19	KCA	1
Toluene	0.484	*0.200*	0.200	1.82	*0.75*	0.75	10/02/19	KCA	1
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	10/02/19	KCA	1
Trichlorofluoromethane	0.209	*0.150*	0.150	1.17	*0.84*	0.84	10/02/19	KCA	1
Trichlorotrifluoroethane	ND	*0.150*	0.150	ND	*1.15*	1.15	10/02/19	KCA	1
Vinyl Chloride	ND	*0.020*	0.020	ND	*0.05*	0.05	10/02/19	KCA	1
QA/QC Surrogates/Internals									
% Bromofluorobenzene	101	*%*	%	101	*%*	%	10/02/19	KCA	1
% IS-1,4-Difluorobenzene	108	*%*	%	108	*%*	%	10/02/19	KCA	1
% IS-Bromochloromethane	103	*%*	%	103	*%*	%	10/02/19	KCA	1

Project ID: IPARK 0118.34
Client ID: IA-2-093019

Phoenix I.D.: CE24137

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Chlorobenzene-d5	105	%	%	105	%	%	10/02/19	KCA	1

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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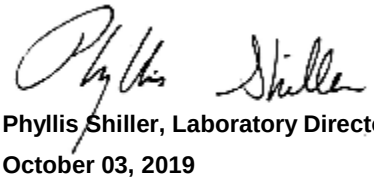

Phyllis Shiller, Laboratory Director
October 03, 2019
Official Report Release To Follow

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

NY # 11301

Analysis Report

October 03, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	GW/KW	09/30/19	18:17
Location Code:	WALDENE	Received by:	CP	10/01/19	15:18
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				
Canister Id:	28597				

Laboratory Data

SDG ID: GCE24129
Phoenix ID: CE24138

Project ID: IPARK 0118.34
Client ID: SS-1-093019

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1-Trichloroethane	0.224	*0.200*	0.200	1.22	*1.09*	1.09	10/02/19	KCA	1
1,1-Dichloroethene	ND	*0.100*	0.100	ND	*0.40*	0.40	10/02/19	KCA	1
1,2,4-Trichlorobenzene	ND	*0.250*	0.250	ND	*1.85*	1.85	10/02/19	KCA	1
1,2-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,3-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,4-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
Acetone	60.6	*5.00*	5.00	144	*11.9*	11.9	10/02/19	KCA	5
Benzene	1.38	*0.050*	0.050	4.41	*0.16*	0.16	10/02/19	KCA	1
Carbon Tetrachloride	ND	*0.020*	0.020	ND	*0.13*	0.13	10/02/19	KCA	1
Chlorobenzene	ND	*0.200*	0.200	ND	*0.92*	0.92	10/02/19	KCA	1
Cis-1,2-Dichloroethene	ND	*0.200*	0.200	ND	*0.79*	0.79	10/02/19	KCA	1
Dichlorodifluoromethane	64.6	*1.00*	1.00	319	*4.94*	4.94	10/02/19	KCA	5
Ethylbenzene	2.86	*0.150*	0.150	12.4	*0.65*	0.65	10/02/19	KCA	1
m,p-Xylene	11.5	*0.150*	0.150	49.9	*0.65*	0.65	10/02/19	KCA	1
Methylene Chloride	ND	*0.400*	0.400	ND	*1.39*	1.39	10/02/19	KCA	1
o-Xylene	4.93	*0.150*	0.150	21.4	*0.65*	0.65	10/02/19	KCA	1
Tetrachloroethene	10.7	*0.100*	0.100	72.5	*0.68*	0.68	10/02/19	KCA	1
Toluene	5.74	*0.200*	0.200	21.6	*0.75*	0.75	10/02/19	KCA	1
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	10/02/19	KCA	1
Trichlorofluoromethane	2.28	*0.150*	0.150	12.8	*0.84*	0.84	10/02/19	KCA	1
Trichlorotrifluoroethane	0.307	*0.150*	0.150	2.35	*1.15*	1.15	10/02/19	KCA	1
Vinyl Chloride	ND	*0.020*	0.020	ND	*0.05*	0.05	10/02/19	KCA	1
QA/QC Surrogates/Internals									
% Bromofluorobenzene	97	%	%	97	%	%	10/02/19	KCA	1
% IS-1,4-Difluorobenzene	105	%	%	105	%	%	10/02/19	KCA	1
% IS-Bromochloromethane	99	%	%	99	%	%	10/02/19	KCA	1

Project ID: IPARK 0118.34
Client ID: SS-1-093019

Phoenix I.D.: CE24138

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Chlorobenzene-d5	114	%	%	114	%	%	10/02/19	KCA	1
% Bromofluorobenzene (5x)	102	%	%	102	%	%	10/02/19	KCA	5
% IS-1,4-Difluorobenzene (5x)	113	%	%	113	%	%	10/02/19	KCA	5
% IS-Bromochloromethane (5x)	117	%	%	117	%	%	10/02/19	KCA	5
% IS-Chlorobenzene-d5 (5x)	111	%	%	111	%	%	10/02/19	KCA	5

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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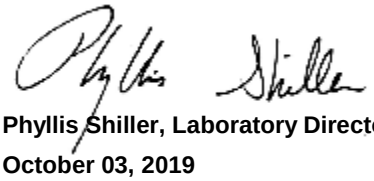

Phyllis Shiller, Laboratory Director
October 03, 2019
Official Report Release To Follow

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

NY # 11301

Analysis Report

October 03, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	GW/KW	09/30/19	18:04
Location Code:	WALDENE	Received by:	CP	10/01/19	15:18
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				
Canister Id:	21326				

Laboratory Data

SDG ID: GCE24129
Phoenix ID: CE24139

Project ID: IPARK 0118.34
Client ID: SS-4-093019

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1-Trichloroethane	0.415	*0.200*	0.200	2.26	*1.09*	1.09	10/02/19	KCA	1
1,1-Dichloroethene	ND	*0.100*	0.100	ND	*0.40*	0.40	10/02/19	KCA	1
1,2,4-Trichlorobenzene	ND	*0.250*	0.250	ND	*1.85*	1.85	10/02/19	KCA	1
1,2-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,3-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,4-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
Acetone	130	*5.00*	5.00	309	*11.9*	11.9	10/02/19	KCA	5
Benzene	1.21	*0.050*	0.050	3.86	*0.16*	0.16	10/02/19	KCA	1
Carbon Tetrachloride	ND	*0.020*	0.020	ND	*0.13*	0.13	10/02/19	KCA	1
Chlorobenzene	ND	*0.200*	0.200	ND	*0.92*	0.92	10/02/19	KCA	1
Cis-1,2-Dichloroethene	ND	*0.200*	0.200	ND	*0.79*	0.79	10/02/19	KCA	1
Dichlorodifluoromethane	4.21	*0.200*	0.200	20.8	*0.99*	0.99	10/02/19	KCA	1
Ethylbenzene	2.89	*0.150*	0.150	12.5	*0.65*	0.65	10/02/19	KCA	1
m,p-Xylene	11.0	*0.150*	0.150	47.7	*0.65*	0.65	10/02/19	KCA	1
Methylene Chloride	ND	*0.400*	0.400	ND	*1.39*	1.39	10/02/19	KCA	1
o-Xylene	4.64	*0.150*	0.150	20.1	*0.65*	0.65	10/02/19	KCA	1
Tetrachloroethene	2.49	*0.100*	0.100	16.9	*0.68*	0.68	10/02/19	KCA	1
Toluene	5.90	*0.200*	0.200	22.2	*0.75*	0.75	10/02/19	KCA	1
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	10/02/19	KCA	1
Trichlorofluoromethane	1.05	*0.150*	0.150	5.90	*0.84*	0.84	10/02/19	KCA	1
Trichlorotrifluoroethane	ND	*0.150*	0.150	ND	*1.15*	1.15	10/02/19	KCA	1
Vinyl Chloride	ND	*0.020*	0.020	ND	*0.05*	0.05	10/02/19	KCA	1
QA/QC Surrogates/Internals									
% Bromofluorobenzene	98	*%*	%	98	*%*	%	10/02/19	KCA	1
% IS-1,4-Difluorobenzene	113	*%*	%	113	*%*	%	10/02/19	KCA	1
% IS-Bromochloromethane	112	*%*	%	112	*%*	%	10/02/19	KCA	1

Project ID: IPARK 0118.34
Client ID: SS-4-093019

Phoenix I.D.: CE24139

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Chlorobenzene-d5	117	%	%	117	%	%	10/02/19	KCA	1
% Bromofluorobenzene (5x)	102	%	%	102	%	%	10/02/19	KCA	5
% IS-1,4-Difluorobenzene (5x)	105	%	%	105	%	%	10/02/19	KCA	5
% IS-Bromochloromethane (5x)	109	%	%	109	%	%	10/02/19	KCA	5
% IS-Chlorobenzene-d5 (5x)	106	%	%	106	%	%	10/02/19	KCA	5

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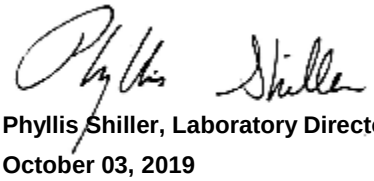

Phyllis Shiller, Laboratory Director
October 03, 2019
Official Report Release To Follow

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Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

October 03, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	GW/KW	09/30/19	18:08
Location Code:	WALDENE	Received by:	CP	10/01/19	15:18
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				
Canister Id:	482				

Laboratory Data

SDG ID: GCE24129
Phoenix ID: CE24140

Project ID: IPARK 0118.34
Client ID: OA-1-093019

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1-Trichloroethane	ND	*0.200*	0.200	ND	*1.09*	1.09	10/02/19	KCA	1
1,1-Dichloroethene	ND	*0.100*	0.100	ND	*0.40*	0.40	10/02/19	KCA	1
1,2,4-Trichlorobenzene	ND	*0.250*	0.250	ND	*1.85*	1.85	10/02/19	KCA	1
1,2-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,3-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,4-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
Acetone	1.82	*1.00*	1.00	4.32	*2.37*	2.37	10/02/19	KCA	1
Benzene	0.056	*0.050*	0.050	0.18	*0.16*	0.16	10/02/19	KCA	1
Carbon Tetrachloride	0.067	*0.020*	0.020	0.42	*0.13*	0.13	10/02/19	KCA	1
Chlorobenzene	ND	*0.200*	0.200	ND	*0.92*	0.92	10/02/19	KCA	1
Cis-1,2-Dichloroethene	ND	*0.200*	0.200	ND	*0.79*	0.79	10/02/19	KCA	1
Dichlorodifluoromethane	0.701	*0.200*	0.200	3.46	*0.99*	0.99	10/02/19	KCA	1
Ethylbenzene	ND	*0.150*	0.150	ND	*0.65*	0.65	10/02/19	KCA	1
m,p-Xylene	ND	*0.150*	0.150	ND	*0.65*	0.65	10/02/19	KCA	1
Methylene Chloride	ND	*0.400*	0.400	ND	*1.39*	1.39	10/02/19	KCA	1
o-Xylene	ND	*0.150*	0.150	ND	*0.65*	0.65	10/02/19	KCA	1
Tetrachloroethene	0.119	*0.100*	0.100	0.81	*0.68*	0.68	10/02/19	KCA	1
Toluene	ND	*0.200*	0.200	ND	*0.75*	0.75	10/02/19	KCA	1
Trichloroethene	0.059	*0.037*	0.037	0.32	*0.20*	0.20	10/02/19	KCA	1
Trichlorofluoromethane	0.219	*0.150*	0.150	1.23	*0.84*	0.84	10/02/19	KCA	1
Trichlorotrifluoroethane	ND	*0.150*	0.150	ND	*1.15*	1.15	10/02/19	KCA	1
Vinyl Chloride	ND	*0.020*	0.020	ND	*0.05*	0.05	10/02/19	KCA	1
QA/QC Surrogates/Internals									
% Bromofluorobenzene	101	*%*	%	101	*%*	%	10/02/19	KCA	1
% IS-1,4-Difluorobenzene	106	*%*	%	106	*%*	%	10/02/19	KCA	1
% IS-Bromochloromethane	100	*%*	%	100	*%*	%	10/02/19	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Chlorobenzene-d5	104	%	%	104	%	%	10/02/19	KCA	1

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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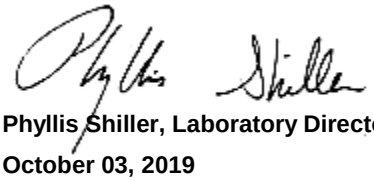

Phyllis Shiller, Laboratory Director
October 03, 2019
Official Report Release To Follow

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

NY # 11301

Analysis Report

October 03, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	GW/KW	09/30/19	18:12
Location Code:	WALDENE	Received by:	CP	10/01/19	15:18
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				
Canister Id:	458				

Laboratory Data

SDG ID: GCE24129
Phoenix ID: CE24141

Project ID: IPARK 0118.34
Client ID: IA-2A-09319

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1-Trichloroethane	ND	*0.200*	0.200	ND	*1.09*	1.09	10/02/19	KCA	1
1,1-Dichloroethene	ND	*0.100*	0.100	ND	*0.40*	0.40	10/02/19	KCA	1
1,2,4-Trichlorobenzene	ND	*0.250*	0.250	ND	*1.85*	1.85	10/02/19	KCA	1
1,2-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,3-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,4-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
Acetone	1.87	*1.00*	1.00	4.44	*2.37*	2.37	10/02/19	KCA	1
Benzene	0.158	*0.050*	0.050	0.50	*0.16*	0.16	10/02/19	KCA	1
Carbon Tetrachloride	0.063	*0.020*	0.020	0.40	*0.13*	0.13	10/02/19	KCA	1
Chlorobenzene	ND	*0.200*	0.200	ND	*0.92*	0.92	10/02/19	KCA	1
Cis-1,2-Dichloroethene	ND	*0.200*	0.200	ND	*0.79*	0.79	10/02/19	KCA	1
Dichlorodifluoromethane	0.502	*0.200*	0.200	2.48	*0.99*	0.99	10/02/19	KCA	1
Ethylbenzene	ND	*0.150*	0.150	ND	*0.65*	0.65	10/02/19	KCA	1
m,p-Xylene	0.342	*0.150*	0.150	1.48	*0.65*	0.65	10/02/19	KCA	1
Methylene Chloride	ND	*0.400*	0.400	ND	*1.39*	1.39	10/02/19	KCA	1
o-Xylene	ND	*0.150*	0.150	ND	*0.65*	0.65	10/02/19	KCA	1
Tetrachloroethene	ND	*0.100*	0.100	ND	*0.68*	0.68	10/02/19	KCA	1
Toluene	0.635	*0.200*	0.200	2.39	*0.75*	0.75	10/02/19	KCA	1
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	10/02/19	KCA	1
Trichlorofluoromethane	0.211	*0.150*	0.150	1.18	*0.84*	0.84	10/02/19	KCA	1
Trichlorotrifluoroethane	ND	*0.150*	0.150	ND	*1.15*	1.15	10/02/19	KCA	1
Vinyl Chloride	ND	*0.020*	0.020	ND	*0.05*	0.05	10/02/19	KCA	1
QA/QC Surrogates/Internals									
% Bromofluorobenzene	101	*%*	%	101	*%*	%	10/02/19	KCA	1
% IS-1,4-Difluorobenzene	111	*%*	%	111	*%*	%	10/02/19	KCA	1
% IS-Bromochloromethane	113	*%*	%	113	*%*	%	10/02/19	KCA	1

Project ID: IPARK 0118.34
Client ID: IA-2A-09319

Phoenix I.D.: CE24141

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Chlorobenzene-d5	108	%	%	108	%	%	10/02/19	KCA	1

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director
October 03, 2019
Official Report Release To Follow

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

NY # 11301

Analysis Report

October 03, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	GW/KW	09/30/19	18:06
Location Code:	WALDENE	Received by:	CP	10/01/19	15:18
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				
Canister Id:	493				

Laboratory Data

SDG ID: GCE24129
Phoenix ID: CE24142

Project ID: IPARK 0118.34
Client ID: SS-2-093019

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1-Trichloroethane	2.65	*0.200*	0.200	14.4	*1.09*	1.09	10/02/19	KCA	1
1,1-Dichloroethene	ND	*0.100*	0.100	ND	*0.40*	0.40	10/02/19	KCA	1
1,2,4-Trichlorobenzene	ND	*0.250*	0.250	ND	*1.85*	1.85	10/02/19	KCA	1
1,2-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,3-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,4-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
Acetone	236	*10.0*	10.0	560	*23.7*	23.7	10/02/19	KCA	10
Benzene	1.18	*0.050*	0.050	3.77	*0.16*	0.16	10/02/19	KCA	1
Carbon Tetrachloride	ND	*0.020*	0.020	ND	*0.13*	0.13	10/02/19	KCA	1
Chlorobenzene	ND	*0.200*	0.200	ND	*0.92*	0.92	10/02/19	KCA	1
Cis-1,2-Dichloroethene	ND	*0.200*	0.200	ND	*0.79*	0.79	10/02/19	KCA	1
Dichlorodifluoromethane	1.72	*0.200*	0.200	8.50	*0.99*	0.99	10/02/19	KCA	1
Ethylbenzene	28.8	*0.150*	0.150	125	*0.65*	0.65	10/02/19	KCA	1
m,p-Xylene	76.5	*0.150*	0.150	332	*0.65*	0.65	10/02/19	KCA	1
Methylene Chloride	ND	*0.400*	0.400	ND	*1.39*	1.39	10/02/19	KCA	1
o-Xylene	29.7	*0.150*	0.150	129	*0.65*	0.65	10/02/19	KCA	1
Tetrachloroethene	ND	*0.100*	0.100	ND	*0.68*	0.68	10/02/19	KCA	1
Toluene	14.7	*0.200*	0.200	55.4	*0.75*	0.75	10/02/19	KCA	1
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	10/02/19	KCA	1
Trichlorofluoromethane	0.533	*0.150*	0.150	2.99	*0.84*	0.84	10/02/19	KCA	1
Trichlorotrifluoroethane	ND	*0.150*	0.150	ND	*1.15*	1.15	10/02/19	KCA	1
Vinyl Chloride	ND	*0.020*	0.020	ND	*0.05*	0.05	10/02/19	KCA	1
QA/QC Surrogates/Internals									
% Bromofluorobenzene	97	*%*	%	97	*%*	%	10/02/19	KCA	1
% IS-1,4-Difluorobenzene	110	*%*	%	110	*%*	%	10/02/19	KCA	1
% IS-Bromochloromethane	110	*%*	%	110	*%*	%	10/02/19	KCA	1

Project ID: IPARK 0118.34
Client ID: SS-2-093019

Phoenix I.D.: CE24142

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Chlorobenzene-d5	117	%	%	117	%	%	10/02/19	KCA	1
% Bromofluorobenzene (10x)	102	%	%	102	%	%	10/02/19	KCA	10
% IS-1,4-Difluorobenzene (10x)	108	%	%	108	%	%	10/02/19	KCA	10
% IS-Bromochloromethane (10x)	109	%	%	109	%	%	10/02/19	KCA	10
% IS-Chlorobenzene-d5 (10x)	106	%	%	106	%	%	10/02/19	KCA	10

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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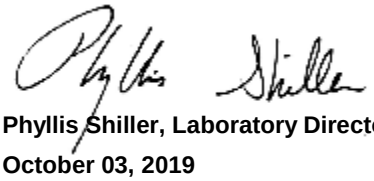

Phyllis Shiller, Laboratory Director
October 03, 2019
Official Report Release To Follow

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

NY # 11301

Analysis Report

October 03, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	GW/KW	09/30/19	18:04
Location Code:	WALDENE	Received by:	CP	10/01/19	15:18
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				
Canister Id:	13640				

Laboratory Data

SDG ID: GCE24129
Phoenix ID: CE24143

Project ID: IPARK 0118.34
Client ID: SS-7-093019

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1-Trichloroethane	ND	*0.200*	0.200	ND	*1.09*	1.09	10/02/19	KCA	1
1,1-Dichloroethene	ND	*0.100*	0.100	ND	*0.40*	0.40	10/02/19	KCA	1
1,2,4-Trichlorobenzene	ND	*0.250*	0.250	ND	*1.85*	1.85	10/02/19	KCA	1
1,2-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,3-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,4-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
Acetone	106	*5.00*	5.00	252	*11.9*	11.9	10/02/19	KCA	5
Benzene	17.4	*0.050*	0.050	55.6	*0.16*	0.16	10/02/19	KCA	1
Carbon Tetrachloride	0.059	*0.020*	0.020	0.37	*0.13*	0.13	10/02/19	KCA	1
Chlorobenzene	ND	*0.200*	0.200	ND	*0.92*	0.92	10/02/19	KCA	1
Cis-1,2-Dichloroethene	ND	*0.200*	0.200	ND	*0.79*	0.79	10/02/19	KCA	1
Dichlorodifluoromethane	0.455	*0.200*	0.200	2.25	*0.99*	0.99	10/02/19	KCA	1
Ethylbenzene	3.68	*0.150*	0.150	16.0	*0.65*	0.65	10/02/19	KCA	1
m,p-Xylene	13.3	*0.150*	0.150	57.7	*0.65*	0.65	10/02/19	KCA	1
Methylene Chloride	ND	*0.400*	0.400	ND	*1.39*	1.39	10/02/19	KCA	1
o-Xylene	5.25	*0.150*	0.150	22.8	*0.65*	0.65	10/02/19	KCA	1
Tetrachloroethene	0.173	*0.100*	0.100	1.17	*0.68*	0.68	10/02/19	KCA	1
Toluene	4.89	*0.200*	0.200	18.4	*0.75*	0.75	10/02/19	KCA	1
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	10/02/19	KCA	1
Trichlorofluoromethane	0.249	*0.150*	0.150	1.40	*0.84*	0.84	10/02/19	KCA	1
Trichlorotrifluoroethane	ND	*0.150*	0.150	ND	*1.15*	1.15	10/02/19	KCA	1
Vinyl Chloride	ND	*0.020*	0.020	ND	*0.05*	0.05	10/02/19	KCA	1
QA/QC Surrogates/Internals									
% Bromofluorobenzene	91	*%*	%	91	*%*	%	10/02/19	KCA	1
% IS-1,4-Difluorobenzene	110	*%*	%	110	*%*	%	10/02/19	KCA	1
% IS-Bromochloromethane	111	*%*	%	111	*%*	%	10/02/19	KCA	1

Project ID: IPARK 0118.34
Client ID: SS-7-093019

Phoenix I.D.: CE24143

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Chlorobenzene-d5	128	%	%	128	%	%	10/02/19	KCA	1
% Bromofluorobenzene (5x)	101	%	%	101	%	%	10/02/19	KCA	5
% IS-1,4-Difluorobenzene (5x)	109	%	%	109	%	%	10/02/19	KCA	5
% IS-Bromochloromethane (5x)	112	%	%	112	%	%	10/02/19	KCA	5
% IS-Chlorobenzene-d5 (5x)	112	%	%	112	%	%	10/02/19	KCA	5

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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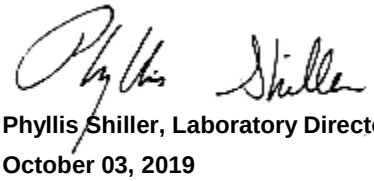


Phyllis Shiller, Laboratory Director
October 03, 2019
Official Report Release To Follow

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

NY # 11301

Analysis Report

October 03, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	GW/KW	09/30/19	18:15
Location Code:	WALDENE	Received by:	CP	10/01/19	15:18
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				
Canister Id:	28623				

Laboratory Data

SDG ID: GCE24129
Phoenix ID: CE24144

Project ID: IPARK 0118.34
Client ID: IA-1-093019

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1-Trichloroethane	ND	*0.200*	0.200	ND	*1.09*	1.09	10/02/19	KCA	1
1,1-Dichloroethene	ND	*0.100*	0.100	ND	*0.40*	0.40	10/02/19	KCA	1
1,2,4-Trichlorobenzene	ND	*0.250*	0.250	ND	*1.85*	1.85	10/02/19	KCA	1
1,2-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,3-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,4-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
Acetone	1.50	*1.00*	1.00	3.56	*2.37*	2.37	10/02/19	KCA	1
Benzene	0.056	*0.050*	0.050	0.18	*0.16*	0.16	10/02/19	KCA	1
Carbon Tetrachloride	0.063	*0.020*	0.020	0.40	*0.13*	0.13	10/02/19	KCA	1
Chlorobenzene	ND	*0.200*	0.200	ND	*0.92*	0.92	10/02/19	KCA	1
Cis-1,2-Dichloroethene	ND	*0.200*	0.200	ND	*0.79*	0.79	10/02/19	KCA	1
Dichlorodifluoromethane	0.482	*0.200*	0.200	2.38	*0.99*	0.99	10/02/19	KCA	1
Ethylbenzene	ND	*0.150*	0.150	ND	*0.65*	0.65	10/02/19	KCA	1
m,p-Xylene	ND	*0.150*	0.150	ND	*0.65*	0.65	10/02/19	KCA	1
Methylene Chloride	ND	*0.400*	0.400	ND	*1.39*	1.39	10/02/19	KCA	1
o-Xylene	ND	*0.150*	0.150	ND	*0.65*	0.65	10/02/19	KCA	1
Tetrachloroethene	ND	*0.100*	0.100	ND	*0.68*	0.68	10/02/19	KCA	1
Toluene	ND	*0.200*	0.200	ND	*0.75*	0.75	10/02/19	KCA	1
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	10/02/19	KCA	1
Trichlorofluoromethane	0.202	*0.150*	0.150	1.13	*0.84*	0.84	10/02/19	KCA	1
Trichlorotrifluoroethane	ND	*0.150*	0.150	ND	*1.15*	1.15	10/02/19	KCA	1
Vinyl Chloride	ND	*0.020*	0.020	ND	*0.05*	0.05	10/02/19	KCA	1
QA/QC Surrogates/Internals									
% Bromofluorobenzene	101	*%*	%	101	*%*	%	10/02/19	KCA	1
% IS-1,4-Difluorobenzene	110	*%*	%	110	*%*	%	10/02/19	KCA	1
% IS-Bromochloromethane	113	*%*	%	113	*%*	%	10/02/19	KCA	1

Project ID: IPARK 0118.34
Client ID: IA-1-093019

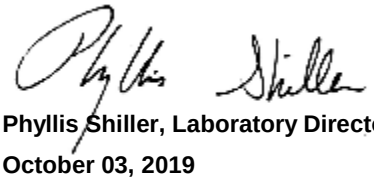
Phoenix I.D.: CE24144

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Chlorobenzene-d5	106	%	%	106	%	%	10/02/19	KCA	1

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
October 03, 2019
Official Report Release To Follow

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

NY # 11301

Analysis Report

October 03, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	GW/KW	09/30/19	18:06
Location Code:	WALDENE	Received by:	CP	10/01/19	15:18
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				
Canister Id:	28622				

Laboratory Data

SDG ID: GCE24129
Phoenix ID: CE24145

Project ID: IPARK 0118.34
Client ID: SS-6-093019

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1-Trichloroethane	0.331	*0.200*	0.200	1.80	*1.09*	1.09	10/02/19	KCA	1
1,1-Dichloroethene	ND	*0.100*	0.100	ND	*0.40*	0.40	10/02/19	KCA	1
1,2,4-Trichlorobenzene	ND	*0.250*	0.250	ND	*1.85*	1.85	10/02/19	KCA	1
1,2-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,3-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
1,4-Dichlorobenzene	ND	*0.150*	0.150	ND	*0.90*	0.90	10/02/19	KCA	1
Acetone	216	*10.0*	10.0	513	*23.7*	23.7	10/02/19	KCA	10
Benzene	2.20	*0.050*	0.050	7.02	*0.16*	0.16	10/02/19	KCA	1
Carbon Tetrachloride	0.051	*0.020*	0.020	0.32	*0.13*	0.13	10/02/19	KCA	1
Chlorobenzene	ND	*0.200*	0.200	ND	*0.92*	0.92	10/02/19	KCA	1
Cis-1,2-Dichloroethene	ND	*0.200*	0.200	ND	*0.79*	0.79	10/02/19	KCA	1
Dichlorodifluoromethane	3.23	*0.200*	0.200	16.0	*0.99*	0.99	10/02/19	KCA	1
Ethylbenzene	6.42	*0.150*	0.150	27.9	*0.65*	0.65	10/02/19	KCA	1
m,p-Xylene	15.0	*0.150*	0.150	65.1	*0.65*	0.65	10/02/19	KCA	1
Methylene Chloride	ND	*0.400*	0.400	ND	*1.39*	1.39	10/02/19	KCA	1
o-Xylene	5.39	*0.150*	0.150	23.4	*0.65*	0.65	10/02/19	KCA	1
Tetrachloroethene	6.27	*0.100*	0.100	42.5	*0.68*	0.68	10/02/19	KCA	1
Toluene	7.02	*0.200*	0.200	26.4	*0.75*	0.75	10/02/19	KCA	1
Trichloroethene	0.396	*0.037*	0.037	2.13	*0.20*	0.20	10/02/19	KCA	1
Trichlorofluoromethane	0.541	*0.150*	0.150	3.04	*0.84*	0.84	10/02/19	KCA	1
Trichlorotrifluoroethane	ND	*0.150*	0.150	ND	*1.15*	1.15	10/02/19	KCA	1
Vinyl Chloride	ND	*0.020*	0.020	ND	*0.05*	0.05	10/02/19	KCA	1
QA/QC Surrogates/Internals									
% Bromofluorobenzene	99	*%*	%	99	*%*	%	10/02/19	KCA	1
% IS-1,4-Difluorobenzene	104	*%*	%	104	*%*	%	10/02/19	KCA	1
% IS-Bromochloromethane	100	*%*	%	100	*%*	%	10/02/19	KCA	1

Project ID: IPARK 0118.34
Client ID: SS-6-093019

Phoenix I.D.: CE24145

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Chlorobenzene-d5	112	%	%	112	%	%	10/02/19	KCA	1
% Bromofluorobenzene (10x)	102	%	%	102	%	%	10/02/19	KCA	10
% IS-1,4-Difluorobenzene (10x)	110	%	%	110	%	%	10/02/19	KCA	10
% IS-Bromochloromethane (10x)	114	%	%	114	%	%	10/02/19	KCA	10
% IS-Chlorobenzene-d5 (10x)	108	%	%	108	%	%	10/02/19	KCA	10

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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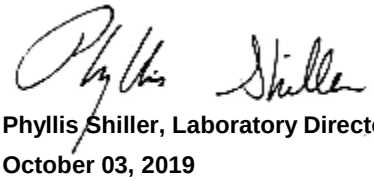


Phyllis Shiller, Laboratory Director
October 03, 2019
Official Report Release To Follow

Sample Criteria Exceedances Report

GCE24129 - WALDENE

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

CHAIN OF CUSTODY RECORD
AIR ANALYSES

800-827-5426
email: greg@phoenixlabs.com

P.O. # iPark0118.34 Page 1 of 2

Data Delivery:
☐ Fax #:
☒ Email: nbrew@walden-associates.com
☒ Phone #: 516624-7200

Report to: Nora Brew
Customer: Walden Associates
Address: 16 Spring St
Cedar Bay, NY

Invoice to: Natural Resources : Mike Buckley
" "
2070 Rte 52 Hopewell Junction, NY

Sampled by: Greta White/Kerri Wright

Project Name: iPark0118.34
Requested Deliverable: RCP ☐ ASP CAT B ☒
MCP ☐ NJ Deliverables ☐
State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15	Modified TO-15
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES		
24129	1A-Dup-093019	471	6.0	-30	-7	7044	10.8	1116	1811	9/30/19	-29	-8						✓
		~~484~~				4956												
24130	SS-5-093019	19635			-6	0331		1048	1801	↓	-29	-7						
24131	SS-8-093019	12859			-4	5356		1035	1802	9/30/19	-31	-6						
24132	SS-3-093019	218			-18	5393		1105	1818		-29	-19.5						
24133	NFB-1-093019	19165			-7	5400		1125	1809	↓	-29	-7						
24134	SS-9-093019	23352			-6	5382		1037	1800	9/30/19	-30.5	-7						
24135	1A-3-093019	~~28587~~			-5	4982		1102	1815		-29	-7.5						
24136	SS-Dup-093019	28554			-8	7009		1110	1817	↓	-30	-8						
24137	1A-2-093019	19931	↓	↓	-5	5357	↓	1040	1808	↓	-32	-6						↓

Relinquished by:	Accepted by:	Date:	Time:
Lab courier	Kerri Ann Wright	9/25/19	11:08 am
		10/1/19	13:20

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
TO-15 "Special code list" needed. See Bobbi or contact N. Brew. Modified TO-15 analysis per project QAPP provided

IND-CERT 10(60) CSHR

Requested Criteria 10/1/19 15:18

Quote Number:

Data Format:
Excel ☒ Equis ☐ GISKey ☐
PDF ☒ Other: ☐

24 hour TAT

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: Date:

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

CHAIN OF CUSTODY RECORD
AIR ANALYSES

800-827-5426
email: greg@phoenixlabs.com

P.O. # iPark0118.34 Page 2 of 2

Data Delivery:
☐ Fax #:
☒ Email: nbrew@walden-associates.com
☒ Phone #: 516-624-7200

Report to: Nora Brew	**Invoice to:** National Resources	**Project Name:** iPark0118.34
Customer: Walden Associates	Mike Buckley	**Requested Deliverable:** RCP ☐ ASP CAT B ☒
Address: 16 Spring St	2070 Rte 52, Hopewell Junction	MCP ☐ NJ Deliverables ☐
Oyster Bay, NY	**Sampled by:** Greta White/Kerri Wright	**State where samples collected:** NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15	Modified TO-15
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES		
24138	SS-1-093019	28597	6.0	-30	-4	5620	10.8	1109	1817	9/30/19	-32	-6						✓
24139	SS-4-093019	21326			-14	5704		1050	1804		-30	-15						
24140	DA-1-093019	482			-6	4961		1044	1808		-31	-7						
24141	IA-2A-093019	458			-6	4991		1013	1812		-30	-6						
		~~19962~~				5521												
24142	SS-2-093019	493			-5	5710		1040	1806		-30	-5						
		19916				6981												
24143	SS-7-093019	13640			-5	4491		1023	1804	9/30/19	-30	-6						
24144	IA-1-093019	28623			-6	3964		1110	1815		-31	-6						
24145	SS-6-093019	28622			-6	3178		1047	1806		-32	-8						✓

Relinquished by:	Accepted by:	Date:	Time:
Lab courrier	KerriannWright	9/25/19	11:08 am
		10/1/19	1312

Data Format: Excel ☒ Equis ☐ GISKey ☐ PDF ☒ Other: ☐

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION: (10)(6.0)(8HR) IND CERT

Modified TO-15 analysis per project QAPP provided.

~~Requested Criteria~~ 10-14 / 15-18

24 hour TAT

Quote Number:

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: Date:

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

October 02, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/19	8:55
Location Code:	WALDENE	Received by:	CP	10/01/19	15:18
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				

Laboratory Data

SDG ID: GCE24146
Phoenix ID: CE24146

Project ID: IPARK 0118.34 BUILDING 339
Client ID: SS-9 10012019 (30``-40``)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Aluminum	6990	32	6.4	mg/Kg	10	10/02/19	EK	SW6010D	
Antimony	ND	3.2	3.2	mg/Kg	1	10/02/19	EK	SW6010D	
Arsenic	5.20	0.64	0.64	mg/Kg	1	10/02/19	EK	SW6010D	
Barium	34.9	0.6	0.32	mg/Kg	1	10/02/19	EK	SW6010D	
Beryllium	0.33	0.26	0.13	mg/Kg	1	10/02/19	EK	SW6010D	
Calcium	75900	32	30	mg/Kg	10	10/02/19	EK	SW6010D	
Cadmium	0.53	0.32	0.32	mg/Kg	1	10/02/19	EK	SW6010D	
Chromium	11.3	0.32	0.32	mg/Kg	1	10/02/19	EK	SW6010D	B
Cobalt	7.66	0.32	0.32	mg/Kg	1	10/02/19	EK	SW6010D	
Copper	20.4	0.6	0.32	mg/kg	1	10/02/19	EK	SW6010D	
Iron	17700	32	32	mg/Kg	10	10/02/19	EK	SW6010D	
Lead	9.6	0.6	0.32	mg/Kg	1	10/02/19	EK	SW6010D	
Magnesium	46000	32	32	mg/Kg	10	10/02/19	EK	SW6010D	
Manganese	499	3.2	3.2	mg/Kg	10	10/02/19	EK	SW6010D	
Mercury	ND	0.03	0.02	mg/Kg	2	10/02/19	RS	SW7471B	
Nickel	15.5	0.32	0.32	mg/Kg	1	10/02/19	EK	SW6010D	
Potassium	1440	6	2.5	mg/Kg	1	10/02/19	EK	SW6010D	
Selenium	ND	1.3	1.1	mg/Kg	1	10/02/19	EK	SW6010D	
Silver	ND	0.32	0.32	mg/Kg	1	10/02/19	EK	SW6010D	
Sodium	162	6	2.8	mg/Kg	1	10/02/19	EK	SW6010D	
Thallium	ND	1.3	1.3	mg/Kg	1	10/02/19	EK	SW6010D	
Vanadium	13.4	0.32	0.32	mg/Kg	1	10/02/19	EK	SW6010D	
Zinc	36.5	0.6	0.32	mg/Kg	1	10/02/19	EK	SW6010D	
Percent Solid	97			%		10/01/19	VT	SW846-%Solid	
Soil Extraction for SVOA	Completed					10/01/19	KK/UE	SW3545A	
Mercury Digestion	Completed					10/02/19	LS/LS	SW7471B	
Total Metals Digest	Completed					10/01/19	JJ/AG/BF	SW3050B	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND		5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1-Dichloroethane	ND		5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1-Dichloropropene	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2-Dibromoethane	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2-Dichloroethane	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2-Dichloropropane	ND		5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
1,3-Dichloropropane	ND		5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
2,2-Dichloropropane	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
2-Chlorotoluene	ND		5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
2-Hexanone	ND		25	5.0	ug/Kg	1	10/02/19	JLI	SW8260C	
2-Isopropyltoluene	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	1
4-Chlorotoluene	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND		25	5.0	ug/Kg	1	10/02/19	JLI	SW8260C	
Acetone	5.6	JS	25	5.0	ug/Kg	1	10/02/19	JLI	SW8260C	
Acrylonitrile	ND		10	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
Benzene	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
Bromobenzene	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
Bromochloromethane	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
Bromodichloromethane	ND		5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
Bromoform	ND		5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
Bromomethane	ND		5.0	2.0	ug/Kg	1	10/02/19	JLI	SW8260C	
Carbon Disulfide	ND		5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
Carbon tetrachloride	ND		5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
Chlorobenzene	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
Chloroethane	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
Chloroform	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
Chloromethane	ND		5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
Dibromochloromethane	ND		5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
Dibromomethane	ND		5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
Ethylbenzene	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
Hexachlorobutadiene	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
Isopropylbenzene	ND		5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND	30	5.0	ug/Kg	1	10/02/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
Methylene chloride	ND	5.0	5.0	ug/Kg	1	10/02/19	JLI	SW8260C	
Naphthalene	ND	5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
n-Butylbenzene	ND	5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
n-Propylbenzene	ND	5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
o-Xylene	ND	5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
p-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
sec-Butylbenzene	ND	5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
Styrene	ND	5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
tert-Butylbenzene	ND	5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
Tetrachloroethene	ND	5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	10/02/19	JLI	SW8260C	1
Toluene	ND	5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	10/02/19	JLI	SW8260C	
Trichloroethene	ND	5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
Trichlorofluoromethane	ND	5.0	1.0	ug/Kg	1	10/02/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
Vinyl chloride	ND	5.0	0.50	ug/Kg	1	10/02/19	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	10/02/19	JLI	70 - 130 %	
% Bromofluorobenzene	97			%	1	10/02/19	JLI	70 - 130 %	
% Dibromofluoromethane	96			%	1	10/02/19	JLI	70 - 130 %	
% Toluene-d8	98			%	1	10/02/19	JLI	70 - 130 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	10/02/19	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	1	10/02/19	WB	SW8270D	
1,2-Dichlorobenzene	ND	240	96	ug/Kg	1	10/02/19	WB	SW8270D	
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	10/02/19	WB	SW8270D	
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	10/02/19	WB	SW8270D	
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	10/02/19	WB	SW8270D	
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	1	10/02/19	WB	SW8270D	
2,4,6-Trichlorophenol	ND	170	110	ug/Kg	1	10/02/19	WB	SW8270D	
2,4-Dichlorophenol	ND	170	120	ug/Kg	1	10/02/19	WB	SW8270D	
2,4-Dimethylphenol	ND	240	84	ug/Kg	1	10/02/19	WB	SW8270D	
2,4-Dinitrophenol	ND	240	240	ug/Kg	1	10/02/19	WB	SW8270D	
2,4-Dinitrotoluene	ND	170	130	ug/Kg	1	10/02/19	WB	SW8270D	
2,6-Dinitrotoluene	ND	170	110	ug/Kg	1	10/02/19	WB	SW8270D	
2-Chloronaphthalene	ND	240	97	ug/Kg	1	10/02/19	WB	SW8270D	
2-Chlorophenol	ND	240	97	ug/Kg	1	10/02/19	WB	SW8270D	
2-Methylnaphthalene	ND	240	100	ug/Kg	1	10/02/19	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	1	10/02/19	WB	SW8270D	
2-Nitroaniline	ND	240	240	ug/Kg	1	10/02/19	WB	SW8270D	
2-Nitrophenol	ND	240	220	ug/Kg	1	10/02/19	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	240	130	ug/Kg	1	10/02/19	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	170	160	ug/Kg	1	10/02/19	WB	SW8270D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
3-Nitroaniline	ND	340	680	ug/Kg	1	10/02/19	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	200	68	ug/Kg	1	10/02/19	WB	SW8270D
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	1	10/02/19	WB	SW8270D
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	1	10/02/19	WB	SW8270D
4-Chloroaniline	ND	270	160	ug/Kg	1	10/02/19	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	240	110	ug/Kg	1	10/02/19	WB	SW8270D
4-Nitroaniline	ND	340	110	ug/Kg	1	10/02/19	WB	SW8270D
4-Nitrophenol	ND	340	150	ug/Kg	1	10/02/19	WB	SW8270D
Acenaphthene	ND	240	100	ug/Kg	1	10/02/19	WB	SW8270D
Acenaphthylene	ND	240	95	ug/Kg	1	10/02/19	WB	SW8270D
Acetophenone	ND	240	110	ug/Kg	1	10/02/19	WB	SW8270D
Aniline	ND	270	270	ug/Kg	1	10/02/19	WB	SW8270D
Anthracene	ND	240	110	ug/Kg	1	10/02/19	WB	SW8270D
Benz(a)anthracene	ND	240	110	ug/Kg	1	10/02/19	WB	SW8270D
Benzidine	ND	340	200	ug/Kg	1	10/02/19	WB	SW8270D
Benzo(a)pyrene	ND	170	110	ug/Kg	1	10/02/19	WB	SW8270D
Benzo(b)fluoranthene	ND	240	120	ug/Kg	1	10/02/19	WB	SW8270D
Benzo(ghi)perylene	ND	240	110	ug/Kg	1	10/02/19	WB	SW8270D
Benzo(k)fluoranthene	ND	240	110	ug/Kg	1	10/02/19	WB	SW8270D
Benzoic acid	ND	1700	680	ug/Kg	1	10/02/19	WB	SW8270D
Benzyl butyl phthalate	ND	240	88	ug/Kg	1	10/02/19	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	240	94	ug/Kg	1	10/02/19	WB	SW8270D
Bis(2-chloroethyl)ether	ND	170	92	ug/Kg	1	10/02/19	WB	SW8270D
Bis(2-chloroisopropyl)ether	ND	240	95	ug/Kg	1	10/02/19	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	240	98	ug/Kg	1	10/02/19	WB	SW8270D
Carbazole	ND	170	140	ug/Kg	1	10/02/19	WB	SW8270D
Chrysene	ND	240	110	ug/Kg	1	10/02/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	170	110	ug/Kg	1	10/02/19	WB	SW8270D
Dibenzofuran	ND	240	99	ug/Kg	1	10/02/19	WB	SW8270D
Diethyl phthalate	ND	240	110	ug/Kg	1	10/02/19	WB	SW8270D
Dimethylphthalate	ND	240	110	ug/Kg	1	10/02/19	WB	SW8270D
Di-n-butylphthalate	ND	240	91	ug/Kg	1	10/02/19	WB	SW8270D
Di-n-octylphthalate	ND	240	88	ug/Kg	1	10/02/19	WB	SW8270D
Fluoranthene	ND	240	110	ug/Kg	1	10/02/19	WB	SW8270D
Fluorene	ND	240	110	ug/Kg	1	10/02/19	WB	SW8270D
Hexachlorobenzene	ND	170	99	ug/Kg	1	10/02/19	WB	SW8270D
Hexachlorobutadiene	ND	240	120	ug/Kg	1	10/02/19	WB	SW8270D
Hexachlorocyclopentadiene	ND	240	100	ug/Kg	1	10/02/19	WB	SW8270D
Hexachloroethane	ND	170	100	ug/Kg	1	10/02/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	110	ug/Kg	1	10/02/19	WB	SW8270D
Isophorone	ND	170	95	ug/Kg	1	10/02/19	WB	SW8270D
Naphthalene	ND	240	98	ug/Kg	1	10/02/19	WB	SW8270D
Nitrobenzene	ND	170	120	ug/Kg	1	10/02/19	WB	SW8270D
N-Nitrosodimethylamine	ND	240	96	ug/Kg	1	10/02/19	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	170	110	ug/Kg	1	10/02/19	WB	SW8270D
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	1	10/02/19	WB	SW8270D
Pentachloronitrobenzene	ND	240	130	ug/Kg	1	10/02/19	WB	SW8270D
Pentachlorophenol	ND	200	130	ug/Kg	1	10/02/19	WB	SW8270D
Phenanthrene	ND	240	97	ug/Kg	1	10/02/19	WB	SW8270D

Project ID: IPARK 0118.34 BUILDING 339
Client ID: SS-9 10012019 (30``-40``)

Phoenix I.D.: CE24146

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Phenol	ND	240	110	ug/Kg	1	10/02/19	WB	SW8270D	
Pyrene	ND	240	120	ug/Kg	1	10/02/19	WB	SW8270D	
Pyridine	ND	240	84	ug/Kg	1	10/02/19	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	81			%	1	10/02/19	WB	30 - 130 %	
% 2-Fluorobiphenyl	70			%	1	10/02/19	WB	30 - 130 %	
% 2-Fluorophenol	67			%	1	10/02/19	WB	30 - 130 %	
% Nitrobenzene-d5	75			%	1	10/02/19	WB	30 - 130 %	
% Phenol-d5	77			%	1	10/02/19	WB	30 - 130 %	
% Terphenyl-d14	66			%	1	10/02/19	WB	30 - 130 %	
Field Extraction	Completed					10/01/19		SW5035A	1

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

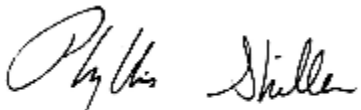
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
October 02, 2019
Official Report Release To Follow

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

NY # 11301

Analysis Report

October 02, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/19	10:30
Location Code:	WALDENE	Received by:	CP	10/01/19	15:18
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				

Laboratory Data

SDG ID: GCE24146
Phoenix ID: CE24147

Project ID: IPARK 0118.34 BUILDING 339
Client ID: SS-8 (1`-2`) 10012019

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Aluminum	8700	36	7.2	mg/Kg	10	10/02/19	EK	SW6010D	
Antimony	ND	3.6	3.6	mg/Kg	1	10/02/19	EK	SW6010D	
Arsenic	7.13	0.72	0.72	mg/Kg	1	10/02/19	EK	SW6010D	
Barium	36.8	0.7	0.36	mg/Kg	1	10/02/19	EK	SW6010D	
Beryllium	0.39	0.29	0.14	mg/Kg	1	10/02/19	EK	SW6010D	
Calcium	52700	36	33	mg/Kg	10	10/02/19	EK	SW6010D	
Cadmium	0.63	0.36	0.36	mg/Kg	1	10/02/19	EK	SW6010D	
Chromium	12.7	0.36	0.36	mg/Kg	1	10/02/19	EK	SW6010D	B
Cobalt	9.00	0.36	0.36	mg/Kg	1	10/02/19	EK	SW6010D	
Copper	23.4	0.7	0.36	mg/kg	1	10/02/19	EK	SW6010D	
Iron	21700	36	36	mg/Kg	10	10/02/19	EK	SW6010D	
Lead	11.0	0.7	0.36	mg/Kg	1	10/02/19	EK	SW6010D	
Magnesium	31600	36	36	mg/Kg	10	10/02/19	EK	SW6010D	
Manganese	691	3.6	3.6	mg/Kg	10	10/02/19	EK	SW6010D	
Mercury	ND	0.03	0.02	mg/Kg	2	10/02/19	RS	SW7471B	
Nickel	18.3	0.36	0.36	mg/Kg	1	10/02/19	EK	SW6010D	
Potassium	1550	7	2.8	mg/Kg	1	10/02/19	EK	SW6010D	
Selenium	ND	1.4	1.2	mg/Kg	1	10/02/19	EK	SW6010D	
Silver	ND	0.36	0.36	mg/Kg	1	10/02/19	EK	SW6010D	
Sodium	179	7	3.1	mg/Kg	1	10/02/19	EK	SW6010D	
Thallium	ND	1.4	1.4	mg/Kg	1	10/02/19	EK	SW6010D	
Vanadium	13.7	0.36	0.36	mg/Kg	1	10/02/19	EK	SW6010D	
Zinc	48.9	0.7	0.36	mg/Kg	1	10/02/19	EK	SW6010D	
Percent Solid	93			%		10/01/19	VT	SW846-%Solid	
Soil Extraction for SVOA	Completed					10/01/19	KK/UE	SW3545A	
Mercury Digestion	Completed					10/02/19	LS/LS	SW7471B	
Total Metals Digest	Completed					10/01/19	JJ/AG/BF	SW3050B	

Project ID: IPARK 0118.34 BUILDING 339
Client ID: SS-8 (1`-2`) 10012019

Phoenix I.D.: CE24147

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND		3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1-Dichloroethane	ND		3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1-Dichloroethene	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1-Dichloropropene	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2-Dibromoethane	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2-Dichloroethane	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2-Dichloropropane	ND		3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
1,3-Dichloropropane	ND		3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
2,2-Dichloropropane	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
2-Chlorotoluene	ND		3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
2-Hexanone	ND		18	3.6	ug/Kg	1	10/02/19	JLI	SW8260C	
2-Isopropyltoluene	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	1
4-Chlorotoluene	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND		18	3.6	ug/Kg	1	10/02/19	JLI	SW8260C	
Acetone	10	JS	18	3.6	ug/Kg	1	10/02/19	JLI	SW8260C	
Acrylonitrile	ND		7.2	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
Benzene	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
Bromobenzene	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
Bromochloromethane	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
Bromodichloromethane	ND		3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
Bromoform	ND		3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
Bromomethane	ND		3.6	1.4	ug/Kg	1	10/02/19	JLI	SW8260C	
Carbon Disulfide	ND		3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
Carbon tetrachloride	ND		3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
Chlorobenzene	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
Chloroethane	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
Chloroform	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
Chloromethane	ND		3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
Dibromochloromethane	ND		3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
Dibromomethane	ND		3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
Dichlorodifluoromethane	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
Ethylbenzene	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
Hexachlorobutadiene	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
Isopropylbenzene	ND		3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND	22	3.6	ug/Kg	1	10/02/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	7.2	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
Methylene chloride	ND	3.6	3.6	ug/Kg	1	10/02/19	JLI	SW8260C	
Naphthalene	ND	3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
n-Butylbenzene	ND	3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
n-Propylbenzene	ND	3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
o-Xylene	ND	3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
p-Isopropyltoluene	ND	3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
sec-Butylbenzene	ND	3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
Styrene	ND	3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
tert-Butylbenzene	ND	3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
Tetrachloroethene	ND	3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	7.2	1.8	ug/Kg	1	10/02/19	JLI	SW8260C	1
Toluene	ND	3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	7.2	1.8	ug/Kg	1	10/02/19	JLI	SW8260C	
Trichloroethene	ND	3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
Trichlorofluoromethane	ND	3.6	0.72	ug/Kg	1	10/02/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND	3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
Vinyl chloride	ND	3.6	0.36	ug/Kg	1	10/02/19	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98			%	1	10/02/19	JLI	70 - 130 %	
% Bromofluorobenzene	97			%	1	10/02/19	JLI	70 - 130 %	
% Dibromofluoromethane	93			%	1	10/02/19	JLI	70 - 130 %	
% Toluene-d8	99			%	1	10/02/19	JLI	70 - 130 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	10/02/19	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	10/02/19	WB	SW8270D	
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	10/02/19	WB	SW8270D	
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	10/02/19	WB	SW8270D	
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	10/02/19	WB	SW8270D	
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	10/02/19	WB	SW8270D	
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	10/02/19	WB	SW8270D	
2,4,6-Trichlorophenol	ND	180	110	ug/Kg	1	10/02/19	WB	SW8270D	
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	10/02/19	WB	SW8270D	
2,4-Dimethylphenol	ND	250	89	ug/Kg	1	10/02/19	WB	SW8270D	
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	10/02/19	WB	SW8270D	
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	10/02/19	WB	SW8270D	
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	10/02/19	WB	SW8270D	
2-Chloronaphthalene	ND	250	100	ug/Kg	1	10/02/19	WB	SW8270D	
2-Chlorophenol	ND	250	100	ug/Kg	1	10/02/19	WB	SW8270D	
2-Methylnaphthalene	ND	250	110	ug/Kg	1	10/02/19	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	10/02/19	WB	SW8270D	
2-Nitroaniline	ND	250	250	ug/Kg	1	10/02/19	WB	SW8270D	
2-Nitrophenol	ND	250	230	ug/Kg	1	10/02/19	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	10/02/19	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	10/02/19	WB	SW8270D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
3-Nitroaniline	ND	360	710	ug/Kg	1	10/02/19	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	210	71	ug/Kg	1	10/02/19	WB	SW8270D
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	10/02/19	WB	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	10/02/19	WB	SW8270D
4-Chloroaniline	ND	290	170	ug/Kg	1	10/02/19	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	10/02/19	WB	SW8270D
4-Nitroaniline	ND	360	120	ug/Kg	1	10/02/19	WB	SW8270D
4-Nitrophenol	ND	360	160	ug/Kg	1	10/02/19	WB	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	10/02/19	WB	SW8270D
Acenaphthylene	ND	250	100	ug/Kg	1	10/02/19	WB	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	10/02/19	WB	SW8270D
Aniline	ND	290	290	ug/Kg	1	10/02/19	WB	SW8270D
Anthracene	ND	250	120	ug/Kg	1	10/02/19	WB	SW8270D
Benz(a)anthracene	ND	250	120	ug/Kg	1	10/02/19	WB	SW8270D
Benzidine	ND	360	210	ug/Kg	1	10/02/19	WB	SW8270D
Benzo(a)pyrene	ND	180	120	ug/Kg	1	10/02/19	WB	SW8270D
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	10/02/19	WB	SW8270D
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	10/02/19	WB	SW8270D
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	10/02/19	WB	SW8270D
Benzoic acid	ND	1800	710	ug/Kg	1	10/02/19	WB	SW8270D
Benzyl butyl phthalate	ND	250	92	ug/Kg	1	10/02/19	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	1	10/02/19	WB	SW8270D
Bis(2-chloroethyl)ether	ND	180	97	ug/Kg	1	10/02/19	WB	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	99	ug/Kg	1	10/02/19	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	10/02/19	WB	SW8270D
Carbazole	ND	180	140	ug/Kg	1	10/02/19	WB	SW8270D
Chrysene	ND	250	120	ug/Kg	1	10/02/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	10/02/19	WB	SW8270D
Dibenzofuran	ND	250	100	ug/Kg	1	10/02/19	WB	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	10/02/19	WB	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	10/02/19	WB	SW8270D
Di-n-butylphthalate	ND	250	95	ug/Kg	1	10/02/19	WB	SW8270D
Di-n-octylphthalate	ND	250	92	ug/Kg	1	10/02/19	WB	SW8270D
Fluoranthene	ND	250	120	ug/Kg	1	10/02/19	WB	SW8270D
Fluorene	ND	250	120	ug/Kg	1	10/02/19	WB	SW8270D
Hexachlorobenzene	ND	180	100	ug/Kg	1	10/02/19	WB	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	10/02/19	WB	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	10/02/19	WB	SW8270D
Hexachloroethane	ND	180	110	ug/Kg	1	10/02/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	10/02/19	WB	SW8270D
Isophorone	ND	180	100	ug/Kg	1	10/02/19	WB	SW8270D
Naphthalene	ND	250	100	ug/Kg	1	10/02/19	WB	SW8270D
Nitrobenzene	ND	180	130	ug/Kg	1	10/02/19	WB	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	10/02/19	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	10/02/19	WB	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	10/02/19	WB	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	10/02/19	WB	SW8270D
Pentachlorophenol	ND	210	140	ug/Kg	1	10/02/19	WB	SW8270D
Phenanthrene	ND	250	100	ug/Kg	1	10/02/19	WB	SW8270D

Project ID: IPARK 0118.34 BUILDING 339
Client ID: SS-8 (1`-2`) 10012019

Phoenix I.D.: CE24147

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Phenol	ND	250	110	ug/Kg	1	10/02/19	WB	SW8270D	
Pyrene	ND	250	120	ug/Kg	1	10/02/19	WB	SW8270D	
Pyridine	ND	250	88	ug/Kg	1	10/02/19	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	79			%	1	10/02/19	WB	30 - 130 %	
% 2-Fluorobiphenyl	72			%	1	10/02/19	WB	30 - 130 %	
% 2-Fluorophenol	67			%	1	10/02/19	WB	30 - 130 %	
% Nitrobenzene-d5	76			%	1	10/02/19	WB	30 - 130 %	
% Phenol-d5	77			%	1	10/02/19	WB	30 - 130 %	
% Terphenyl-d14	70			%	1	10/02/19	WB	30 - 130 %	
Field Extraction	Completed					10/01/19		SW5035A	1

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

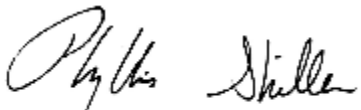
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
October 02, 2019
Official Report Release To Follow

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

NY # 11301

Analysis Report

October 02, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/19	11:08
Location Code:	WALDENE	Received by:	CP	10/01/19	15:18
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				

Laboratory Data

SDG ID: GCE24146
Phoenix ID: CE24148

Project ID: IPARK 0118.34 BUILDING 339
Client ID: SS-2 (3`-4`) 10012019

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Aluminum	11600	33	6.5	mg/Kg	10	10/02/19	EK	SW6010D	
Antimony	ND	3.3	3.3	mg/Kg	1	10/02/19	EK	SW6010D	
Arsenic	5.97	0.65	0.65	mg/Kg	1	10/02/19	EK	SW6010D	
Barium	32.6	0.7	0.33	mg/Kg	1	10/02/19	EK	SW6010D	
Beryllium	0.53	0.26	0.13	mg/Kg	1	10/02/19	EK	SW6010D	
Calcium	20000	33	30	mg/Kg	10	10/02/19	EK	SW6010D	
Cadmium	0.66	0.33	0.33	mg/Kg	1	10/02/19	EK	SW6010D	
Chromium	17.2	0.33	0.33	mg/Kg	1	10/02/19	EK	SW6010D	B
Cobalt	10.7	0.33	0.33	mg/Kg	1	10/02/19	EK	SW6010D	
Copper	30.5	0.7	0.33	mg/kg	1	10/02/19	EK	SW6010D	
Iron	26500	33	33	mg/Kg	10	10/02/19	EK	SW6010D	
Lead	12.2	0.7	0.33	mg/Kg	1	10/02/19	EK	SW6010D	
Magnesium	7100	33	33	mg/Kg	10	10/02/19	EK	SW6010D	
Manganese	641	3.3	3.3	mg/Kg	10	10/02/19	EK	SW6010D	
Mercury	ND	0.03	0.02	mg/Kg	2	10/02/19	RS	SW7471B	
Nickel	22.3	0.33	0.33	mg/Kg	1	10/02/19	EK	SW6010D	
Potassium	1620	7	2.6	mg/Kg	1	10/02/19	EK	SW6010D	
Selenium	ND	1.3	1.1	mg/Kg	1	10/02/19	EK	SW6010D	
Silver	ND	0.33	0.33	mg/Kg	1	10/02/19	EK	SW6010D	
Sodium	303	7	2.8	mg/Kg	1	10/02/19	EK	SW6010D	
Thallium	ND	1.3	1.3	mg/Kg	1	10/02/19	EK	SW6010D	
Vanadium	18.4	0.33	0.33	mg/Kg	1	10/02/19	EK	SW6010D	
Zinc	66.3	0.7	0.33	mg/Kg	1	10/02/19	EK	SW6010D	
Percent Solid	91			%		10/01/19	VT	SW846-%Solid	
Soil Extraction for SVOA	Completed					10/01/19	KK/UE	SW3545A	
Mercury Digestion	Completed					10/02/19	LS/LS	SW7471B	
Total Metals Digest	Completed					10/01/19	JJ/AG/BF	SW3050B	

Project ID: IPARK 0118.34 BUILDING 339
Client ID: SS-2 (3`-4`) 10012019

Phoenix I.D.: CE24148

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND		4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1-Dichloroethane	ND		4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1-Dichloroethene	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1-Dichloropropene	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2-Dibromoethane	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2-Dichloroethane	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2-Dichloropropane	ND		4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
1,3-Dichloropropane	ND		4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
2,2-Dichloropropane	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
2-Chlorotoluene	ND		4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
2-Hexanone	ND		24	4.8	ug/Kg	1	10/02/19	JLI	SW8260C	
2-Isopropyltoluene	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	1
4-Chlorotoluene	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND		24	4.8	ug/Kg	1	10/02/19	JLI	SW8260C	
Acetone	12	JS	24	4.8	ug/Kg	1	10/02/19	JLI	SW8260C	
Acrylonitrile	ND		9.7	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
Benzene	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
Bromobenzene	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
Bromochloromethane	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
Bromodichloromethane	ND		4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
Bromoform	ND		4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
Bromomethane	ND		4.8	1.9	ug/Kg	1	10/02/19	JLI	SW8260C	
Carbon Disulfide	ND		4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
Carbon tetrachloride	ND		4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
Chlorobenzene	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
Chloroethane	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
Chloroform	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
Chloromethane	ND		4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
Dibromochloromethane	ND		4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
Dibromomethane	ND		4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
Dichlorodifluoromethane	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
Ethylbenzene	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
Hexachlorobutadiene	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
Isopropylbenzene	ND		4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND	29	4.8	ug/Kg	1	10/02/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	9.7	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
Methylene chloride	ND	4.8	4.8	ug/Kg	1	10/02/19	JLI	SW8260C	
Naphthalene	ND	4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
n-Butylbenzene	ND	4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
n-Propylbenzene	ND	4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
o-Xylene	ND	4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
p-Isopropyltoluene	ND	4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
sec-Butylbenzene	ND	4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
Styrene	ND	4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
tert-Butylbenzene	ND	4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
Tetrachloroethene	ND	4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	9.7	2.4	ug/Kg	1	10/02/19	JLI	SW8260C	1
Toluene	ND	4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	9.7	2.4	ug/Kg	1	10/02/19	JLI	SW8260C	
Trichloroethene	ND	4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
Trichlorofluoromethane	ND	4.8	0.97	ug/Kg	1	10/02/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND	4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
Vinyl chloride	ND	4.8	0.48	ug/Kg	1	10/02/19	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	10/02/19	JLI	70 - 130 %	
% Bromofluorobenzene	95			%	1	10/02/19	JLI	70 - 130 %	
% Dibromofluoromethane	92			%	1	10/02/19	JLI	70 - 130 %	
% Toluene-d8	98			%	1	10/02/19	JLI	70 - 130 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	10/02/19	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	10/02/19	WB	SW8270D	
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	10/02/19	WB	SW8270D	
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	10/02/19	WB	SW8270D	
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	10/02/19	WB	SW8270D	
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	10/02/19	WB	SW8270D	
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	10/02/19	WB	SW8270D	
2,4,6-Trichlorophenol	ND	180	120	ug/Kg	1	10/02/19	WB	SW8270D	
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	10/02/19	WB	SW8270D	
2,4-Dimethylphenol	ND	260	90	ug/Kg	1	10/02/19	WB	SW8270D	
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	10/02/19	WB	SW8270D	
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	10/02/19	WB	SW8270D	
2,6-Dinitrotoluene	ND	180	120	ug/Kg	1	10/02/19	WB	SW8270D	
2-Chloronaphthalene	ND	260	100	ug/Kg	1	10/02/19	WB	SW8270D	
2-Chlorophenol	ND	260	100	ug/Kg	1	10/02/19	WB	SW8270D	
2-Methylnaphthalene	ND	260	110	ug/Kg	1	10/02/19	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	1	10/02/19	WB	SW8270D	
2-Nitroaniline	ND	260	260	ug/Kg	1	10/02/19	WB	SW8270D	
2-Nitrophenol	ND	260	230	ug/Kg	1	10/02/19	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	260	140	ug/Kg	1	10/02/19	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	10/02/19	WB	SW8270D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
3-Nitroaniline	ND	360	730	ug/Kg	1	10/02/19	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	220	73	ug/Kg	1	10/02/19	WB	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	10/02/19	WB	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	10/02/19	WB	SW8270D
4-Chloroaniline	ND	290	170	ug/Kg	1	10/02/19	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	10/02/19	WB	SW8270D
4-Nitroaniline	ND	360	120	ug/Kg	1	10/02/19	WB	SW8270D
4-Nitrophenol	ND	360	160	ug/Kg	1	10/02/19	WB	SW8270D
Acenaphthene	ND	260	110	ug/Kg	1	10/02/19	WB	SW8270D
Acenaphthylene	ND	260	100	ug/Kg	1	10/02/19	WB	SW8270D
Acetophenone	ND	260	110	ug/Kg	1	10/02/19	WB	SW8270D
Aniline	ND	290	290	ug/Kg	1	10/02/19	WB	SW8270D
Anthracene	ND	260	120	ug/Kg	1	10/02/19	WB	SW8270D
Benz(a)anthracene	ND	260	120	ug/Kg	1	10/02/19	WB	SW8270D
Benzidine	ND	360	210	ug/Kg	1	10/02/19	WB	SW8270D
Benzo(a)pyrene	ND	180	120	ug/Kg	1	10/02/19	WB	SW8270D
Benzo(b)fluoranthene	ND	260	120	ug/Kg	1	10/02/19	WB	SW8270D
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	10/02/19	WB	SW8270D
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	10/02/19	WB	SW8270D
Benzoic acid	ND	1800	730	ug/Kg	1	10/02/19	WB	SW8270D
Benzyl butyl phthalate	ND	260	94	ug/Kg	1	10/02/19	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	10/02/19	WB	SW8270D
Bis(2-chloroethyl)ether	ND	180	98	ug/Kg	1	10/02/19	WB	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	10/02/19	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	10/02/19	WB	SW8270D
Carbazole	ND	180	150	ug/Kg	1	10/02/19	WB	SW8270D
Chrysene	ND	260	120	ug/Kg	1	10/02/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	10/02/19	WB	SW8270D
Dibenzofuran	ND	260	110	ug/Kg	1	10/02/19	WB	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	10/02/19	WB	SW8270D
Dimethylphthalate	ND	260	110	ug/Kg	1	10/02/19	WB	SW8270D
Di-n-butylphthalate	ND	260	97	ug/Kg	1	10/02/19	WB	SW8270D
Di-n-octylphthalate	ND	260	94	ug/Kg	1	10/02/19	WB	SW8270D
Fluoranthene	ND	260	120	ug/Kg	1	10/02/19	WB	SW8270D
Fluorene	ND	260	120	ug/Kg	1	10/02/19	WB	SW8270D
Hexachlorobenzene	ND	180	110	ug/Kg	1	10/02/19	WB	SW8270D
Hexachlorobutadiene	ND	260	130	ug/Kg	1	10/02/19	WB	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	10/02/19	WB	SW8270D
Hexachloroethane	ND	180	110	ug/Kg	1	10/02/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	10/02/19	WB	SW8270D
Isophorone	ND	180	100	ug/Kg	1	10/02/19	WB	SW8270D
Naphthalene	ND	260	110	ug/Kg	1	10/02/19	WB	SW8270D
Nitrobenzene	ND	180	130	ug/Kg	1	10/02/19	WB	SW8270D
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	10/02/19	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	10/02/19	WB	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	10/02/19	WB	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	10/02/19	WB	SW8270D
Pentachlorophenol	ND	220	140	ug/Kg	1	10/02/19	WB	SW8270D
Phenanthrene	ND	260	100	ug/Kg	1	10/02/19	WB	SW8270D

Project ID: IPARK 0118.34 BUILDING 339
Client ID: SS-2 (3`-4`) 10012019

Phoenix I.D.: CE24148

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Phenol	ND	260	120	ug/Kg	1	10/02/19	WB	SW8270D	
Pyrene	ND	260	130	ug/Kg	1	10/02/19	WB	SW8270D	
Pyridine	ND	260	90	ug/Kg	1	10/02/19	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	81			%	1	10/02/19	WB	30 - 130 %	
% 2-Fluorobiphenyl	68			%	1	10/02/19	WB	30 - 130 %	
% 2-Fluorophenol	64			%	1	10/02/19	WB	30 - 130 %	
% Nitrobenzene-d5	72			%	1	10/02/19	WB	30 - 130 %	
% Phenol-d5	74			%	1	10/02/19	WB	30 - 130 %	
% Terphenyl-d14	67			%	1	10/02/19	WB	30 - 130 %	
Field Extraction	Completed					10/01/19		SW5035A	1

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

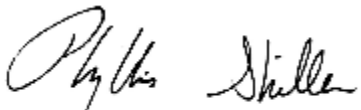
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
October 02, 2019
Official Report Release To Follow

Sample Criteria Exceedances Report

GCE24146 - WALDENE

Criteria: NY: 375, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Cooler: Yes [X] No [ ]
Coolant: IPK [ ] ICE [X] No [ ]
Temp 4.1 °C Pg 1 of 1

PHOENIX Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

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

Contact Options:
[X] Phone: 516-624-7200
[ ] Fax:
[X] Email: nbrew@waldenassociates.com

Customer: National Resources c/o Walden Environmental
Address: 2070 RTE 52
Hopewell Junction, NY

Project: iPark 0118.34 - Building 339
Report to: Nora Brew, P.E
Invoice to: Mike Buckley
QUOTE # :

Project P.O.: iPark0118.34 COM

This section MUST be completed with Bottle Quantities.

Sampler's Signature: EJH Date: 10/1/19

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs-8260	SVOCs-8270	MetALS-6010C	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [1] methanol [2] H2O	GL Soil container (4) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
24146	SS-9 (0-1-2) 10012019 (30"-40")	S	10/1/19	08:55	X	X	X		1	1	1								
24147	SS-8 (1'-2') 10012019	S	10/1/19	10:30	X	X	X		1	1	1								
24148	SS2 (3'-4') 10012019	S	10/1/19	11:08	X	X	X		1	1	1								

Relinquished by:	Accepted by:	Date:	Time:
EJH		10/1/19	13:20
		10-1-19	15:18

Comments, Special Requirements or Regulations:
24 hour TAT

Data Format:
[X] Phoenix Std Report [ ] EQuIS
[X] Excel [ ] NJ Hazsite EDD
[ ] PDF [ ] NY EZ EDD (ASP)
[ ] GIS/Key [ ] Other

Turnaround:
[X] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[ ] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] Impact to GW soil screen Criteria
[ ] GW Criteria

Data Package:
[ ] NJ Reduced Deliv. *
[ ] Other
[X] NY Enhanced (ASP B) *

NY
[ ] TOGS GW
[ ] CP-51 SOIL
[X] 375SCO Unrestricted Soil
[X] 375SCO Residential Soil
[ ] 375SCO Residential
[ ] 375SCO Commercial Soil
[ ] 375SCO Industrial Soil
[ ] Subpart 5 DW

PA
[ ] Clean Fill Limits
[ ] PA-GW
[ ] Reg Fill Limits
[ ] PA Soil Restricted
[ ] PA Soil non-restricted

State Samples Collected? NY

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

October 03, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/02/19	13:20
Location Code:	WALDENE	Received by:	CP	10/02/19	17:02
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK 0118.34				

Laboratory Data

SDG ID: GCE25671
Phoenix ID: CE25671

Project ID: IPARK 0118.34
Client ID: SS-1 (1`-2`) 10022019

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	11100	35	7.0	mg/Kg	10	10/03/19	EK	SW6010D
Antimony	ND	3.5	3.5	mg/Kg	1	10/03/19	EK	SW6010D
Arsenic	5.78	0.70	0.70	mg/Kg	1	10/03/19	EK	SW6010D
Barium	34.6	0.7	0.35	mg/Kg	1	10/03/19	EK	SW6010D
Beryllium	0.41	0.28	0.14	mg/Kg	1	10/03/19	EK	SW6010D
Calcium	32200	35	32	mg/Kg	10	10/03/19	EK	SW6010D
Cadmium	0.73	0.35	0.35	mg/Kg	1	10/03/19	EK	SW6010D
Chromium	12.8	0.35	0.35	mg/Kg	1	10/03/19	EK	SW6010D
Cobalt	10.6	0.35	0.35	mg/Kg	1	10/03/19	EK	SW6010D
Copper	27.9	0.7	0.35	mg/kg	1	10/03/19	EK	SW6010D
Iron	25200	35	35	mg/Kg	10	10/03/19	EK	SW6010D
Lead	12.9	0.7	0.35	mg/Kg	1	10/03/19	EK	SW6010D
Magnesium	21300	35	35	mg/Kg	10	10/03/19	EK	SW6010D
Manganese	672	3.5	3.5	mg/Kg	10	10/03/19	EK	SW6010D
Mercury	ND	0.07	0.04	mg/Kg	5	10/03/19	RS	SW7471B
Nickel	21.0	0.35	0.35	mg/Kg	1	10/03/19	EK	SW6010D
Potassium	1410	7	2.7	mg/Kg	1	10/03/19	EK	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	10/03/19	EK	SW6010D
Silver	ND	0.35	0.35	mg/Kg	1	10/03/19	EK	SW6010D
Sodium	145	7	3.0	mg/Kg	1	10/03/19	EK	SW6010D
Thallium	ND	1.4	1.4	mg/Kg	1	10/03/19	EK	SW6010D
Vanadium	14.8	0.35	0.35	mg/Kg	1	10/03/19	EK	SW6010D
Zinc	97.9	0.7	0.35	mg/Kg	1	10/03/19	EK	SW6010D
Percent Solid	95			%		10/02/19	VT	SW846-%Solid
Soil Extraction for SVOA	Completed					10/02/19	RR/UL	SW3545A
Mercury Digestion	Completed					10/03/19	LS/LS	SW7471B
Total Metals Digest	Completed					10/02/19	JJ/AG/BF	SW3050B

Project ID: IPARK 0118.34
Client ID: SS-1 (1`-2`) 10022019

Phoenix I.D.: CE25671

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND		4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1-Dichloroethane	ND		4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1-Dichloroethene	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
1,1-Dichloropropene	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2-Dibromoethane	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2-Dichloroethane	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
1,2-Dichloropropane	ND		4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
1,3-Dichloropropane	ND		4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
2,2-Dichloropropane	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
2-Chlorotoluene	ND		4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
2-Hexanone	ND		20	4.1	ug/Kg	1	10/02/19	JLI	SW8260C	
2-Isopropyltoluene	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	1
4-Chlorotoluene	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND		20	4.1	ug/Kg	1	10/02/19	JLI	SW8260C	
Acetone	78	S	20	4.1	ug/Kg	1	10/02/19	JLI	SW8260C	
Acrylonitrile	ND		8.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
Benzene	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
Bromobenzene	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
Bromochloromethane	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
Bromodichloromethane	ND		4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
Bromoform	ND		4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
Bromomethane	ND		4.1	1.6	ug/Kg	1	10/02/19	JLI	SW8260C	
Carbon Disulfide	ND		4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
Carbon tetrachloride	ND		4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
Chlorobenzene	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
Chloroethane	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
Chloroform	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
Chloromethane	ND		4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
Dibromochloromethane	ND		4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
Dibromomethane	ND		4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
Dichlorodifluoromethane	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
Ethylbenzene	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
Hexachlorobutadiene	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
Isopropylbenzene	ND		4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND	24	4.1	ug/Kg	1	10/02/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	8.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
Methylene chloride	ND	4.1	4.1	ug/Kg	1	10/02/19	JLI	SW8260C	
Naphthalene	ND	4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
n-Butylbenzene	ND	4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
n-Propylbenzene	ND	4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
o-Xylene	ND	4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
p-Isopropyltoluene	ND	4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
sec-Butylbenzene	ND	4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
Styrene	ND	4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
tert-Butylbenzene	ND	4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
Tetrachloroethene	ND	4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	8.1	2.0	ug/Kg	1	10/02/19	JLI	SW8260C	1
Toluene	ND	4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	8.1	2.0	ug/Kg	1	10/02/19	JLI	SW8260C	
Trichloroethene	ND	4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
Trichlorofluoromethane	ND	4.1	0.81	ug/Kg	1	10/02/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND	4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
Vinyl chloride	ND	4.1	0.41	ug/Kg	1	10/02/19	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98			%	1	10/02/19	JLI	70 - 130 %	
% Bromofluorobenzene	94			%	1	10/02/19	JLI	70 - 130 %	
% Dibromofluoromethane	94			%	1	10/02/19	JLI	70 - 130 %	
% Toluene-d8	99			%	1	10/02/19	JLI	70 - 130 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	10/03/19	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	1	10/03/19	WB	SW8270D	
1,2-Dichlorobenzene	ND	240	96	ug/Kg	1	10/03/19	WB	SW8270D	
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	10/03/19	WB	SW8270D	
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	10/03/19	WB	SW8270D	
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	10/03/19	WB	SW8270D	
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	1	10/03/19	WB	SW8270D	
2,4,6-Trichlorophenol	ND	170	110	ug/Kg	1	10/03/19	WB	SW8270D	
2,4-Dichlorophenol	ND	170	120	ug/Kg	1	10/03/19	WB	SW8270D	
2,4-Dimethylphenol	ND	240	85	ug/Kg	1	10/03/19	WB	SW8270D	
2,4-Dinitrophenol	ND	240	240	ug/Kg	1	10/03/19	WB	SW8270D	
2,4-Dinitrotoluene	ND	170	130	ug/Kg	1	10/03/19	WB	SW8270D	
2,6-Dinitrotoluene	ND	170	110	ug/Kg	1	10/03/19	WB	SW8270D	
2-Chloronaphthalene	ND	240	97	ug/Kg	1	10/03/19	WB	SW8270D	
2-Chlorophenol	ND	240	97	ug/Kg	1	10/03/19	WB	SW8270D	
2-Methylnaphthalene	ND	240	100	ug/Kg	1	10/03/19	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	1	10/03/19	WB	SW8270D	
2-Nitroaniline	ND	240	240	ug/Kg	1	10/03/19	WB	SW8270D	
2-Nitrophenol	ND	240	220	ug/Kg	1	10/03/19	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	240	130	ug/Kg	1	10/03/19	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	170	160	ug/Kg	1	10/03/19	WB	SW8270D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
3-Nitroaniline	ND	340	680	ug/Kg	1	10/03/19	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	200	68	ug/Kg	1	10/03/19	WB	SW8270D
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	1	10/03/19	WB	SW8270D
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	1	10/03/19	WB	SW8270D
4-Chloroaniline	ND	270	160	ug/Kg	1	10/03/19	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	240	110	ug/Kg	1	10/03/19	WB	SW8270D
4-Nitroaniline	ND	340	110	ug/Kg	1	10/03/19	WB	SW8270D
4-Nitrophenol	ND	340	150	ug/Kg	1	10/03/19	WB	SW8270D
Acenaphthene	ND	240	100	ug/Kg	1	10/03/19	WB	SW8270D
Acenaphthylene	ND	240	96	ug/Kg	1	10/03/19	WB	SW8270D
Acetophenone	ND	240	110	ug/Kg	1	10/03/19	WB	SW8270D
Aniline	ND	270	270	ug/Kg	1	10/03/19	WB	SW8270D
Anthracene	ND	240	110	ug/Kg	1	10/03/19	WB	SW8270D
Benz(a)anthracene	ND	240	110	ug/Kg	1	10/03/19	WB	SW8270D
Benzidine	ND	340	200	ug/Kg	1	10/03/19	WB	SW8270D
Benzo(a)pyrene	ND	170	110	ug/Kg	1	10/03/19	WB	SW8270D
Benzo(b)fluoranthene	ND	240	120	ug/Kg	1	10/03/19	WB	SW8270D
Benzo(ghi)perylene	ND	240	110	ug/Kg	1	10/03/19	WB	SW8270D
Benzo(k)fluoranthene	ND	240	110	ug/Kg	1	10/03/19	WB	SW8270D
Benzoic acid	ND	1700	680	ug/Kg	1	10/03/19	WB	SW8270D
Benzyl butyl phthalate	ND	240	88	ug/Kg	1	10/03/19	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	240	94	ug/Kg	1	10/03/19	WB	SW8270D
Bis(2-chloroethyl)ether	ND	170	92	ug/Kg	1	10/03/19	WB	SW8270D
Bis(2-chloroisopropyl)ether	ND	240	95	ug/Kg	1	10/03/19	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	240	98	ug/Kg	1	10/03/19	WB	SW8270D
Carbazole	ND	170	140	ug/Kg	1	10/03/19	WB	SW8270D
Chrysene	ND	240	110	ug/Kg	1	10/03/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	170	110	ug/Kg	1	10/03/19	WB	SW8270D
Dibenzofuran	ND	240	100	ug/Kg	1	10/03/19	WB	SW8270D
Diethyl phthalate	ND	240	110	ug/Kg	1	10/03/19	WB	SW8270D
Dimethylphthalate	ND	240	110	ug/Kg	1	10/03/19	WB	SW8270D
Di-n-butylphthalate	ND	240	91	ug/Kg	1	10/03/19	WB	SW8270D
Di-n-octylphthalate	ND	240	88	ug/Kg	1	10/03/19	WB	SW8270D
Fluoranthene	ND	240	110	ug/Kg	1	10/03/19	WB	SW8270D
Fluorene	ND	240	110	ug/Kg	1	10/03/19	WB	SW8270D
Hexachlorobenzene	ND	170	100	ug/Kg	1	10/03/19	WB	SW8270D
Hexachlorobutadiene	ND	240	120	ug/Kg	1	10/03/19	WB	SW8270D
Hexachlorocyclopentadiene	ND	240	100	ug/Kg	1	10/03/19	WB	SW8270D
Hexachloroethane	ND	170	100	ug/Kg	1	10/03/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	110	ug/Kg	1	10/03/19	WB	SW8270D
Isophorone	ND	170	96	ug/Kg	1	10/03/19	WB	SW8270D
Naphthalene	ND	240	98	ug/Kg	1	10/03/19	WB	SW8270D
Nitrobenzene	ND	170	120	ug/Kg	1	10/03/19	WB	SW8270D
N-Nitrosodimethylamine	ND	240	96	ug/Kg	1	10/03/19	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	170	110	ug/Kg	1	10/03/19	WB	SW8270D
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	1	10/03/19	WB	SW8270D
Pentachloronitrobenzene	ND	240	130	ug/Kg	1	10/03/19	WB	SW8270D
Pentachlorophenol	ND	200	130	ug/Kg	1	10/03/19	WB	SW8270D
Phenanthrene	ND	240	98	ug/Kg	1	10/03/19	WB	SW8270D

Project ID: IPARK 0118.34
Client ID: SS-1 (1`-2`) 10022019

Phoenix I.D.: CE25671

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Phenol	ND	240	110	ug/Kg	1	10/03/19	WB	SW8270D	
Pyrene	ND	240	120	ug/Kg	1	10/03/19	WB	SW8270D	
Pyridine	ND	240	84	ug/Kg	1	10/03/19	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	62			%	1	10/03/19	WB	30 - 130 %	
% 2-Fluorobiphenyl	61			%	1	10/03/19	WB	30 - 130 %	
% 2-Fluorophenol	58			%	1	10/03/19	WB	30 - 130 %	
% Nitrobenzene-d5	56			%	1	10/03/19	WB	30 - 130 %	
% Phenol-d5	63			%	1	10/03/19	WB	30 - 130 %	
% Terphenyl-d14	61			%	1	10/03/19	WB	30 - 130 %	
Field Extraction	Completed					10/02/19		SW5035A	1

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

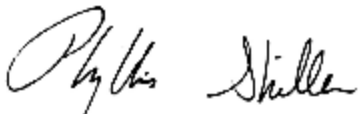
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
October 03, 2019
Official Report Release To Follow

Criteria: NY: 375, 375RS

State: NY

Sample Criteria Exceedances Report

GCE25671 - WALDENE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CE25671	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	78	20	50	50	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [X] No [ ]
Temp 2.1 °C Pg of

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

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

Contact Options:
[X] Phone: 516-624-7200
[ ] Fax:
[X] Email: nbrew@walden-associates.com

Customer: National Resources c/o Walden
Address: 2070 Rte-52
Hopewell Junction, NY

Project: iPark 0118.34
Report to: Nora Brew, P.E.
Invoice to: Mike Buckley
QUOTE # :

Project P.O: iPark0118.34

This section MUST be completed with Bottle Quantities.

Sampler's Signature
Date: 10/2/19

Client Sample - Information - Identification

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

Analysis Request: VOCs 8260 | SVOCs 8270 | metals 6010c

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [X] H2O	GL Soil container (9) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
25471	SS-1(1-2)10022019	S	10/2/19	13:20	X	X	X					1	1	1		

Relinquished by:	Accepted by:	Date:	Time:
		10-2-19	13:40
	Producitive	10/2/19	1712

Comments, Special Requirements or Regulations:

Data Format:
[X] Phoenix Std Report [ ] EQuIS
[X] Excel [ ] NJ Hazsite EDD
[ ] PDF [ ] NY EZ EDD (ASP)
[ ] GIS/Key [ ] Other

Turnaround:
[X] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[ ] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] Impact to GW soil screen Criteria
[ ] GW Criteria

Data Package:
[ ] NJ Reduced Deliv. *
[ ] Other
[X] NY Enhanced (ASP B) *

NY
[ ] TOGS GW
[X] CP-51 SOIL
[X] 375SCO Unrestricted Soil
[X] 375SCO Residential Soil
[ ] 375SCO Residential
[ ] 375SCO Commercial Soil
[ ] 375SCO Industrial Soil
[ ] Subpart 5 DW

PA
[ ] Clean Fill Limits
[ ] PA-GW
[ ] Reg Fill Limits
[ ] PA Soil Restricted
[ ] PA Soil non-restricted

State Samples Collected?
NY

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

October 04, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/02/19	15:20
Location Code:	WALDENE	Received by:	CP	10/03/19	17:16
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				

Laboratory Data

SDG ID: GCE26612
Phoenix ID: CE26612

Project ID: IPARK 0118.34
Client ID: SS-3 (0-1)10022019

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	4350		34	6.8	mg/Kg	10	10/04/19	EK	SW6010D
Antimony	ND		3.4	3.4	mg/Kg	1	10/04/19	EK	SW6010D
Arsenic	3.96		0.68	0.68	mg/Kg	1	10/04/19	EK	SW6010D
Barium	27.4		0.7	0.34	mg/Kg	1	10/04/19	EK	SW6010D
Beryllium	0.24	J	0.27	0.14	mg/Kg	1	10/04/19	EK	SW6010D
Calcium	149000		340	310	mg/Kg	100	10/04/19	EK	SW6010D
Cadmium	0.35		0.34	0.34	mg/Kg	1	10/04/19	EK	SW6010D
Chromium	7.91		0.34	0.34	mg/Kg	1	10/04/19	EK	SW6010D
Cobalt	8.03		0.34	0.34	mg/Kg	1	10/04/19	EK	SW6010D
Copper	17.9		0.7	0.34	mg/kg	1	10/04/19	EK	SW6010D
Iron	13600		34	34	mg/Kg	10	10/04/19	EK	SW6010D
Lead	8.5		0.7	0.34	mg/Kg	1	10/04/19	EK	SW6010D
Magnesium	46500		34	34	mg/Kg	10	10/04/19	EK	SW6010D
Manganese	379		3.4	3.4	mg/Kg	10	10/04/19	EK	SW6010D
Mercury	ND		0.07	0.04	mg/Kg	5	10/04/19	RS	SW7471B
Nickel	14.6		0.34	0.34	mg/Kg	1	10/04/19	EK	SW6010D
Potassium	2370		7	2.6	mg/Kg	1	10/04/19	EK	SW6010D
Selenium	ND		1.4	1.2	mg/Kg	1	10/04/19	EK	SW6010D
Silver	ND		0.34	0.34	mg/Kg	1	10/04/19	EK	SW6010D
Sodium	85		7	2.9	mg/Kg	1	10/04/19	EK	SW6010D
Thallium	ND		1.4	1.4	mg/Kg	1	10/04/19	EK	SW6010D
Vanadium	9.31		0.34	0.34	mg/Kg	1	10/04/19	EK	SW6010D
Zinc	22.3		0.7	0.34	mg/Kg	1	10/04/19	EK	SW6010D
Percent Solid	89				%		10/03/19	VT	SW846-%Solid
Soil Extraction for SVOA	Completed						10/03/19	AT/K/UL	SW3545A
Mercury Digestion	Completed						10/04/19	LS/LS	SW7471B
Total Metals Digest	Completed						10/03/19	JJ/AG/BF	SW3050B

Project ID: IPARK 0118.34
Client ID: SS-3 (0-1)10022019

Phoenix I.D.: CE26612

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND		4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1-Dichloroethane	ND		4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1-Dichloroethene	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1-Dichloropropene	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2-Dibromoethane	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2-Dichloroethane	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2-Dichloropropane	ND		4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
1,3-Dichloropropane	ND		4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
2,2-Dichloropropane	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
2-Chlorotoluene	ND		4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
2-Hexanone	ND		21	4.3	ug/Kg	1	10/03/19	JLI	SW8260C	
2-Isopropyltoluene	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	1
4-Chlorotoluene	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND		21	4.3	ug/Kg	1	10/03/19	JLI	SW8260C	
Acetone	10	JS	21	4.3	ug/Kg	1	10/03/19	JLI	SW8260C	
Acrylonitrile	ND		8.5	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
Benzene	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
Bromobenzene	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
Bromochloromethane	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
Bromodichloromethane	ND		4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
Bromoform	ND		4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
Bromomethane	ND		4.3	1.7	ug/Kg	1	10/03/19	JLI	SW8260C	
Carbon Disulfide	ND		4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
Carbon tetrachloride	ND		4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
Chlorobenzene	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
Chloroethane	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
Chloroform	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
Chloromethane	ND		4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
Dibromochloromethane	ND		4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
Dibromomethane	ND		4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
Dichlorodifluoromethane	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
Ethylbenzene	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
Hexachlorobutadiene	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
Isopropylbenzene	ND		4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND	26	4.3	ug/Kg	1	10/03/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	8.5	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
Methylene chloride	ND	4.3	4.3	ug/Kg	1	10/03/19	JLI	SW8260C	
Naphthalene	ND	4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
n-Butylbenzene	ND	4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
n-Propylbenzene	ND	4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
o-Xylene	ND	4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
p-Isopropyltoluene	ND	4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
sec-Butylbenzene	ND	4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
Styrene	ND	4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
tert-Butylbenzene	ND	4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
Tetrachloroethene	ND	4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	8.5	2.1	ug/Kg	1	10/03/19	JLI	SW8260C	1
Toluene	ND	4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	8.5	2.1	ug/Kg	1	10/03/19	JLI	SW8260C	
Trichloroethene	ND	4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
Trichlorofluoromethane	ND	4.3	0.85	ug/Kg	1	10/03/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND	4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
Vinyl chloride	ND	4.3	0.43	ug/Kg	1	10/03/19	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98			%	1	10/03/19	JLI	70 - 130 %	
% Bromofluorobenzene	95			%	1	10/03/19	JLI	70 - 130 %	
% Dibromofluoromethane	85			%	1	10/03/19	JLI	70 - 130 %	
% Toluene-d8	98			%	1	10/03/19	JLI	70 - 130 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	10/04/19	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	10/04/19	WB	SW8270D	
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	10/04/19	WB	SW8270D	
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	10/04/19	WB	SW8270D	
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	10/04/19	WB	SW8270D	
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	10/04/19	WB	SW8270D	
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	10/04/19	WB	SW8270D	
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	10/04/19	WB	SW8270D	
2,4-Dichlorophenol	ND	190	130	ug/Kg	1	10/04/19	WB	SW8270D	
2,4-Dimethylphenol	ND	260	92	ug/Kg	1	10/04/19	WB	SW8270D	
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	10/04/19	WB	SW8270D	
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	10/04/19	WB	SW8270D	
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	10/04/19	WB	SW8270D	
2-Chloronaphthalene	ND	260	110	ug/Kg	1	10/04/19	WB	SW8270D	
2-Chlorophenol	ND	260	110	ug/Kg	1	10/04/19	WB	SW8270D	
2-Methylnaphthalene	ND	260	110	ug/Kg	1	10/04/19	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	1	10/04/19	WB	SW8270D	
2-Nitroaniline	ND	260	260	ug/Kg	1	10/04/19	WB	SW8270D	
2-Nitrophenol	ND	260	230	ug/Kg	1	10/04/19	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	10/04/19	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	190	170	ug/Kg	1	10/04/19	WB	SW8270D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
3-Nitroaniline	ND	370	740	ug/Kg	1	10/04/19	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	220	74	ug/Kg	1	10/04/19	WB	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	10/04/19	WB	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	10/04/19	WB	SW8270D
4-Chloroaniline	ND	300	170	ug/Kg	1	10/04/19	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	10/04/19	WB	SW8270D
4-Nitroaniline	ND	370	120	ug/Kg	1	10/04/19	WB	SW8270D
4-Nitrophenol	ND	370	170	ug/Kg	1	10/04/19	WB	SW8270D
Acenaphthene	ND	260	110	ug/Kg	1	10/04/19	WB	SW8270D
Acenaphthylene	ND	260	100	ug/Kg	1	10/04/19	WB	SW8270D
Acetophenone	ND	260	120	ug/Kg	1	10/04/19	WB	SW8270D
Aniline	ND	300	300	ug/Kg	1	10/04/19	WB	SW8270D
Anthracene	ND	260	120	ug/Kg	1	10/04/19	WB	SW8270D
Benz(a)anthracene	ND	260	120	ug/Kg	1	10/04/19	WB	SW8270D
Benzidine	ND	370	220	ug/Kg	1	10/04/19	WB	SW8270D
Benzo(a)pyrene	ND	190	120	ug/Kg	1	10/04/19	WB	SW8270D
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	10/04/19	WB	SW8270D
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	10/04/19	WB	SW8270D
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	10/04/19	WB	SW8270D
Benzoic acid	ND	1900	740	ug/Kg	1	10/04/19	WB	SW8270D
Benzyl butyl phthalate	ND	260	96	ug/Kg	1	10/04/19	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	10/04/19	WB	SW8270D
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	10/04/19	WB	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	10/04/19	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	10/04/19	WB	SW8270D
Carbazole	ND	190	150	ug/Kg	1	10/04/19	WB	SW8270D
Chrysene	ND	260	120	ug/Kg	1	10/04/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	190	120	ug/Kg	1	10/04/19	WB	SW8270D
Dibenzofuran	ND	260	110	ug/Kg	1	10/04/19	WB	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	10/04/19	WB	SW8270D
Dimethylphthalate	ND	260	110	ug/Kg	1	10/04/19	WB	SW8270D
Di-n-butylphthalate	ND	260	99	ug/Kg	1	10/04/19	WB	SW8270D
Di-n-octylphthalate	ND	260	96	ug/Kg	1	10/04/19	WB	SW8270D
Fluoranthene	ND	260	120	ug/Kg	1	10/04/19	WB	SW8270D
Fluorene	ND	260	120	ug/Kg	1	10/04/19	WB	SW8270D
Hexachlorobenzene	ND	190	110	ug/Kg	1	10/04/19	WB	SW8270D
Hexachlorobutadiene	ND	260	130	ug/Kg	1	10/04/19	WB	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	10/04/19	WB	SW8270D
Hexachloroethane	ND	190	110	ug/Kg	1	10/04/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	10/04/19	WB	SW8270D
Isophorone	ND	190	100	ug/Kg	1	10/04/19	WB	SW8270D
Naphthalene	ND	260	110	ug/Kg	1	10/04/19	WB	SW8270D
Nitrobenzene	ND	190	130	ug/Kg	1	10/04/19	WB	SW8270D
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	10/04/19	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	10/04/19	WB	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	10/04/19	WB	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	10/04/19	WB	SW8270D
Pentachlorophenol	ND	220	140	ug/Kg	1	10/04/19	WB	SW8270D
Phenanthrene	ND	260	110	ug/Kg	1	10/04/19	WB	SW8270D

Project ID: IPARK 0118.34
Client ID: SS-3 (0-1)10022019

Phoenix I.D.: CE26612

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Phenol	ND	260	120	ug/Kg	1	10/04/19	WB	SW8270D	
Pyrene	ND	260	130	ug/Kg	1	10/04/19	WB	SW8270D	
Pyridine	ND	260	91	ug/Kg	1	10/04/19	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	53			%	1	10/04/19	WB	30 - 130 %	
% 2-Fluorobiphenyl	64			%	1	10/04/19	WB	30 - 130 %	
% 2-Fluorophenol	57			%	1	10/04/19	WB	30 - 130 %	
% Nitrobenzene-d5	62			%	1	10/04/19	WB	30 - 130 %	
% Phenol-d5	69			%	1	10/04/19	WB	30 - 130 %	
% Terphenyl-d14	51			%	1	10/04/19	WB	30 - 130 %	
Field Extraction	Completed					10/02/19		SW5035A	1

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

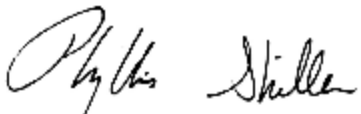
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
October 04, 2019
Official Report Release To Follow

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

October 04, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/03/19	12:40
Location Code:	WALDENE	Received by:	CP	10/03/19	17:16
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				

Laboratory Data

SDG ID: GCE26612
Phoenix ID: CE26613

Project ID: IPARK 0118.34
Client ID: SS-4 (1-2)10032019

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	11300	36	7.1	mg/Kg	10	10/04/19	EK	SW6010D
Antimony	ND	3.6	3.6	mg/Kg	1	10/04/19	EK	SW6010D
Arsenic	7.65	0.71	0.71	mg/Kg	1	10/04/19	EK	SW6010D
Barium	39.9	0.7	0.36	mg/Kg	1	10/04/19	EK	SW6010D
Beryllium	0.44	0.29	0.14	mg/Kg	1	10/04/19	EK	SW6010D
Calcium	35800	36	33	mg/Kg	10	10/04/19	EK	SW6010D
Cadmium	0.51	0.36	0.36	mg/Kg	1	10/04/19	EK	SW6010D
Chromium	12.8	0.36	0.36	mg/Kg	1	10/04/19	EK	SW6010D
Cobalt	11.5	0.36	0.36	mg/Kg	1	10/04/19	EK	SW6010D
Copper	28.0	0.7	0.36	mg/kg	1	10/04/19	EK	SW6010D
Iron	24000	36	36	mg/Kg	10	10/04/19	EK	SW6010D
Lead	16.0	0.7	0.36	mg/Kg	1	10/04/19	EK	SW6010D
Magnesium	24400	36	36	mg/Kg	10	10/04/19	EK	SW6010D
Manganese	675	3.6	3.6	mg/Kg	10	10/04/19	EK	SW6010D
Mercury	ND	0.07	0.04	mg/Kg	5	10/04/19	RS	SW7471B
Nickel	21.1	0.36	0.36	mg/Kg	1	10/04/19	EK	SW6010D
Potassium	2370	7	2.8	mg/Kg	1	10/04/19	EK	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	10/04/19	EK	SW6010D
Silver	ND	0.36	0.36	mg/Kg	1	10/04/19	EK	SW6010D
Sodium	135	7	3.1	mg/Kg	1	10/04/19	EK	SW6010D
Thallium	ND	1.4	1.4	mg/Kg	1	10/04/19	EK	SW6010D
Vanadium	16.2	0.36	0.36	mg/Kg	1	10/04/19	EK	SW6010D
Zinc	52.7	0.7	0.36	mg/Kg	1	10/04/19	EK	SW6010D
Percent Solid	91			%		10/03/19	VT	SW846-%Solid
Soil Extraction for SVOA	Completed					10/03/19	AT/K/UL	SW3545A
Mercury Digestion	Completed					10/04/19	LS/LS	SW7471B
Total Metals Digest	Completed					10/03/19	JJ/AG/BF	SW3050B

Project ID: IPARK 0118.34
Client ID: SS-4 (1-2)10032019

Phoenix I.D.: CE26613

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1-Dichloroethane	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1-Dichloroethene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1-Dichloropropene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2-Dibromoethane	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2-Dichloroethane	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2-Dichloropropane	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
1,3-Dichloropropane	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
2,2-Dichloropropane	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
2-Chlorotoluene	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
2-Hexanone	ND	14	2.9	ug/Kg	1	10/03/19	JLI	SW8260C	
2-Isopropyltoluene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	1
4-Chlorotoluene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND	14	2.9	ug/Kg	1	10/03/19	JLI	SW8260C	
Acetone	ND	14	2.9	ug/Kg	1	10/03/19	JLI	SW8260C	
Acrylonitrile	ND	5.7	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
Benzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Bromobenzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Bromochloromethane	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Bromodichloromethane	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
Bromoform	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
Bromomethane	ND	2.9	1.1	ug/Kg	1	10/03/19	JLI	SW8260C	
Carbon Disulfide	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
Carbon tetrachloride	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
Chlorobenzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Chloroethane	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Chloroform	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Chloromethane	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Dibromochloromethane	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
Dibromomethane	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
Dichlorodifluoromethane	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Ethylbenzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Hexachlorobutadiene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Isopropylbenzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND	17	2.9	ug/Kg	1	10/03/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	5.7	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
Methylene chloride	ND	2.9	2.9	ug/Kg	1	10/03/19	JLI	SW8260C	
Naphthalene	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
n-Butylbenzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
n-Propylbenzene	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
o-Xylene	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
p-Isopropyltoluene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
sec-Butylbenzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Styrene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
tert-Butylbenzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Tetrachloroethene	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	5.7	1.4	ug/Kg	1	10/03/19	JLI	SW8260C	1
Toluene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.7	1.4	ug/Kg	1	10/03/19	JLI	SW8260C	
Trichloroethene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Trichlorofluoromethane	ND	2.9	0.57	ug/Kg	1	10/03/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Vinyl chloride	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97			%	1	10/03/19	JLI	70 - 130 %	
% Bromofluorobenzene	96			%	1	10/03/19	JLI	70 - 130 %	
% Dibromofluoromethane	100			%	1	10/03/19	JLI	70 - 130 %	
% Toluene-d8	98			%	1	10/03/19	JLI	70 - 130 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	10/04/19	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D	
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D	
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D	
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D	
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D	
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	10/04/19	WB	SW8270D	
2,4,6-Trichlorophenol	ND	180	120	ug/Kg	1	10/04/19	WB	SW8270D	
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	10/04/19	WB	SW8270D	
2,4-Dimethylphenol	ND	250	90	ug/Kg	1	10/04/19	WB	SW8270D	
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	10/04/19	WB	SW8270D	
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	10/04/19	WB	SW8270D	
2,6-Dinitrotoluene	ND	180	120	ug/Kg	1	10/04/19	WB	SW8270D	
2-Chloronaphthalene	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D	
2-Chlorophenol	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D	
2-Methylnaphthalene	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	10/04/19	WB	SW8270D	
2-Nitroaniline	ND	250	250	ug/Kg	1	10/04/19	WB	SW8270D	
2-Nitrophenol	ND	250	230	ug/Kg	1	10/04/19	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	10/04/19	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	10/04/19	WB	SW8270D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
3-Nitroaniline	ND	360	730	ug/Kg	1	10/04/19	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	220	73	ug/Kg	1	10/04/19	WB	SW8270D
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	10/04/19	WB	SW8270D
4-Chloroaniline	ND	290	170	ug/Kg	1	10/04/19	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
4-Nitroaniline	ND	360	120	ug/Kg	1	10/04/19	WB	SW8270D
4-Nitrophenol	ND	360	160	ug/Kg	1	10/04/19	WB	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D
Acenaphthylene	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D
Aniline	ND	290	290	ug/Kg	1	10/04/19	WB	SW8270D
Anthracene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Benz(a)anthracene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Benzidine	ND	360	210	ug/Kg	1	10/04/19	WB	SW8270D
Benzo(a)pyrene	ND	180	120	ug/Kg	1	10/04/19	WB	SW8270D
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Benzoic acid	ND	1800	730	ug/Kg	1	10/04/19	WB	SW8270D
Benzyl butyl phthalate	ND	250	94	ug/Kg	1	10/04/19	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D
Bis(2-chloroethyl)ether	ND	180	98	ug/Kg	1	10/04/19	WB	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D
Carbazole	ND	180	150	ug/Kg	1	10/04/19	WB	SW8270D
Chrysene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	10/04/19	WB	SW8270D
Dibenzofuran	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D
Diethyl phthalate	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D
Di-n-butylphthalate	ND	250	97	ug/Kg	1	10/04/19	WB	SW8270D
Di-n-octylphthalate	ND	250	94	ug/Kg	1	10/04/19	WB	SW8270D
Fluoranthene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Fluorene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Hexachlorobenzene	ND	180	110	ug/Kg	1	10/04/19	WB	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	10/04/19	WB	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D
Hexachloroethane	ND	180	110	ug/Kg	1	10/04/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Isophorone	ND	180	100	ug/Kg	1	10/04/19	WB	SW8270D
Naphthalene	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D
Nitrobenzene	ND	180	130	ug/Kg	1	10/04/19	WB	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	10/04/19	WB	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	10/04/19	WB	SW8270D
Pentachloronitrobenzene	ND	250	140	ug/Kg	1	10/04/19	WB	SW8270D
Pentachlorophenol	ND	220	140	ug/Kg	1	10/04/19	WB	SW8270D
Phenanthrene	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D

Project ID: IPARK 0118.34
Client ID: SS-4 (1-2)10032019

Phoenix I.D.: CE26613

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Phenol	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D	
Pyrene	ND	250	130	ug/Kg	1	10/04/19	WB	SW8270D	
Pyridine	ND	250	90	ug/Kg	1	10/04/19	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	51			%	1	10/04/19	WB	30 - 130 %	
% 2-Fluorobiphenyl	49			%	1	10/04/19	WB	30 - 130 %	
% 2-Fluorophenol	48			%	1	10/04/19	WB	30 - 130 %	
% Nitrobenzene-d5	44			%	1	10/04/19	WB	30 - 130 %	
% Phenol-d5	52			%	1	10/04/19	WB	30 - 130 %	
% Terphenyl-d14	43			%	1	10/04/19	WB	30 - 130 %	
Field Extraction	Completed					10/03/19		SW5035A	1

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
October 04, 2019
Official Report Release To Follow

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

October 04, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/03/19	13:10
Location Code:	WALDENE	Received by:	CP	10/03/19	17:16
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				

Laboratory Data

SDG ID: GCE26612
Phoenix ID: CE26614

Project ID: IPARK 0118.34
Client ID: SS-5 (0-1)10032019

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	11300	35	7.0	mg/Kg	10	10/04/19	EK	SW6010D
Antimony	ND	3.5	3.5	mg/Kg	1	10/04/19	EK	SW6010D
Arsenic	6.04	0.70	0.70	mg/Kg	1	10/04/19	EK	SW6010D
Barium	59.3	0.7	0.35	mg/Kg	1	10/04/19	EK	SW6010D
Beryllium	0.41	0.28	0.14	mg/Kg	1	10/04/19	EK	SW6010D
Calcium	32600	35	32	mg/Kg	10	10/04/19	EK	SW6010D
Cadmium	0.57	0.35	0.35	mg/Kg	1	10/04/19	EK	SW6010D
Chromium	25.3	0.35	0.35	mg/Kg	1	10/04/19	EK	SW6010D
Cobalt	11.5	0.35	0.35	mg/Kg	1	10/04/19	EK	SW6010D
Copper	48.1	0.7	0.35	mg/kg	1	10/04/19	EK	SW6010D
Iron	25000	35	35	mg/Kg	10	10/04/19	EK	SW6010D
Lead	12.3	0.7	0.35	mg/Kg	1	10/04/19	EK	SW6010D
Magnesium	20700	35	35	mg/Kg	10	10/04/19	EK	SW6010D
Manganese	672	3.5	3.5	mg/Kg	10	10/04/19	EK	SW6010D
Mercury	ND	0.07	0.04	mg/Kg	5	10/04/19	RS	SW7471B
Nickel	65.2	0.35	0.35	mg/Kg	1	10/04/19	EK	SW6010D
Potassium	1520	7	2.7	mg/Kg	1	10/04/19	EK	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	10/04/19	EK	SW6010D
Silver	ND	0.35	0.35	mg/Kg	1	10/04/19	EK	SW6010D
Sodium	203	7	3.0	mg/Kg	1	10/04/19	EK	SW6010D
Thallium	ND	1.4	1.4	mg/Kg	1	10/04/19	EK	SW6010D
Vanadium	15.6	0.35	0.35	mg/Kg	1	10/04/19	EK	SW6010D
Zinc	69.7	0.7	0.35	mg/Kg	1	10/04/19	EK	SW6010D
Percent Solid	91			%		10/03/19	VT	SW846-%Solid
Soil Extraction for SVOA	Completed					10/03/19	AT/K/UL	SW3545A
Mercury Digestion	Completed					10/04/19	LS/LS	SW7471B
Total Metals Digest	Completed					10/03/19	JJ/AG/BF	SW3050B

Project ID: IPARK 0118.34
Client ID: SS-5 (0-1)10032019

Phoenix I.D.: CE26614

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND	2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1-Dichloroethane	ND	2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1-Dichloroethene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1-Dichloropropene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2-Dibromoethane	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2-Dichloroethane	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2-Dichloropropane	ND	2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
1,3-Dichloropropane	ND	2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
2,2-Dichloropropane	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
2-Chlorotoluene	ND	2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
2-Hexanone	ND	15	2.9	ug/Kg	1	10/03/19	JLI	SW8260C	
2-Isopropyltoluene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	1
4-Chlorotoluene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND	15	2.9	ug/Kg	1	10/03/19	JLI	SW8260C	
Acetone	ND	15	2.9	ug/Kg	1	10/03/19	JLI	SW8260C	
Acrylonitrile	ND	5.8	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
Benzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Bromobenzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Bromochloromethane	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Bromodichloromethane	ND	2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
Bromoform	ND	2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
Bromomethane	ND	2.9	1.2	ug/Kg	1	10/03/19	JLI	SW8260C	
Carbon Disulfide	ND	2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
Carbon tetrachloride	ND	2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
Chlorobenzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Chloroethane	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Chloroform	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Chloromethane	ND	2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Dibromochloromethane	ND	2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
Dibromomethane	ND	2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
Dichlorodifluoromethane	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Ethylbenzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Hexachlorobutadiene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Isopropylbenzene	ND	2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	0.63	J	2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND		17	2.9	ug/Kg	1	10/03/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		5.8	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
Methylene chloride	ND		2.9	2.9	ug/Kg	1	10/03/19	JLI	SW8260C	
Naphthalene	ND		2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
n-Butylbenzene	ND		2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
n-Propylbenzene	ND		2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
o-Xylene	ND		2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
p-Isopropyltoluene	ND		2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
sec-Butylbenzene	ND		2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Styrene	ND		2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
tert-Butylbenzene	ND		2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Tetrachloroethene	0.90	J	2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		5.8	1.5	ug/Kg	1	10/03/19	JLI	SW8260C	1
Toluene	ND		2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		5.8	1.5	ug/Kg	1	10/03/19	JLI	SW8260C	
Trichloroethene	ND		2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Trichlorofluoromethane	ND		2.9	0.58	ug/Kg	1	10/03/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND		2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
Vinyl chloride	ND		2.9	0.29	ug/Kg	1	10/03/19	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	10/03/19	JLI	70 - 130 %	
% Bromofluorobenzene	98				%	1	10/03/19	JLI	70 - 130 %	
% Dibromofluoromethane	95				%	1	10/03/19	JLI	70 - 130 %	
% Toluene-d8	99				%	1	10/03/19	JLI	70 - 130 %	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		250	130	ug/Kg	1	10/04/19	WB	SW8270D	
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	1	10/04/19	WB	SW8270D	
1,2-Dichlorobenzene	ND		250	100	ug/Kg	1	10/04/19	WB	SW8270D	
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	1	10/04/19	WB	SW8270D	
1,3-Dichlorobenzene	ND		250	110	ug/Kg	1	10/04/19	WB	SW8270D	
1,4-Dichlorobenzene	ND		250	110	ug/Kg	1	10/04/19	WB	SW8270D	
2,4,5-Trichlorophenol	ND		250	200	ug/Kg	1	10/04/19	WB	SW8270D	
2,4,6-Trichlorophenol	ND		180	110	ug/Kg	1	10/04/19	WB	SW8270D	
2,4-Dichlorophenol	ND		180	130	ug/Kg	1	10/04/19	WB	SW8270D	
2,4-Dimethylphenol	ND		250	89	ug/Kg	1	10/04/19	WB	SW8270D	
2,4-Dinitrophenol	ND		250	250	ug/Kg	1	10/04/19	WB	SW8270D	
2,4-Dinitrotoluene	ND		180	140	ug/Kg	1	10/04/19	WB	SW8270D	
2,6-Dinitrotoluene	ND		180	110	ug/Kg	1	10/04/19	WB	SW8270D	
2-Chloronaphthalene	ND		250	100	ug/Kg	1	10/04/19	WB	SW8270D	
2-Chlorophenol	ND		250	100	ug/Kg	1	10/04/19	WB	SW8270D	
2-Methylnaphthalene	ND		250	110	ug/Kg	1	10/04/19	WB	SW8270D	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	1	10/04/19	WB	SW8270D	
2-Nitroaniline	ND		250	250	ug/Kg	1	10/04/19	WB	SW8270D	
2-Nitrophenol	ND		250	230	ug/Kg	1	10/04/19	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	1	10/04/19	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		180	170	ug/Kg	1	10/04/19	WB	SW8270D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
3-Nitroaniline	ND	360	720	ug/Kg	1	10/04/19	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	210	72	ug/Kg	1	10/04/19	WB	SW8270D
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	10/04/19	WB	SW8270D
4-Chloroaniline	ND	290	170	ug/Kg	1	10/04/19	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
4-Nitroaniline	ND	360	120	ug/Kg	1	10/04/19	WB	SW8270D
4-Nitrophenol	ND	360	160	ug/Kg	1	10/04/19	WB	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D
Acenaphthylene	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D
Aniline	ND	290	290	ug/Kg	1	10/04/19	WB	SW8270D
Anthracene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Benz(a)anthracene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Benzidine	ND	360	210	ug/Kg	1	10/04/19	WB	SW8270D
Benzo(a)pyrene	ND	180	120	ug/Kg	1	10/04/19	WB	SW8270D
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Benzoic acid	ND	1800	720	ug/Kg	1	10/04/19	WB	SW8270D
Benzyl butyl phthalate	ND	250	92	ug/Kg	1	10/04/19	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	1	10/04/19	WB	SW8270D
Bis(2-chloroethyl)ether	ND	180	97	ug/Kg	1	10/04/19	WB	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	99	ug/Kg	1	10/04/19	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D
Carbazole	ND	180	140	ug/Kg	1	10/04/19	WB	SW8270D
Chrysene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	10/04/19	WB	SW8270D
Dibenzofuran	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D
Di-n-butylphthalate	ND	250	95	ug/Kg	1	10/04/19	WB	SW8270D
Di-n-octylphthalate	ND	250	92	ug/Kg	1	10/04/19	WB	SW8270D
Fluoranthene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Fluorene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Hexachlorobenzene	ND	180	100	ug/Kg	1	10/04/19	WB	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	10/04/19	WB	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D
Hexachloroethane	ND	180	110	ug/Kg	1	10/04/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Isophorone	ND	180	100	ug/Kg	1	10/04/19	WB	SW8270D
Naphthalene	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D
Nitrobenzene	ND	180	130	ug/Kg	1	10/04/19	WB	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	10/04/19	WB	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	10/04/19	WB	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	10/04/19	WB	SW8270D
Pentachlorophenol	ND	210	140	ug/Kg	1	10/04/19	WB	SW8270D
Phenanthrene	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D

Project ID: IPARK 0118.34
Client ID: SS-5 (0-1)10032019

Phoenix I.D.: CE26614

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Phenol	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D	
Pyrene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D	
Pyridine	ND	250	88	ug/Kg	1	10/04/19	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	60			%	1	10/04/19	WB	30 - 130 %	
% 2-Fluorobiphenyl	55			%	1	10/04/19	WB	30 - 130 %	
% 2-Fluorophenol	52			%	1	10/04/19	WB	30 - 130 %	
% Nitrobenzene-d5	48			%	1	10/04/19	WB	30 - 130 %	
% Phenol-d5	57			%	1	10/04/19	WB	30 - 130 %	
% Terphenyl-d14	50			%	1	10/04/19	WB	30 - 130 %	
Field Extraction	Completed					10/03/19		SW5035A	1

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
October 04, 2019
Official Report Release To Follow

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

October 04, 2019

FOR: Attn: Nora Brew
Walden Environmental Engineering PLLC
16 Spring Street
Oyster Bay, NY 11771

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/03/19	12:25
Location Code:	WALDENE	Received by:	CP	10/03/19	17:16
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.34				

Laboratory Data

SDG ID: GCE26612
Phoenix ID: CE26615

Project ID: IPARK 0118.34
Client ID: SS-6 (0-1)10032019

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	12300	36	7.1	mg/Kg	10	10/04/19	EK	SW6010D
Antimony	ND	3.6	3.6	mg/Kg	1	10/04/19	EK	SW6010D
Arsenic	6.96	0.71	0.71	mg/Kg	1	10/04/19	EK	SW6010D
Barium	67.2	0.7	0.36	mg/Kg	1	10/04/19	EK	SW6010D
Beryllium	0.46	0.29	0.14	mg/Kg	1	10/04/19	EK	SW6010D
Calcium	24900	36	33	mg/Kg	10	10/04/19	EK	SW6010D
Cadmium	0.61	0.36	0.36	mg/Kg	1	10/04/19	EK	SW6010D
Chromium	13.5	0.36	0.36	mg/Kg	1	10/04/19	EK	SW6010D
Cobalt	10.8	0.36	0.36	mg/Kg	1	10/04/19	EK	SW6010D
Copper	26.8	0.7	0.36	mg/kg	1	10/04/19	EK	SW6010D
Iron	26300	36	36	mg/Kg	10	10/04/19	EK	SW6010D
Lead	24.3	0.7	0.36	mg/Kg	1	10/04/19	EK	SW6010D
Magnesium	18400	36	36	mg/Kg	10	10/04/19	EK	SW6010D
Manganese	791	3.6	3.6	mg/Kg	10	10/04/19	EK	SW6010D
Mercury	ND	0.07	0.04	mg/Kg	5	10/04/19	RS	SW7471B
Nickel	20.9	0.36	0.36	mg/Kg	1	10/04/19	EK	SW6010D
Potassium	1880	7	2.8	mg/Kg	1	10/04/19	EK	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	10/04/19	EK	SW6010D
Silver	ND	0.36	0.36	mg/Kg	1	10/04/19	EK	SW6010D
Sodium	484	7	3.1	mg/Kg	1	10/04/19	EK	SW6010D
Thallium	ND	1.4	1.4	mg/Kg	1	10/04/19	EK	SW6010D
Vanadium	16.5	0.36	0.36	mg/Kg	1	10/04/19	EK	SW6010D
Zinc	67.7	0.7	0.36	mg/Kg	1	10/04/19	EK	SW6010D
Percent Solid	91			%		10/03/19	VT	SW846-%Solid
Soil Extraction for SVOA	Completed					10/03/19	AT/K/UL	SW3545A
Mercury Digestion	Completed					10/04/19	LS/LS	SW7471B
Total Metals Digest	Completed					10/03/19	JJ/AG/BF	SW3050B

Project ID: IPARK 0118.34
Client ID: SS-6 (0-1)10032019

Phoenix I.D.: CE26615

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1-Dichloroethane	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1-Dichloroethene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
1,1-Dichloropropene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2-Dibromoethane	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2-Dichloroethane	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
1,2-Dichloropropane	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
1,3-Dichloropropane	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
2,2-Dichloropropane	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
2-Chlorotoluene	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
2-Hexanone	ND	17	3.4	ug/Kg	1	10/03/19	JLI	SW8260C	
2-Isopropyltoluene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	1
4-Chlorotoluene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND	17	3.4	ug/Kg	1	10/03/19	JLI	SW8260C	
Acetone	ND	17	3.4	ug/Kg	1	10/03/19	JLI	SW8260C	
Acrylonitrile	ND	6.7	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
Benzene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
Bromobenzene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
Bromochloromethane	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
Bromodichloromethane	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
Bromoform	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
Bromomethane	ND	3.4	1.3	ug/Kg	1	10/03/19	JLI	SW8260C	
Carbon Disulfide	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
Carbon tetrachloride	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
Chlorobenzene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
Chloroethane	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
Chloroform	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
Chloromethane	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
Dibromochloromethane	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
Dibromomethane	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
Dichlorodifluoromethane	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
Ethylbenzene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
Hexachlorobutadiene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
Isopropylbenzene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND	20	3.4	ug/Kg	1	10/03/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	6.7	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
Methylene chloride	ND	3.4	3.4	ug/Kg	1	10/03/19	JLI	SW8260C	
Naphthalene	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
n-Butylbenzene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
n-Propylbenzene	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
o-Xylene	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
p-Isopropyltoluene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
sec-Butylbenzene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
Styrene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
tert-Butylbenzene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
Tetrachloroethene	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	6.7	1.7	ug/Kg	1	10/03/19	JLI	SW8260C	1
Toluene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	6.7	1.7	ug/Kg	1	10/03/19	JLI	SW8260C	
Trichloroethene	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
Trichlorofluoromethane	ND	3.4	0.67	ug/Kg	1	10/03/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
Vinyl chloride	ND	3.4	0.34	ug/Kg	1	10/03/19	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	10/03/19	JLI	70 - 130 %	
% Bromofluorobenzene	97			%	1	10/03/19	JLI	70 - 130 %	
% Dibromofluoromethane	95			%	1	10/03/19	JLI	70 - 130 %	
% Toluene-d8	97			%	1	10/03/19	JLI	70 - 130 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	10/04/19	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D	
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D	
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D	
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D	
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D	
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	10/04/19	WB	SW8270D	
2,4,6-Trichlorophenol	ND	180	110	ug/Kg	1	10/04/19	WB	SW8270D	
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	10/04/19	WB	SW8270D	
2,4-Dimethylphenol	ND	250	88	ug/Kg	1	10/04/19	WB	SW8270D	
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	10/04/19	WB	SW8270D	
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	10/04/19	WB	SW8270D	
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	10/04/19	WB	SW8270D	
2-Chloronaphthalene	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D	
2-Chlorophenol	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D	
2-Methylnaphthalene	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	10/04/19	WB	SW8270D	
2-Nitroaniline	ND	250	250	ug/Kg	1	10/04/19	WB	SW8270D	
2-Nitrophenol	ND	250	230	ug/Kg	1	10/04/19	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	10/04/19	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	10/04/19	WB	SW8270D	

Project ID: IPARK 0118.34
Client ID: SS-6 (0-1)10032019

Phoenix I.D.: CE26615

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
3-Nitroaniline	ND	360	710	ug/Kg	1	10/04/19	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	210	71	ug/Kg	1	10/04/19	WB	SW8270D
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	10/04/19	WB	SW8270D
4-Chloroaniline	ND	290	170	ug/Kg	1	10/04/19	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
4-Nitroaniline	ND	360	120	ug/Kg	1	10/04/19	WB	SW8270D
4-Nitrophenol	ND	360	160	ug/Kg	1	10/04/19	WB	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D
Acenaphthylene	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D
Aniline	ND	290	290	ug/Kg	1	10/04/19	WB	SW8270D
Anthracene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Benz(a)anthracene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Benzidine	ND	360	210	ug/Kg	1	10/04/19	WB	SW8270D
Benzo(a)pyrene	ND	180	120	ug/Kg	1	10/04/19	WB	SW8270D
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Benzoic acid	ND	1800	710	ug/Kg	1	10/04/19	WB	SW8270D
Benzyl butyl phthalate	ND	250	92	ug/Kg	1	10/04/19	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	250	98	ug/Kg	1	10/04/19	WB	SW8270D
Bis(2-chloroethyl)ether	ND	180	96	ug/Kg	1	10/04/19	WB	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	99	ug/Kg	1	10/04/19	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D
Carbazole	ND	180	140	ug/Kg	1	10/04/19	WB	SW8270D
Chrysene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	10/04/19	WB	SW8270D
Dibenzofuran	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D
Di-n-butylphthalate	ND	250	95	ug/Kg	1	10/04/19	WB	SW8270D
Di-n-octylphthalate	ND	250	92	ug/Kg	1	10/04/19	WB	SW8270D
Fluoranthene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Fluorene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Hexachlorobenzene	ND	180	100	ug/Kg	1	10/04/19	WB	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	10/04/19	WB	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D
Hexachloroethane	ND	180	110	ug/Kg	1	10/04/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D
Isophorone	ND	180	100	ug/Kg	1	10/04/19	WB	SW8270D
Naphthalene	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D
Nitrobenzene	ND	180	120	ug/Kg	1	10/04/19	WB	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	10/04/19	WB	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	10/04/19	WB	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	10/04/19	WB	SW8270D
Pentachlorophenol	ND	210	130	ug/Kg	1	10/04/19	WB	SW8270D
Phenanthrene	ND	250	100	ug/Kg	1	10/04/19	WB	SW8270D

Project ID: IPARK 0118.34
Client ID: SS-6 (0-1)10032019

Phoenix I.D.: CE26615

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Phenol	ND	250	110	ug/Kg	1	10/04/19	WB	SW8270D	
Pyrene	ND	250	120	ug/Kg	1	10/04/19	WB	SW8270D	
Pyridine	ND	250	88	ug/Kg	1	10/04/19	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	52			%	1	10/04/19	WB	30 - 130 %	
% 2-Fluorobiphenyl	49			%	1	10/04/19	WB	30 - 130 %	
% 2-Fluorophenol	43			%	1	10/04/19	WB	30 - 130 %	
% Nitrobenzene-d5	39			%	1	10/04/19	WB	30 - 130 %	
% Phenol-d5	45			%	1	10/04/19	WB	30 - 130 %	
% Terphenyl-d14	42			%	1	10/04/19	WB	30 - 130 %	
Field Extraction	Completed					10/03/19		SW5035A	1

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
October 04, 2019
Official Report Release To Follow

Criteria: NY: 375, 375RS

State: NY

Sample Criteria Exceedances Report

GCE26612 - WALDENE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CE26614	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	65.2	0.35	30	30	mg/Kg

NY/NJ/PA CHAIN OF CUSTODY RECORD

PHOENIX *Environmental Laboratories, Inc.*

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

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [X] No [ ]
Temp 2.1 °C Pg of

Contact Options:
[X] Phone: 516-624-7200
[ ] Fax:
[X] Email: nbrewer@walden-associates.com

Customer: National Resources c/o Walden
Address: 2070 Rte 52
Hopewell Junction, NY

Project: iPark 0118.34
Report to: Nora Brew, PE
Invoice to: Mike Buckley
QUOTE # : iPark 0118.34

Project P.O: iPark 0118.34

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 10/3/19

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	Metals 6010C	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [2] H2O	GL Soil container (9) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NAOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
216612	SS-3 (0-1) 10022019	S	10/2/19	15:20	X	X	X		1	1	1								
216613	SS-4 (1-2) 10032019	S	10/3/19	12:40	X	X	X		1	1	1								
216614	SS-5 (0-1) 10032019	S	10/3/19	13:10	X	X	X		1	1	1								
216615	SS-6 (0-1) 10032019	S	10/3/19	12:25	X	X	X		1	1	1								
	~~SS~~	~~S~~	~~error~~																

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	10/3/19	15:30
[signature]	[signature]	10/3/19	17:16

Turnaround:
[X] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[ ] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] Impact to GW soil screen Criteria
[ ] GW Criteria

NY
[ ] TOGS GW
[ ] CP-51 SOIL
[X] 375SCO Unrestricted Soil
[X] 375SCO Residential Soil
[ ] 375SCO Residential
[ ] 375SCO Commercial Soil
[ ] 375SCO Industrial Soil
[ ] Subpart 5 DW

PA
[ ] Clean Fill Limits
[ ] PA-GW
[ ] Reg Fill Limits
[ ] PA Soil Restricted
[ ] PA Soil non-restricted

State Samples Collected? NY

Comments, Special Requirements or Regulations:

Data Format:
[X] Phoenix Std Report
[X] Excel
[X] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] NJ Hazsite EDD
[ ] NY EZ EDD (ASP)
[ ] Other

Data Package:
[ ] NJ Reduced Deliv. *
[X] NY Enhanced (ASP B) *
[ ] Other