Building 330D Loading Docks Area Pre-Construction Soil Characterization Summary Report

at

iPark 84
Former IBM East Fishkill Facility

May 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

May 21, 2019
iPARK0118.31

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 330D Proposed Loading Docks Area
Pre-Construction Soil Characterization Sampling Summary

Dear Ms. LaClair:

Walden Environmental Engineering, PLLC (Walden) has prepared this letter to summarize the results of the pre-construction soil characterization sampling performed in preparation for installation of a loading docks area at Building 330D at the above referenced facility, completed on May 7, 2019. National Resources, the owner of iPark 84, proposes the construction of two (2) loading docks and appurtenant paving along the northern face of Building 330D. The site location map is presented in Figure 1. The excavation/grading required to install the pavement areas is not expected to exceed 40 feet in width or five (5) feet in depth for the main loading area, which will be approximately 80 feet long, nor exceed 20 feet in width and approximately three (3) feet in depth for the access drive, which will be approximately 40 feet long. The total volume of material to be removed during construction is expected to be approximately 350 cubic yards. The area will be paved with asphalt upon completion.

Building 330D is located within Operable Unit 8 (OU8) in the Core Area of the Facility, where the primary constituents of concern are perchloroethylene and its breakdown products and Freon TF (1,1,2-trichloro-1,2,2-trifluoroethane). The sampling presented herein provides the data needed to characterize and evaluate existing soil conditions in the area of the proposed loading docks to allow the appropriate arrangements for handling/disposal to be made prior to excavation activities. In addition, the data documents the nature of the soils and contaminants that will remain in place beneath any backfill, pavement or structures installed during construction of the proposed loading docks.

The work described below was conducted in accordance with the "Building 330D Loading Docks Area Soil Characterization Work Plan" ("Work Plan", Walden, January 2019) which was approved by NYSDEC in a letter dated April 17, 2019. Site photographs taken during the work are presented in Attachment 1.

On April 30, 2019, Walden was on-site with Utility Detection, Inc. of Melville, NY to perform a ground penetrating radar (GPR) survey of the proposed loading docks area to clear the proposed soil boring locations for underground utilities and structures prior to drilling. Extensive underground utilities were identified (see Photograph 3 in Attachment 1). Originally, seventeen (17) sampling locations were anticipated. However, some of the locations had to be moved in order to avoid the utilities and this shift placed several points very close together. Based upon the field conditions, Walden proposed sampling at fourteen (14) sampling locations in order to avoid redundancy and to properly characterize the area. This modification was approved by NYSDEC via email on May 7, 2019 (refer to Figure 2 for the updated boring locations).

Soil coring was performed by AARCO Environmental Services Corp. of Lindenhurst, NY at fourteen (14) locations (designated C-1 through C-14) throughout the proposed area of excavation for the new loading docks on May 7, 2019 (refer to Figure 2). A Geoprobe with five (5) foot Macrocores, plus a one (1) foot extension, were utilized at each soil coring location to retrieve a continuous soil core to eleven (11) feet below grade (ft bg). The cores were visually inspected, logged and screened utilizing a photoionization detector (PID) which was calibrated according to manufacturer's instructions prior to drilling commencement. Refer to Attachment 2, Boring Logs and Figure 2 for the highest PID concentrations recorded at each location. Groundwater was not encountered during drilling activities.

Air monitoring was implemented during the soil coring and sampling intrusive activities in accordance with the Community Air Monitoring Plan (CAMP) included in the NYSDEC-approved Work Plan. Upwind and downwind CAMP air monitoring stations were set up at the locations shown on Figure 2. VOC concentrations were monitored using Mini Rae 3000 Photo-ionization detectors (PID) and DustTrak II units were used to monitor particulate concentrations. The instruments were calibrated at the beginning of the work day. Each CAMP air monitoring station had a PID and a dust meter connected to a data logger to continuously record the breathing zone VOC and dust concentrations during the work day, from before the work started until after work was completed. Walden also recorded the VOC and dust concentrations at each monitoring station every fifteen minutes during the work day to ensure that appropriate actions could be implemented as needed based on the action levels presented in the CAMP.

The CAMP recorded data are provided in Attachment 3, CAMP Monitoring Data. Note that the data logger on the downwind dust meter did not operate properly; however, Walden recorded the data readings by hand at approximate 15-minute intervals during the work (see the attached Air Monitoring Daily Report sheets). The CAMP monitoring results indicated no air quality impacts associated with the drilling and sampling activities.

Three (3) soil cores were selected for laboratory sample analysis; the core closest to the building (C-1), farthest from the building (C-11), and from the proposed entry road (C-3). These cores also exhibited slightly elevated PID measurements (0.0 parts per million [ppm], 1.1 ppm, and 3.4 ppm, respectively). From each of the three (3) cores selected, three (3) soil samples were collected for laboratory analysis, one (1) from within the 0-3 ft bg, 3-6 ft bg, and 6-11 ft bg intervals, for a total of nine (9) soil samples to be analyzed.

The soil samples were submitted to Phoenix Environmental Laboratories, Inc. of Manchester, CT, for laboratory analysis of NYCRR Part 375-6.8 Metals via EPA Method 6010, Volatile Organic Compounds (VOCs) via EPA Method 8260, Semi-Volatile Organic Compounds (SVOCs) via EPA Method 8270, Polychlorinated Biphenyls (PCBs) via EPA Method SW8082A, Pesticides via EPA Method SW8081B, and Herbicides via EPA Method SW8151A. The laboratory reports are presented in Attachment 4. The laboratory analytical results are summarized and compared to the NYCRR Part 375 Industrial Use Soil Cleanup Objectives (SCOs), Residential Use SCOs and Unrestricted Use SCOs in the attached Tables 1 through 6.

- None of the soil sampling results exceeded the applicable Industrial Use SCOs or the Residential Use SCOs with respect to any of the Metals, VOCs, SVOCs, PCBs, Pesticides or Herbicides.
- No SVOCs, PCBs or herbicides detected above method detection limits in any of the samples.
- While none of the reported concentrations exceeded the respective Industrial Use SCOs or Residential Use SCOs, the reported laboratory results indicated some exceedances of the respective Unrestricted Use SCOs as follows:
    - Nickel in sample C-1 from 6-11 ft bg; the reported concentration (30.7 mg/kg) is slightly above the Unrestricted Use SCO (30 mg/kg) but less than the Residential Use SCO (140 mg/kg).
    - Acetone sample C-11 from 6-11 ft bg; the reported acetone concentration (52 µg/kg) is slightly above the Unrestricted Use SCO (50 µg/kg) but less than the Residential Use SCO (100,000 µg/kg). This result is qualified as acetone is a suspected laboratory contaminant.

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- Three (3) pesticides (4,4'-DDD, 4,4'-DDE and 4,4'-DDT) in four (4) samples exceeded the Unrestricted Use SCOs (3.3 µg/kg for each) but were less than the Residential Use SCOs (ranging from 1,700 to 2,600 µg/kg):
  - 4,4'-DDD was detected at 47 µg/kg in the 3-6 ft bg sample from C-3 and at 69 µg/kg in the 6-11 ft bg sample from C-11;
  - 4,4'-DDE was detected at 8.4 µg/kg in the 0-3 ft bg sample from C-3, at 140 µg/kg in the 3-6 ft bg sample from C-3, at 7.2 µg/kg in the 3-6 ft bg sample from C-11, and at 120 µg/kg in the 6-11 ft bg sample from C-11;
  - 4,4'-DDT was detected at 5.4 µg/kg in the 3-6 ft bg sample from C-3 and at 9.5 µg/kg in the 6-11 ft bg sample from C-11.

Based on the above results from the pre-construction field investigation, please confirm that excess soils from the proposed Building 330D loading docks installation are suitable for future on-site use. Note that additional soil sampling will be conducted as part of the loading docks excavation work in accordance with the NYSDEC-approved Work Plan.

Please call me at (516) 624-7200 if you have any questions or need any additional information.

Very truly yours,
Walden Environmental Engineering, PLLC

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

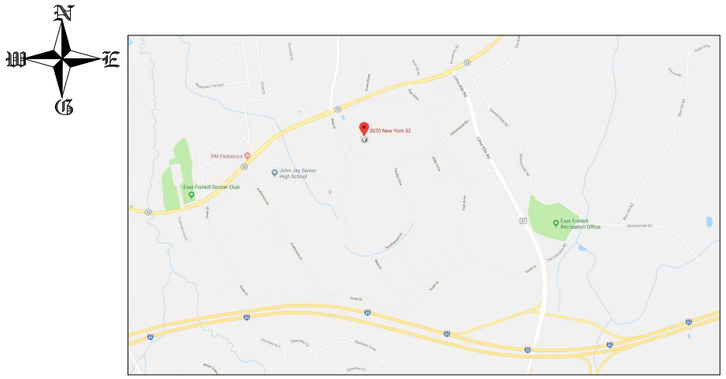
Attachments
Figure 1 – Site Plan
Figure 2 – Soil Sampling Locations
Tables 1 through 6 – Summary of Analytical Results
Attachment 1 – Site Photographs
Attachment 2 – Boring Logs
Attachment 3 – CAMP Data
Attachment 4 – Laboratory Analytical Report

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

Z:\iPark0118\iPark0118.31 - Bldg 330D Loading Dock Soil Sampling\Soil Sampling Report\Soil Sampling Summary for Bldg 330D Loading Docks 5.21.2019.docx

FIGURE 1

SITE PLAN



SITE LOCATION

NOT TO SCALE
SOURCE: GOOGLEMAPS.COM

LEGEND

PROPERTY LINE

PROPOSED WORK AREA

SITE PLAN

NOT TO SCALE
SOURCE: GOOGLEMAPS.COM

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.
OFFSITE BASEMAP: "GROUNDWATER MONITORING BASEMAP", IBM EAST FISHKILL FACILITY (9718NEW.DWG, ORIGINAL DATE 12/21/98).
TOPOGRAPHY: PHOTOGRAMMETRY BY GOLDEN AERIAL SURVEYS, INC., NEWTON, CT (3/3/1997).
CONTOUR INTERVAL: 1 FOOT (HORIZONTAL DATUM BASED UPON IBM EAST FISHKILL COORDINATE SYSTEM; VERTICAL DATUM BASED UPON NATIONAL GEODETIC VERTICAL DATUM OF 1929).
HORIZONTAL ACCURACY: 90% OF ALL DETAIL, FIELD CHECKED, WILL BE WITHIN +/- 1.0 FOOT, THE REMAINING 10% OF DETAIL, WILL BE WITHIN +/- 2.0 FEET OF ITS TRUE POSITION.
VERTICAL ACCURACY: 90% OF ALL CONTOURS, FIELD CHECKED, WILL BE WITHIN +/- 0.5 FOOT. THE REMAINING 10% OF CONTOURS, FIELD CHECKED, WILL BE WITHIN +/- 1.0 FEET.

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NO	DATE	REVISION COMMENTS
0	12/12/18	DEC SUBMISSION

FOR: BUILDING 330D, iPark Campus, 2070 Route 52, Hopewell Junction, New York

DRAWING TITLE: FIGURE 1- SITE PLAN, Building 330D Proposed Loading Docks

DRAWING NO: 1

ISSUED

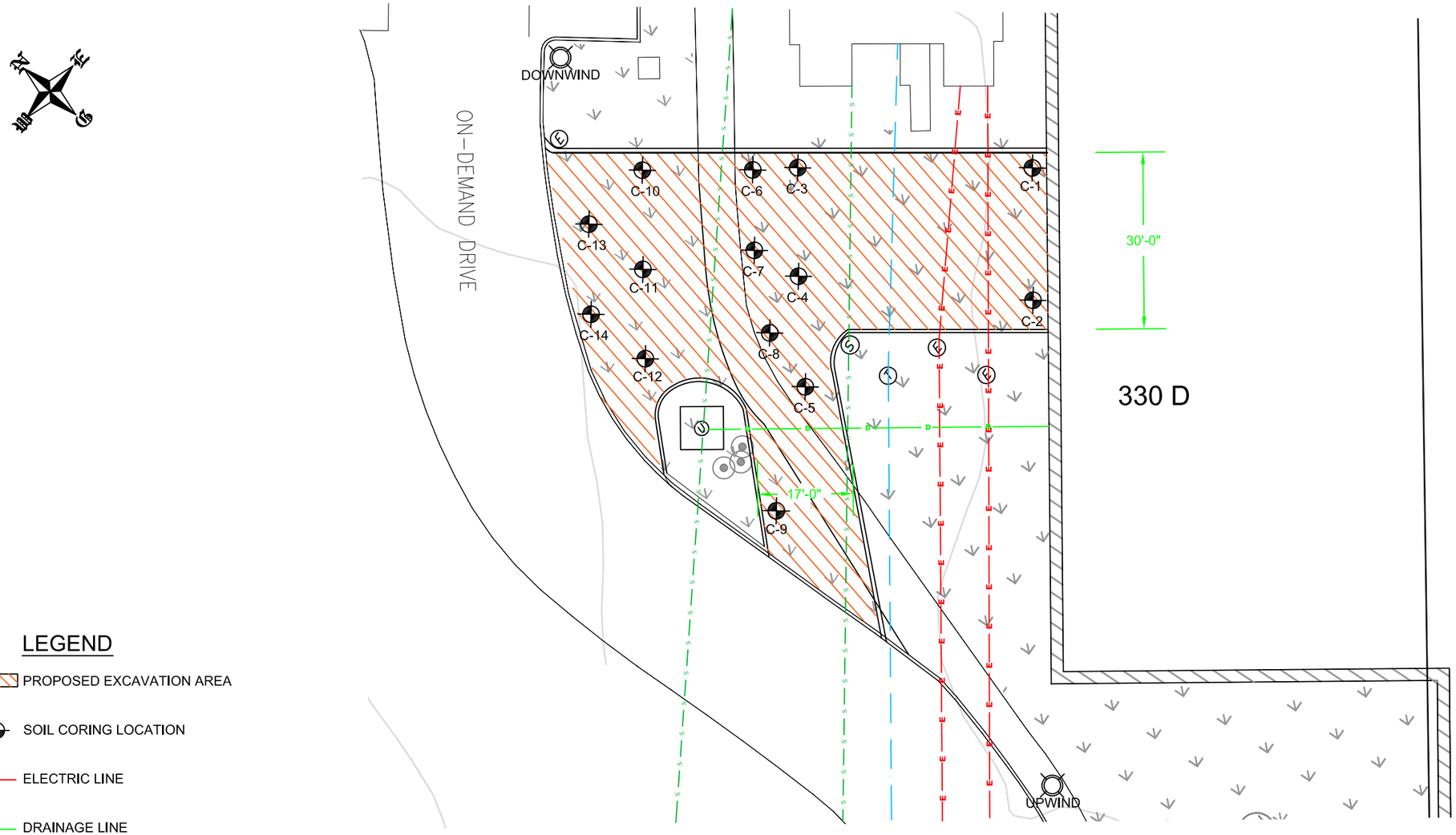
REVISION NO: 0

DESIGNED BY: LL | DRAWN BY: EJK / LTG | JOB NO: iPARK0118.19 | DATE: 12/12/2018 | 11x17 | SHEET NO: 1 OF 2

APPROVED BY: | SCALE: AS NOTED | CAD FILE NAME: Z:\iPark0118\iPark0118.19 - Loading dock design at Bldg 330D - Crepini\Sampling plan\Draft - Site Plan.dwg

FIGURE 2

SOIL SAMPLING LOCATIONS



PROPOSED SOIL SAMPLING LOCATIONS

SCALE: 1"=20'-0"

0 10 20 40 60

SCALE: 1"=20'

LEGEND

- PROPOSED EXCAVATION AREA
- SOIL CORING LOCATION
- ELECTRIC LINE
- DRAINAGE LINE
- TELEPHONE LINE
- SANITARY LINE
- CAMP STATION

NOTE:

SAMPLES FROM THREE (3) OF THE SEVENTEEN (17) SOIL CORES WILL BE SELECTED FOR LABORATORY ANALYSIS BASED ON THE CORES EXHIBITING THE GREATEST VISUAL OR OLFACTORY EVIDENCE OF CONTAMINATION (ODORS/STAINING) AND/OR THE HIGHEST PID SCREENING READINGS. IF NO EVIDENCE OF CONTAMINATION OR ELEVATED PID READINGS ARE OBSERVED, SAMPLES FROM CORING LOCATIONS C-1, C-9, AND C-14 WILL BE SUBMITTED FOR LABORATORY ANALYSIS.

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.
OFFSITE BASEMAP: "GROUNDWATER MONITORING BASEMAP", IBM EAST FISHKILL FACILITY (9718NEW.DWG, ORIGINAL DATE 12/21/98).
TOPOGRAPHY: PHOTOGRAMMETRY BY GOLDEN AERIAL SURVEYS, INC., NEWTON, CT (3/3/1997).
CONTOUR INTERVAL: 1 FOOT (HORIZONTAL DATUM BASED UPON IBM EAST FISHKILL COORDINATE SYSTEM; VERTICAL DATUM BASED UPON NATIONAL GEODETIC VERTICAL DATUM OF 1929).
HORIZONTAL ACCURACY: 90% OF ALL DETAIL, FIELD CHECKED, WILL BE WITHIN +/- 1.0 FOOT. THE REMAINING 10% OF DETAIL, WILL BE WITHIN +/- 2.0 FEET OF ITS TRUE POSITION.
VERTICAL ACCURACY: 90% OF ALL CONTOURS, FIELD CHECKED, WILL BE WITHIN +/- 0.5 FOOT. THE REMAINING 10% OF CONTOURS, FIELD CHECKED, WILL BE WITHIN +/- 1.0 FEET.

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		REVISION
NO	DATE	COMMENTS
0	12/12/18	DEC SUBMISSION
1	5/6/19	UPDATED BORING LOCATIONS

FOR: BUILDING 330D, iPARK CAMPUS, 2070 ROUTE 52, HOPEWELL JUNCTION, NEW YORK

DRAWING TITLE: FIGURE 2- PROPOSED SAMPLING PLAN, BUILDING 330D PROPOSED LOADING DOCK

DRAWING NO: 2

ISSUED

REVISION NO: 1

DESIGNED BY: LL | DRAWN BY: EJK / LTG | JOB NO: iPARK0118.19 | DATE: 5/20/2019 | 11x17 | SHEET NO: 2 OF 2

APPROVED BY: JMH | SCALE: AS NOTED | CAD FILE NAME: Z:\iPark\0118\Park0118.31 - Bldg 330D Loading Dock Soil Sampling\Sampling Plan 5-6-19 edits.dwg

TABLES 1 THROUGH 6

ANALYTICAL RESULTS

iPARK 84 Campus
2070 NY-Route 52
Hopewell Junction, New York

TABLE 1
SUMMARY OF SOIL ANALYSIS - BUILDING 330D LOADING DOCKS AREA
METALS ONLY

						Collection Date	5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019	
						Sample ID	C-1-0-3-050719		C-1-3-6-050719		C-1-6-11-050719		C-3-0-3-050719		C-3-3-6-050719		C-3-6-11-050719		C-11-0-3-050719		C-11-3-6-050719		C-11-6-11-050719	
						Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
			NYCRR Part 375 SCOs																					
	CAS	Units	Industrial 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
Metals, Total																								
Arsenic	7440-38-2	mg/Kg	16	16	13	**5.24**		**5.07**		**7.11**		**5.57**		**5.32**		**6.25**		**8.06**		**6.65**		**6.71**	
Barium	7440-39-3	mg/Kg	10,000	350	350	**46.7**		**30.1**		**71.8**		**59.3**		**79.3**		**61.7**		**49.2**		**92**		**76.9**	
Beryllium	7440-41-7	mg/Kg	2,700	14	7.2	**0.41**		**0.36**		**0.8**		**0.58**		**0.68**		**0.53**		**0.48**		**0.71**		**0.76**	
Cadmium	7440-43-9	mg/Kg	60	2.5	2.5	< 0.37	U	< 0.39	U	**0.69**		**0.59**		**0.61**		**0.58**		**0.6**		**0.63**		**0.65**	
Chromium	7440-47-3	mg/Kg			30	**11.2**		**8.66**		**20.4**		**16**		**19.3**		**14.3**		**16.3**		**18.7**		**17.2**	
Copper	7440-50-8	mg/kg	10,000	270	50	**19.4**		**17.2**		**31**		**20.3**		**18**		**21.6**		**24.4**		**23.1**		**22.6**	
Lead	7439-92-1	mg/Kg	3,900	400	63	**13.7**		**8.5**		**15.9**		**14.1**		**15.5**		**12.6**		**27**		**17.3**		**16.6**	
Manganese	7439-96-5	mg/Kg	10,000	2,000	1,600	**759**		**709**		**1,060**		**712**		**800**		**805**		**938**		**1,320**		**902**	
Mercury	7439-97-6	mg/Kg	5.7	0.81	0.18	< 0.07	U	< 0.07	U	**0.06**	J	< 0.08	U	< 0.07	U	< 0.08	U	< 0.07	U	**0.04**		**0.04**	
Nickel	7440-02-0	mg/Kg	10,000	140	30	**16.5**		**17.2**		**30.7**		**20.6**		**22.2**		**20.7**		**21**		**23.1**		**23.4**	
Selenium	7782-49-2	mg/Kg	6,800	36	3.9	< 1.5	U	< 1.6	U	< 1.4	U	< 1.6	U	< 1.6	U	< 1.6	U	< 1.4	U	< 1.7	U	< 1.6	U
Silver	7440-22-4	mg/Kg	6,800	36	2	< 0.37	U	< 0.39	U	< 0.36	U	< 0.41	U	< 0.40	U	< 0.40	U	< 0.36	U	< 0.41	U	< 0.39	U
Zinc	7440-66-6	mg/Kg	10,000	2,200	109	**48.7**		**44**		**81.2**		**65.1**		**71.6**		**57.8**		**77.6**		**74.8**		**66.5**	

Notes:

U - The compound was anlayzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
Bold results indicate those detected above MDLs.
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.
Highlighted results indicate those detected above Unrestricted Use Soil Cleanup Objectives.

iPARK 84 Campus
2070 NY-Route 52
Hopewell Junction, New York

TABLE 2
SUMMARY OF SOIL ANALYSIS - BUILDING 330D LOADING DOCKS AREA
VOCs ONLY

						Collection Date	5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019	
						Sample ID	C-1-0-3-050719		C-1-3-6-050719		C-1-6-11-050719		C-3-0-3-050719		C-3-3-6-050719		C-3-6-11-050719		C-11-0-3-050719		C-11-3-6-050719		C-11-6-11-050719	
						Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
			NYCRR Part 375 SCOs																					
	CAS	Units	Industrial 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	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
1,1,1-Trichloroethane	71-55-6	ug/Kg	1,000,000	100,000	680	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
1,1,2,2-Tetrachloroethane	79-34-5	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
1,1,2-Trichloroethane	79-00-5	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
1,1-Dichloroethane	75-34-3	ug/Kg	480,000	19,000	270	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
1,1-Dichloroethene	75-35-4	ug/Kg	1,000,000	100,000	330	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
1,1-Dichloropropene	563-58-6	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
1,2,3-Trichlorobenzene	87-61-6	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
1,2,3-Trichloropropane	96-18-4	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
1,2,4-Trichlorobenzene	120-82-1	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
1,2,4-Trimethylbenzene	95-63-6	ug/Kg	380,000	47,000	3,600	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	**1.7**	J	< 5.7	U	< 5.9	U	**0.98**	J
1,2-Dibromo-3-chloropropane	96-12-8	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
1,2-Dibromoethane	106-93-4	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
1,2-Dichlorobenzene	95-50-1	ug/Kg	1,000,000	100,000	1,100	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
1,2-Dichloroethane	107-06-2	ug/Kg	60,000	2,300	20	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
1,2-Dichloropropane	78-87-5	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
1,3,5-Trimethylbenzene	108-67-8	ug/Kg	380,000	47,000	8,400	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	**0.63**	J	< 5.7	U	< 5.9	U	< 5.9	U
1,3-Dichlorobenzene	541-73-1	ug/Kg	560,000	17,000	2,400	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
1,3-Dichloropropane	142-28-9	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
1,4-Dichlorobenzene	106-46-7	ug/Kg	250,000	9,800	1,800	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
2,2-Dichloropropane	594-20-7	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
2-Chlorotoluene	95-49-8	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
2-Hexanone	591-78-6	ug/Kg				< 28	U	< 28	U	< 30	U	< 29	U	< 29	U	< 28	U	< 28	U	< 30	U	< 29	U
2-Isopropyltoluene	527-84-4	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
4-Chlorotoluene	106-43-4	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
4-Methyl-2-pentanone	108-10-1	ug/Kg				< 28	U	< 28	U	< 30	U	< 29	U	< 29	U	< 28	U	< 28	U	< 30	U	< 29	U
Acetone	67-64-1	ug/Kg	1,000,000	100,000	50	**9.9**	JS	< 28	U	< 30	U	< 29	U	< 29	U	**20**	JS	**7.5**	JS	< 30	U	**52**	S
Acrylonitrile	107-13-1	ug/Kg				< 11	U	< 11	U	< 12	U	< 11	U	< 12	U	< 11	U	< 11	U	< 12	U	< 12	U
Benzene	71-43-2	ug/Kg	89,000	2,900	60	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Bromobenzene	108-86-1	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Bromochloromethane	74-97-5	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Bromodichloromethane	75-27-4	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Bromoform	75-25-2	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Bromomethane	74-83-9	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Carbon Disulfide	75-15-0	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Carbon tetrachloride	56-23-5	ug/Kg	44,000	1,400	760	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Chlorobenzene	108-90-7	ug/Kg	1,000,000	100,000	1,100	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U

iPARK 84 Campus
2070 NY-Route 52
Hopewell Junction, New York

TABLE 2
SUMMARY OF SOIL ANALYSIS - BUILDING 330D LOADING DOCKS AREA
VOCs ONLY

					Collection Date	5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019	
					Sample ID	C-1-0-3-050719		C-1-3-6-050719		C-1-6-11-050719		C-3-0-3-050719		C-3-3-6-050719		C-3-6-11-050719		C-11-0-3-050719		C-11-3-6-050719		C-11-6-11-050719	
					Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
			NYCRR Part 375 SCOs																				
	CAS	**Units**	**Industrial 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	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Chloroform	67-66-3	ug/Kg	700,000	10,000	370	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Chloromethane	74-87-3	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
cis-1,2-Dichloroethene	156-59-2	ug/Kg	1,000,000	59,000	250	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	**7.3**		**0.7**	J	< 5.7	U	< 5.9	U	< 5.9	U
cis-1,3-Dichloropropene	10061-01-5	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Dibromochloromethane	124-48-1	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Dibromomethane	74-95-3	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Dichlorodifluoromethane	75-71-8	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Ethylbenzene	100-41-4	ug/Kg	780,000	30,000	1,000	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Hexachlorobutadiene	87-68-3	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Isopropylbenzene	98-82-8	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
m&p-Xylene	179601-23-1	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Methyl Ethyl Ketone	78-93-3	ug/Kg	1,000,000	100,000	120	< 34	U	< 33	U	< 36	U	< 34	U	< 35	U	**5.8**	J	< 34	U	< 35	U	**23**	J
Methyl t-butyl ether (MTBE)	1634-04-4	ug/Kg	1,000,000	62,000	930	< 11	U	< 11	U	< 12	U	< 11	U	< 12	U	< 11	U	< 11	U	< 12	U	< 12	U
Methylene chloride	75-09-2	ug/Kg	1,000,000	51,000	50	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Naphthalene	91-20-3	ug/Kg	1,000,000	100,000	12,000	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	**3.9**	J	< 5.7	U	< 5.9	U	< 5.9	U
n-Butylbenzene	104-51-8	ug/Kg	1,000,000	100,000	12,000	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	**1.3**	J	< 5.7	U	< 5.9	U	< 5.9	U
n-Propylbenzene	103-65-1	ug/Kg	1,000,000	100,000	3,900	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
o-Xylene	95-47-6	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
p-Isopropyltoluene	99-87-6	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	**0.99**	J	< 5.7	U	< 5.9	U	**0.75**	J
sec-Butylbenzene	135-98-8	ug/Kg	1,000,000	100,000	11,000	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	**1.3**	J	< 5.7	U	< 5.9	U	< 5.9	U
Styrene	100-42-5	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
tert-Butylbenzene	98-06-6	ug/Kg	1,000,000	100,000	5,900	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Tetrachloroethene	127-18-4	ug/Kg	300,000	5,500	1,300	< 5.7	U	< 5.6	U	**3.9**	J	< 5.7	U	**27**		< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Tetrahydrofuran (THF)	109-99-9	ug/Kg				< 11	U	< 11	U	< 12	U	< 11	U	< 12	U	< 11	U	< 11	U	< 12	U	< 12	U
Toluene	108-88-3	ug/Kg	1,000,000	100,000	700	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
trans-1,2-Dichloroethene	156-60-5	ug/Kg	1,000,000	100,000	190	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
trans-1,3-Dichloropropene	10061-02-6	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
trans-1,4-dichloro-2-butene	110-57-6	ug/Kg				< 11	U	< 11	U	< 12	U	< 11	U	< 12	U	< 11	U	< 11	U	< 12	U	< 12	U
Trichloroethene	79-01-6	ug/Kg	400,000	10,000	470	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	**1.5**	J	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Trichlorofluoromethane	75-69-4	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	**1.3**	J	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Trichlorotrifluoroethane	76-13-1	ug/Kg				< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U
Vinyl chloride	75-01-4	ug/Kg	27,000	210	20	< 5.7	U	< 5.6	U	< 6.0	U	< 5.7	U	< 5.9	U	< 5.7	U	< 5.7	U	< 5.9	U	< 5.9	U

Notes:
U - The compound was anlayzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
Bold results indicate those detected above MDLs.
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
2070 NY-Route 52
Hopewell Junction, New York

TABLE 3
SUMMARY OF SOIL ANALYSIS - BUILDING 330D LOADING DOCKS AREA
SVOCs ONLY

						Collection Date		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019	
						Sample ID		C-1-0-3-050719		C-1-3-6-050719		C-1-6-11-050719		C-3-0-3-050719		C-3-3-6-050719		C-3-6-11-050719		C-11-0-3-050719		C-11-3-6-050719		C-11-6-11-050719	
						Matrix		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
			NYCRR Part 375 SCOs																				
	CAS	Units	Industrial 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	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
1,2,4-Trichlorobenzene	120-82-1	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
1,2-Dichlorobenzene	95-50-1	ug/Kg	1,000,000	100,000	1,100	< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
1,2-Diphenylhydrazine	122-66-7	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
1,3-Dichlorobenzene	541-73-1	ug/Kg	560,000	17,000	2,400	< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
1,4-Dichlorobenzene	106-46-7	ug/Kg	250,000	9,800	1,800	< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
2,4,5-Trichlorophenol	95-95-4	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
2,4,6-Trichlorophenol	88-06-2	ug/Kg				< 190	U	< 190	U	< 200	U	< 190	U	< 200	U	< 190	U	< 180	U	< 200	U	< 190	U
2,4-Dichlorophenol	120-83-2	ug/Kg				< 190	U	< 190	U	< 200	U	< 190	U	< 200	U	< 190	U	< 180	U	< 200	U	< 190	U
2,4-Dimethylphenol	105-67-9	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
2,4-Dinitrophenol	51-28-5	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
2,4-Dinitrotoluene	121-14-2	ug/Kg				< 190	U	< 190	U	< 200	U	< 190	U	< 200	U	< 190	U	< 180	U	< 200	U	< 190	U
2,6-Dinitrotoluene	606-20-2	ug/Kg				< 190	U	< 190	U	< 200	U	< 190	U	< 200	U	< 190	U	< 180	U	< 200	U	< 190	U
2-Chloronaphthalene	91-58-7	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
2-Chlorophenol	95-57-8	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
2-Methylnaphthalene	91-57-6	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
2-Methylphenol (o-cresol)	95-48-7	ug/Kg	1,000,000	100,000	330	< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
2-Nitroaniline	88-74-4	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
2-Nitrophenol	88-75-5	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
3&4-Methylphenol (m&p-cresol)	n/a	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
3,3'-Dichlorobenzidine	91-94-1	ug/Kg				< 190	U	< 190	U	< 200	U	< 190	U	< 200	U	< 190	U	< 180	U	< 200	U	< 190	U
3-Nitroaniline	99-09-2	ug/Kg				< 370	U	< 370	U	< 400	U	< 370	U	< 390	U	< 380	U	< 370	U	< 390	U	< 380	U
4,6-Dinitro-2-methylphenol	534-52-1	ug/Kg				< 220	U	< 220	U	< 240	U	< 220	U	< 230	U	< 230	U	< 220	U	< 230	U	< 230	U
4-Bromophenyl phenyl ether	101-55-3	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
4-Chloro-3-methylphenol	59-50-7	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
4-Chloroaniline	106-47-8	ug/Kg				< 300	U	< 300	U	< 320	U	< 300	U	< 310	U	< 310	U	< 300	U	< 310	U	< 310	U
4-Chlorophenyl phenyl ether	7005-72-3	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
4-Nitroaniline	100-01-6	ug/Kg				< 370	U	< 370	U	< 400	U	< 370	U	< 390	U	< 380	U	< 370	U	< 390	U	< 380	U
4-Nitrophenol	100-02-7	ug/Kg				< 370	U	< 370	U	< 400	U	< 370	U	< 390	U	< 380	U	< 370	U	< 390	U	< 380	U
Acenaphthene	83-32-9	ug/Kg	1,000,000	100,000	20,000	< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Acenaphthylene	208-96-8	ug/Kg	1,000,000	100,000	100,000	< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Acetophenone	98-86-2	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Aniline	62-53-3	ug/Kg				< 300	U	< 300	U	< 320	U	< 300	U	< 310	U	< 310	U	< 300	U	< 310	U	< 310	U
Anthracene	120-12-7	ug/Kg	1,000,000	100,000	100,000	< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Benz(a)anthracene	56-55-3	ug/Kg	11,000	1,000	1,000	< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Benzidine	92-87-5	ug/Kg				< 370	U	< 370	U	< 400	U	< 370	U	< 390	U	< 380	U	< 370	U	< 390	U	< 380	U
Benzo(a)pyrene	50-32-8	ug/Kg	1,100	1,000	1,000	< 190	U	< 190	U	< 200	U	< 190	U	< 200	U	< 190	U	< 180	U	< 200	U	< 190	U

iPARK 84 Campus
2070 NY-Route 52
Hopewell Junction, New York

TABLE 3
SUMMARY OF SOIL ANALYSIS - BUILDING 330D LOADING DOCKS AREA
SVOCs ONLY

						Collection Date	5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019	
						Sample ID	C-1-0-3-050719		C-1-3-6-050719		C-1-6-11-050719		C-3-0-3-050719		C-3-3-6-050719		C-3-6-11-050719		C-11-0-3-050719		C-11-3-6-050719		C-11-6-11-050719	
						Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
			NYCRR Part 375 SCOs																					
	CAS	Units	Industrial 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
Benzo(b)fluoranthene	205-99-2	ug/Kg	11,000	1,000	1,000	< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Benzo(ghi)perylene	191-24-2	ug/Kg	1,000,000	100,000	100,000	< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Benzo(k)fluoranthene	207-08-9	ug/Kg	110,000	1,000	800	< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Benzoic acid	65-85-0	ug/Kg				< 1,900	U	< 1,900	U	< 2,000	U	< 1,900	U	< 2,000	U	< 1,900	U	< 1,800	U	< 2,000	U	< 1,900	U
Benzyl butyl phthalate	85-68-7	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Bis(2-chloroethoxy)methane	111-91-1	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Bis(2-chloroethyl)ether	111-44-4	ug/Kg				< 190	U	< 190	U	< 200	U	< 190	U	< 200	U	< 190	U	< 180	U	< 200	U	< 190	U
Bis(2-chloroisopropyl)ether	39638-32-9	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Carbazole	86-74-8	ug/Kg				< 190	U	< 190	U	< 200	U	< 190	U	< 200	U	< 190	U	< 180	U	< 200	U	< 190	U
Chrysene	218-01-9	ug/Kg	110,000	1,000	1,000	< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Dibenz(a,h)anthracene	53-70-3	ug/Kg	1,100	330	330	< 190	U	< 190	U	< 200	U	< 190	U	< 200	U	< 190	U	< 180	U	< 200	U	< 190	U
Dibenzofuran	132-64-9	ug/Kg	1,000,000	14,000	7,000	< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Diethyl phthalate	84-66-2	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Dimethylphthalate	131-11-3	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Di-n-butylphthalate	84-74-2	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Di-n-octylphthalate	117-84-0	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Fluoranthene	206-44-0	ug/Kg	1,000,000	100,000	100,000	< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Fluorene	86-73-7	ug/Kg	1,000,000	100,000	30,000	< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Hexachlorobenzene	118-74-1	ug/Kg	12,000	330	330	< 190	U	< 190	U	< 200	U	< 190	U	< 200	U	< 190	U	< 180	U	< 200	U	< 190	U
Hexachlorobutadiene	87-68-3	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Hexachlorocyclopentadiene	77-47-4	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Hexachloroethane	67-72-1	ug/Kg				< 190	U	< 190	U	< 200	U	< 190	U	< 200	U	< 190	U	< 180	U	< 200	U	< 190	U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/Kg	11,000	500	500	< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Isophorone	78-59-1	ug/Kg				< 190	U	< 190	U	< 200	U	< 190	U	< 200	U	< 190	U	< 180	U	< 200	U	< 190	U
Naphthalene	91-20-3	ug/Kg	1,000,000	100,000	12,000	< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Nitrobenzene	98-95-3	ug/Kg				< 190	U	< 190	U	< 200	U	< 190	U	< 200	U	< 190	U	< 180	U	< 200	U	< 190	U
N-Nitrosodimethylamine	62-75-9	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
N-Nitrosodi-n-propylamine	621-64-7	ug/Kg				< 190	U	< 190	U	< 200	U	< 190	U	< 200	U	< 190	U	< 180	U	< 200	U	< 190	U
N-Nitrosodiphenylamine	86-30-6	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Pentachloronitrobenzene	82-68-8	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Pentachlorophenol	87-86-5	ug/Kg	55,000	2,400	800	< 220	U	< 220	U	< 240	U	< 220	U	< 230	U	< 230	U	< 220	U	< 230	U	< 230	U
Phenanthrene	85-01-8	ug/Kg	1,000,000	100,000	100,000	< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Phenol	108-95-2	ug/Kg	1,000,000	100,000	330	< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Pyrene	129-00-0	ug/Kg	1,000,000	100,000	100,000	< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U
Pyridine	110-86-1	ug/Kg				< 260	U	< 260	U	< 280	U	< 260	U	< 270	U	< 270	U	< 260	U	< 270	U	< 270	U

Notes:

U - The compound was anlayzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.

iPARK 84 Campus
2070 NY-Route 52
Hopewell Junction, New York

TABLE 4
SUMMARY OF SOIL ANALYSIS - BUILDING 330D LOADING DOCKS AREA
PCBs ONLY

				Collection Date	5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019	
				Sample ID	C-1-0-3-050719		C-1-3-6-050719		C-1-6-11-050719		C-3-0-3-050719		C-3-3-6-050719		C-3-6-11-050719		C-11-0-3-050719		C-11-3-6-050719		C-11-6-11-050719	
				Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
			NYCRR Part 375 SCOs																			
	CAS	Units	Industrial 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
PCBs By SW8082A																						
PCB-1016	12674-11-2	ug/Kg	25,000	100	100	< 74	U	< 73	U	< 79	U	< 76	U	< 79	U	< 76	U	< 74	U	< 79	U	< 77	U
PCB-1221	11104-28-2	ug/Kg	25,000	100	100	< 74	U	< 73	U	< 79	U	< 76	U	< 79	U	< 76	U	< 74	U	< 79	U	< 77	U
PCB-1232	11141-16-5	ug/Kg	25,000	100	100	< 74	U	< 73	U	< 79	U	< 76	U	< 79	U	< 76	U	< 74	U	< 79	U	< 77	U
PCB-1242	53469-21-9	ug/Kg	25,000	100	100	< 74	U	< 73	U	< 79	U	< 76	U	< 79	U	< 76	U	< 74	U	< 79	U	< 77	U
PCB-1248	12672-29-6	ug/Kg	25,000	100	100	< 74	U	< 73	U	< 79	U	< 76	U	< 79	U	< 76	U	< 74	U	< 79	U	< 77	U
PCB-1254	11097-69-1	ug/Kg	25,000	100	100	< 74	U	< 73	U	< 79	U	< 76	U	< 79	U	< 76	U	< 74	U	< 79	U	< 77	U
PCB-1260	11096-82-5	ug/Kg	25,000	100	100	< 74	U	< 73	U	< 79	U	< 76	U	< 79	U	< 76	U	< 74	U	< 79	U	< 77	U
PCB-1262	37324-23-5	ug/Kg		100	100	< 74	U	< 73	U	< 79	U	< 76	U	< 79	U	< 76	U	< 74	U	< 79	U	< 77	U
PCB-1268	11100-14-4	ug/Kg		100	100	< 74	U	< 73	U	< 79	U	< 76	U	< 79	U	< 76	U	< 74	U	< 79	U	< 77	U

Notes:

U - The compound was anlayzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.

iPARK 84 Campus
2070 NY-Route 52
Hopewell Junction, New York

TABLE 5
SUMMARY OF SOIL ANALYSIS - BUILDING 330D LOADING DOCKS AREA
PESTICIDES ONLY

					Collection Date	5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019	
					Sample ID	C-1-0-3-050719		C-1-3-6-050719		C-1-6-11-050719		C-3-0-3-050719		C-3-3-6-050719		C-3-6-11-050719		C-11-0-3-050719		C-11-3-6-050719		C-11-6-11-050719	
					Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
			NYCRR Part 375 SCOs																				
	CAS	**Units**	**Industrial 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**
Pesticides - Soil By SW8081B																							
4,4' -DDD	72-54-8	ug/Kg	180,000	2,600	3.3	< 2.2	U	< 2.2	U	< 2.4	U	< 2.3	U	**47**		< 2.3	U	< 2.2	U	< 2.4	U	**69**	
4,4' -DDE	72-55-9	ug/Kg	120,000	1,800	3.3	< 2.2	U	< 2.2	U	< 2.4	U	**8.4**		**140**		< 2.3	U	< 2.2	U	**7.2**		**120**	
4,4' -DDT	50-29-3	ug/Kg	94,000	1,700	3.3	< 2.2	U	< 2.2	U	< 2.4	U	< 2.3	U	**5.4**		< 2.3	U	< 2.2	U	< 2.4	U	**9.5**	
a-BHC	319-84-6	ug/Kg	6,800	97	20	< 7.4	U	< 7.3	U	< 7.9	U	< 7.6	U	< 7.9	U	< 7.6	U	< 7.4	U	< 7.9	U	< 7.7	U
a-Chlordane	5103-71-9	ug/Kg	47,000	910	94	< 3.7	U	< 3.7	U	< 3.9	U	< 3.8	U	< 3.9	U	< 3.8	U	< 3.7	U	< 3.9	U	< 3.8	U
Aldrin	309-00-2	ug/Kg	1,400	19	5	< 3.7	U	< 3.7	U	< 3.9	U	< 3.8	U	< 3.9	U	< 3.8	U	< 3.7	U	< 3.9	U	< 3.8	U
b-BHC	319-85-7	ug/Kg	14,000	72	36	< 7.4	U	< 7.3	U	< 7.9	U	< 7.6	U	< 7.9	U	< 7.6	U	< 7.4	U	< 7.9	U	< 7.7	U
Chlordane	57-74-9	ug/Kg			94	< 37	U	< 37	U	< 39	U	< 38	U	< 39	U	< 38	U	< 37	U	< 39	U	< 38	U
d-BHC	319-86-8	ug/Kg	1,000,000	100,000	40	< 7.4	U	< 7.3	U	< 7.9	U	< 7.6	U	< 7.9	U	< 7.6	U	< 7.4	U	< 7.9	U	< 7.7	U
Dieldrin	60-57-1	ug/Kg	2,800	39	5	< 3.7	U	< 3.7	U	< 3.9	U	< 3.8	U	< 3.9	U	< 3.8	U	< 3.7	U	< 3.9	U	< 3.8	U
Endosulfan I	959-98-8	ug/Kg	920,000	4,800	2400	< 7.4	U	< 7.3	U	< 7.9	U	< 7.6	U	< 7.9	U	< 7.6	U	< 7.4	U	< 7.9	U	< 7.7	U
Endosulfan II	33213-65-9	ug/Kg	920,000	4,800	2400	< 7.4	U	< 7.3	U	< 7.9	U	< 7.6	U	< 7.9	U	< 7.6	U	< 7.4	U	< 7.9	U	< 7.7	U
Endosulfan sulfate	1031-07-8	ug/Kg	920,000	4,800	2400	< 7.4	U	< 7.3	U	< 7.9	U	< 7.6	U	< 7.9	U	< 7.6	U	< 7.4	U	< 7.9	U	< 7.7	U
Endrin	72-20-8	ug/Kg	410,000	2,200	14	< 7.4	U	< 7.3	U	< 7.9	U	< 7.6	U	< 7.9	U	< 7.6	U	< 7.4	U	< 7.9	U	< 7.7	U
Endrin aldehyde	7421-93-4	ug/Kg				< 7.4	U	< 7.3	U	< 7.9	U	< 7.6	U	< 7.9	U	< 7.6	U	< 7.4	U	< 7.9	U	< 7.7	U
Endrin ketone	53494-70-5	ug/Kg				< 7.4	U	< 7.3	U	< 7.9	U	< 7.6	U	< 7.9	U	< 7.6	U	< 7.4	U	< 7.9	U	< 7.7	U
g-BHC	58-89-9	ug/Kg	23,000	280		< 1.5	U	< 1.5	U	< 1.6	U	< 1.5	U	< 1.6	U	< 1.5	U	< 1.5	U	< 1.6	U	< 1.5	U
g-Chlordane	5103-74-2	ug/Kg				< 3.7	U	< 3.7	U	< 3.9	U	< 3.8	U	< 3.9	U	< 3.8	U	< 3.7	U	< 3.9	U	< 3.8	U
Heptachlor	76-44-8	ug/Kg	29,000	420	42	< 7.4	U	< 7.3	U	< 7.9	U	< 7.6	U	< 7.9	U	< 7.6	U	< 7.4	U	< 7.9	U	< 7.7	U
Heptachlor epoxide	1024-57-3	ug/Kg				< 7.4	U	< 7.3	U	< 7.9	U	< 7.6	U	< 7.9	U	< 7.6	U	< 7.4	U	< 7.9	U	< 7.7	U
Methoxychlor	72-43-5	ug/Kg				< 37	U	< 37	U	< 39	U	< 38	U	< 39	U	< 38	U	< 37	U	< 39	U	< 38	U
Toxaphene	8001-35-2	ug/Kg				< 150	U	< 150	U	< 160	U	< 150	U	< 160	U	< 150	U	< 150	U	< 160	U	< 150	U

Notes:

U - The compound was anlayzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level 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.

iPARK 84 Campus
2070 NY-Route 52
Hopewell Junction, New York

TABLE 6
SUMMARY OF SOIL ANALYSIS - BUILDING 330D LOADING DOCKS AREA
HERBICIDES ONLY

						Collection Date	5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019		5/7/2019	
						Sample ID	C-1-0-3-050719		C-1-3-6-050719		C-1-6-11-050719		C-3-0-3-050719		C-3-3-6-050719		C-3-6-11-050719		C-11-0-3-050719		C-11-3-6-050719		C-11-6-11-050719	
						Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
			NYCRR Part 375 SCOs																					
	CAS	**Units**	**Industrial 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**
Chlorinated Herbicides By SW8151A																								
2,4,5-T	93-76-5	ug/Kg				< 93	U	< 92	U	< 100	U	< 95	U	< 98	U	< 96	U	< 94	U	< 100	U	< 95	U
2,4,5-TP (Silvex)	93-72-1	ug/Kg	1,000,000	58,000	3,800	< 93	U	< 92	U	< 100	U	< 95	U	< 98	U	< 96	U	< 94	U	< 100	U	< 95	U
2,4-D	94-75-7	ug/Kg				< 190	U	< 180	U	< 200	U	< 190	U	< 200	U	< 190	U	< 190	U	< 200	U	< 190	U
2,4-DB	94-82-6	ug/Kg				< 1,900	U	< 1,800	U	< 2,000	U	< 1,900	U	< 2,000	U	< 1,900	U	< 1,900	U	< 2,000	U	< 1,900	U
Dalapon	75-99-0	ug/Kg				< 93	U	< 92	U	< 100	U	< 95	U	< 98	U	< 96	U	< 94	U	< 100	U	< 95	U
Dicamba	1918-00-9	ug/Kg				< 93	U	< 92	U	< 100	U	< 95	U	< 98	U	< 96	U	< 94	U	< 100	U	< 95	U
Dichloroprop	120-36-5	ug/Kg				< 190	U	< 180	U	< 200	U	< 190	U	< 200	U	< 190	U	< 190	U	< 200	U	< 190	U
Dinoseb	88-85-7	ug/Kg				< 190	U	< 180	U	< 200	U	< 190	U	< 200	U	< 190	U	< 190	U	< 200	U	< 190	U

Notes:
U - The compound was anlayzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.

ATTACHMENT 1

PHOTOGRAPHS

Photograph 1

CAMP equipment set up downgradient (in background) of the sampling area.

Photograph 2

Geoprobe set up to drill C-1.

Photograph 3

Flags identifying underground utilities detected during GPR survey.

Photograph 4

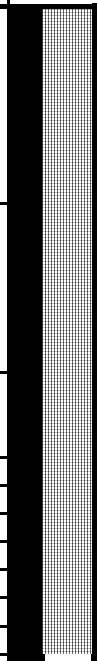
Fine, medium, coarse grain sand from 6-7 ft bg in C-8.

ATTACHMENT 2

BORING LOGS

BORING/WELL LOG

WALDEN ENVIRONMENTAL ENGINEERING				SHEET: 1 OF 1
BORING/WELL I.D.: C-1			CLIENT:	iPark
DATE(S) DRILLED: 5/7/19			PROJECT NAME:	Building 330D Loading Docks Area
DRILL METHOD: Geoprobe			PROJECT NO.:	iPark0118.31
BORING DIAMETER: 2'			PROJECT LOCATION:	Fishkill, NY
SAMPLING METHOD/INTERVAL:				
LOGGED BY: GLW			DRILLING CONTR.:	AARCO
REMARKS: Collected samples for analysis: C-1-0-3-050719 from 0-3' bg; C-1-3-6-050719 from 3-6' bg; C-1-6-11-050719 from 6-11' bg				
WELL CONSTRUCTION INFORMATION				
OUTER CASING SIZE AND MATERIAL:			OUTER CASING INTERVAL:	
INNER CASING SIZE AND MATERIAL:			INNER CASING INTERVAL:	
SCREEN SIZE AND MATERIAL:			SCREEN INTERVAL:	
SAND PACK SIZE AND MATERIAL:			SAND PACK INTERVAL:	
GROUT TYPE:			BENTONITE SEAL INTERVAL:	
GROUT METHOD:			GROUT INTERVAL:	
DEVELOPMENT METHOD:			DEVELOPMENT TIME:	
STATIC WATER DEPTH:	DATE:			REF. POINT: Top of Casing
ELEV. REFERENCE POINT:			REMARKS:	No well installation
WELL/BOREHOLE ABANDONMENT INFORMATION				
ABANDONMENT DATE: 5/7/19		ABANDONMENT METHOD: Backfill		
DESCRIPTIVE LOG				

SAMPLE INTERVAL	SAMPLE REC. (IN.)	BLOWS PER 6"	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
0-5' bg	2.75'	NA	0.0		-0- - -1- - -2- - -3- - -4- - -5-	Brown, SILTY F SAND, little Cobble, trace Clay; with organics top 2"; dry
			0.0			
5-11' bg	2.5'	NA	0.0		-6- - -7- - -8- - -9- - -10- - -11-	SAA; moist
					- -12- - -13- - -14- - -15- - -16- -	END OF BORING


Fill
Sand/gravel
Silty sand/clay

BORING/WELL LOG

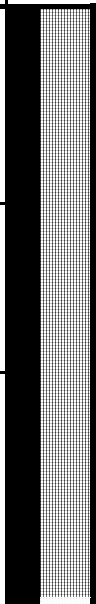
WALDEN ENVIRONMENTAL ENGINEERING			SHEET: 1 OF 1
BORING/WELL I.D.: C-2		CLIENT:	iPark
DATE(S) DRILLED: 5/7/19		PROJECT NAME:	Building 330D Loading Docks Area
DRILL METHOD: Geoprobe		PROJECT NO.:	iPark0118.31
BORING DIAMETER: 2'		PROJECT LOCATION:	Fishkill, NY
SAMPLING METHOD/INTERVAL:			
LOGGED BY: GLW		DRILLING CONTR.:	AARCO
REMARKS:			
WELL CONSTRUCTION INFORMATION			
OUTER CASING SIZE AND MATERIAL:		OUTER CASING INTERVAL:	
INNER CASING SIZE AND MATERIAL:		INNER CASING INTERVAL:	
SCREEN SIZE AND MATERIAL:		SCREEN INTERVAL:	
SAND PACK SIZE AND MATERIAL:		SAND PACK INTERVAL:	
GROUT TYPE:		BENTONITE SEAL INTERVAL:	
GROUT METHOD:		GROUT INTERVAL:	
DEVELOPMENT METHOD:		DEVELOPMENT TIME:	
STATIC WATER DEPTH:	DATE:		REF. POINT: Top of Casing
ELEV. REFERENCE POINT:		REMARKS:	No well installation
WELL/BOREHOLE ABANDONMENT INFORMATION			
ABANDONMENT DATE: 5/7/19		ABANDONMENT METHOD: Backfill	
DESCRIPTIVE LOG			

SAMPLE INTERVAL	SAMPLE REC. (IN.)	BLOWS PER 6"	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
0-5' bg	3.25'	NA	0.0 0.0		-0- -1- -2- -3- -4- -5-	Brown, SILTY F SAND, little Cobble, trace Clay; with organics top 3"; dry, save a 3" pocket of moist material at 3' bg
5-11' bg	3.5'	NA	0.0		-6- -7- -8- -9- -10- -11-	SAA; 3" pockets of moist material @ 7' bg and 8' bg, dry otherwise
					-12- -13- -14- -15- -16-	END OF BORING

Fill
Sand/gravel
Silty sand/clay

BORING/WELL LOG

WALDEN ENVIRONMENTAL ENGINEERING			SHEET: 1 OF 1
BORING/WELL I.D.: C-3		CLIENT:	iPark
DATE(S) DRILLED: 5/7/19		PROJECT NAME:	Building 330D Loading Docks Area
DRILL METHOD: Geoprobe		PROJECT NO.:	iPark0118.31
BORING DIAMETER: 2'		PROJECT LOCATION:	Fishkill, NY
SAMPLING METHOD/INTERVAL:			
LOGGED BY: GLW		DRILLING CONTR.:	AARCO
REMARKS: Collected samples for analysis: C-3-0-3-050719 from 0-3' bg; C-3-3-6-050719 from 3-6' bg; C-3-6-11-050719 from 6-11' bg			
WELL CONSTRUCTION INFORMATION			
OUTER CASING SIZE AND MATERIAL:		OUTER CASING INTERVAL:	
INNER CASING SIZE AND MATERIAL:		INNER CASING INTERVAL:	
SCREEN SIZE AND MATERIAL:		SCREEN INTERVAL:	
SAND PACK SIZE AND MATERIAL:		SAND PACK INTERVAL:	
GROUT TYPE:		BENTONITE SEAL INTERVAL:	
GROUT METHOD:		GROUT INTERVAL:	
DEVELOPMENT METHOD:		DEVELOPMENT TIME:	
STATIC WATER DEPTH:	DATE:		REF. POINT: Top of Casing
ELEV. REFERENCE POINT:		REMARKS:	No well installation
WELL/BOREHOLE ABANDONMENT INFORMATION			
ABANDONMENT DATE: 5/7/19		ABANDONMENT METHOD: Backfill	
DESCRIPTIVE LOG			

SAMPLE INTERVAL	SAMPLE REC. (IN.)	BLOWS PER 6"	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
0-5' bg	3'	NA	0.0		-0-	Slightly orange/brown, SILTY F SAND, little Cobble, trace Clay; with organics top 2" and 3" subbase from 7-10" bg; dry
					-1-	
					-2-	
					-3-	
			2.8		-4-	
					-5-	
5-11' bg	6'	NA	3.4		-6-	SAA through 5.5' bg then becomes grayish brown and crumbly through 6.25' bg; dry
					-7-	6.25-7.25' bg Gray, SAA; stiff with organics; dry
					-8-	7.25-8' bg Grayish brown, SILTY F SAND, some Cobble, trace Clay; stiff and dry
					-9-	8-8.75' bg till-like
					-10-	8.75-10' bg Gray/orange/brown SILTY F SAND, little Cobble, trace Clay; dry
					-11-	10-11' bg FMC SAND, little Silt; wet
					-	END OF BORING
					-12-	
					-13-	
					-14-	
					-15-	
					-16-	

Fill
Sand/gravel
Silty sand/clay

BORING/WELL LOG

WALDEN ENVIRONMENTAL ENGINEERING			SHEET: 1 OF 1
BORING/WELL I.D.: C-4		CLIENT:	iPark
DATE(S) DRILLED: 5/7/19		PROJECT NAME:	Building 330D Loading Docks Area
DRILL METHOD: Geoprobe		PROJECT NO.:	iPark0118.31
BORING DIAMETER: 2'		PROJECT LOCATION:	Fishkill, NY
SAMPLING METHOD/INTERVAL:			
LOGGED BY: GLW		DRILLING CONTR.:	AARCO
REMARKS:			
WELL CONSTRUCTION INFORMATION			
OUTER CASING SIZE AND MATERIAL:		OUTER CASING INTERVAL:	
INNER CASING SIZE AND MATERIAL:		INNER CASING INTERVAL:	
SCREEN SIZE AND MATERIAL:		SCREEN INTERVAL:	
SAND PACK SIZE AND MATERIAL:		SAND PACK INTERVAL:	
GROUT TYPE:		BENTONITE SEAL INTERVAL:	
GROUT METHOD:		GROUT INTERVAL:	
DEVELOPMENT METHOD:		DEVELOPMENT TIME:	
STATIC WATER DEPTH:	DATE:		REF. POINT: Top of Casing
ELEV. REFERENCE POINT:		REMARKS:	No well installation
WELL/BOREHOLE ABANDONMENT INFORMATION			
ABANDONMENT DATE: 5/7/19		ABANDONMENT METHOD: Backfill	
DESCRIPTIVE LOG			

SAMPLE INTERVAL	SAMPLE REC. (IN.)	BLOWS PER 6"	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
0-5' bg	4.25'	NA	0.0		-0-	Brown, SILTY F SAND, little Cobble, trace Clay; with organics top 3" followed by 4" of rock; stiff and dry
					-1-	
					-2-	
			0.6		-3-	2.5-3' bg COBBLE little C Sand and Silt; loose and wet
					-4-	3-7.5' bg SILTY F SAND, little Cobble, trace Clay; not as stiff as 0-2.5' bg with areas of grayer material; moist
			0.3		-5-	
5-11' bg	3'	NA			-6-	
					-7-	
			0.4		-8-	Brown, FMC SAND, little Silt and Cobble; loose and dry
					-9-	
					-10-	
					-11-	
					-12-	END OF BORING
					-13-	
					-14-	
					-15-	
					-16-	

Fill
Sand/gravel
Silty sand/clay

BORING/WELL LOG

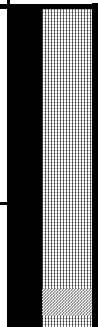
WALDEN ENVIRONMENTAL ENGINEERING			SHEET: 1 OF 1
BORING/WELL I.D.: C-5		CLIENT:	iPark
DATE(S) DRILLED: 5/7/19		PROJECT NAME:	Building 330D Loading Docks Area
DRILL METHOD: Geoprobe		PROJECT NO.:	iPark0118.31
BORING DIAMETER: 2'		PROJECT LOCATION:	Fishkill, NY
SAMPLING METHOD/INTERVAL:			
LOGGED BY: GLW		DRILLING CONTR.:	AARCO
REMARKS:			
WELL CONSTRUCTION INFORMATION			
OUTER CASING SIZE AND MATERIAL:		OUTER CASING INTERVAL:	
INNER CASING SIZE AND MATERIAL:		INNER CASING INTERVAL:	
SCREEN SIZE AND MATERIAL:		SCREEN INTERVAL:	
SAND PACK SIZE AND MATERIAL:		SAND PACK INTERVAL:	
GROUT TYPE:		BENTONITE SEAL INTERVAL:	
GROUT METHOD:		GROUT INTERVAL:	
DEVELOPMENT METHOD:		DEVELOPMENT TIME:	
STATIC WATER DEPTH:	DATE:		REF. POINT: Top of Casing
ELEV. REFERENCE POINT:		REMARKS:	No well installation
WELL/BOREHOLE ABANDONMENT INFORMATION			
ABANDONMENT DATE: 5/7/19		ABANDONMENT METHOD: Backfill	
DESCRIPTIVE LOG			

SAMPLE INTERVAL	SAMPLE REC. (IN.)	BLOWS PER 6"	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
0-5' bg	4.25'	NA	0.0		-0-	
					-	
					-1-	Brown, SILTY F SAND, some Cobble and C Sand, trace Clay; with organics top 2"; dry
					-	
					-2-	1.5' bg Slightly orange brown, SILTY F SAND, little Cobble, trace Clay; stiff; dry
					-	
					-3-	
					-	
					-4-	
					-	
					-5-	
5-11' bg	4'	NA	0.1		-	
					-6-	
					-	
					-7-	
					-	
			0.7		-8-	
					-	
					-9-	Last 3" Brown, FMC SAND, little Silt; loose and dry
					-	
					-10-	
					-	
					-11-	
					-	END OF BORING
					-12-	
					-	
					-13-	
					-	
					-14-	
					-	
					-15-	
					-	
					-16-	
					-	

Fill
Sand/gravel
Silty sand/clay

BORING/WELL LOG

WALDEN ENVIRONMENTAL ENGINEERING			SHEET: 1 OF 1
BORING/WELL I.D.: C-6		CLIENT:	iPark
DATE(S) DRILLED: 5/7/19		PROJECT NAME:	Building 330D Loading Docks Area
DRILL METHOD: Geoprobe		PROJECT NO.:	iPark0118.31
BORING DIAMETER: 2'		PROJECT LOCATION:	Fishkill, NY
SAMPLING METHOD/INTERVAL:			
LOGGED BY: GLW		DRILLING CONTR.:	AARCO
REMARKS:			
WELL CONSTRUCTION INFORMATION			
OUTER CASING SIZE AND MATERIAL:		OUTER CASING INTERVAL:	
INNER CASING SIZE AND MATERIAL:		INNER CASING INTERVAL:	
SCREEN SIZE AND MATERIAL:		SCREEN INTERVAL:	
SAND PACK SIZE AND MATERIAL:		SAND PACK INTERVAL:	
GROUT TYPE:		BENTONITE SEAL INTERVAL:	
GROUT METHOD:		GROUT INTERVAL:	
DEVELOPMENT METHOD:		DEVELOPMENT TIME:	
STATIC WATER DEPTH:	DATE:		REF. POINT: Top of Casing
ELEV. REFERENCE POINT:		REMARKS:	No well installation
WELL/BOREHOLE ABANDONMENT INFORMATION			
ABANDONMENT DATE: 5/7/19		ABANDONMENT METHOD: Backfill	
DESCRIPTIVE LOG			

SAMPLE INTERVAL	SAMPLE REC. (IN.)	BLOWS PER 6"	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
0-5' bg	3.75'	NA	0.0		-0- - -1- - -2- - -3- - -4- - -5-	Brown, SILTY F SAND, little Cobble, trace Clay; with organics top 3"; stiff and dry
			0.1			Concrete 5.25-5.75' bg
5-11' bg	4'	NA	0.0		- -6- - -7- - -8- - -9- - -10- - -11-	Brown, SILTY F SAND, little Cobble, trace Clay 8-9' bg Brown, FMC SAND, little Cobble, trace Silt; loose and dry
			0.0			
					- -12- - -13- - -14- - -15- - -16- -	END OF BORING

BORING/WELL LOG

WALDEN ENVIRONMENTAL ENGINEERING			SHEET: 1 OF 1
BORING/WELL I.D.: C-7		CLIENT:	iPark
DATE(S) DRILLED: 5/7/19		PROJECT NAME:	Building 330D Loading Docks Area
DRILL METHOD: Geoprobe		PROJECT NO.:	iPark0118.31
BORING DIAMETER: 2'		PROJECT LOCATION:	Fishkill, NY
SAMPLING METHOD/INTERVAL:			
LOGGED BY: GLW		DRILLING CONTR.:	AARCO
REMARKS:			
WELL CONSTRUCTION INFORMATION			
OUTER CASING SIZE AND MATERIAL:		OUTER CASING INTERVAL:	
INNER CASING SIZE AND MATERIAL:		INNER CASING INTERVAL:	
SCREEN SIZE AND MATERIAL:		SCREEN INTERVAL:	
SAND PACK SIZE AND MATERIAL:		SAND PACK INTERVAL:	
GROUT TYPE:		BENTONITE SEAL INTERVAL:	
GROUT METHOD:		GROUT INTERVAL:	
DEVELOPMENT METHOD:		DEVELOPMENT TIME:	
STATIC WATER DEPTH:	DATE:		REF. POINT: Top of Casing
ELEV. REFERENCE POINT:		REMARKS:	No well installation
WELL/BOREHOLE ABANDONMENT INFORMATION			
ABANDONMENT DATE: 5/7/19		ABANDONMENT METHOD: Backfill	
DESCRIPTIVE LOG			

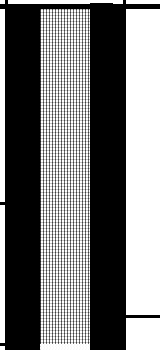
SAMPLE INTERVAL	SAMPLE REC. (IN.)	BLOWS PER 6"	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
0-5' bg	2.5'	NA	0.0		-0- -1- -2- -3- -4- -5-	Brown, SILTY F SAND, little Cobble, trace Clay; with organics top 3"; dry
5-11' bg	3'	NA	0.1		-6- -7- -8- -9- -10- -11-	Brown, SILTY F SAND, little Cobble, trace Clay; dry, moist at 6' bg 6.5' bg Grayish brown, SILTY F SAND, little Cobble, trace Clay; with organics; slightly moist
					-12- -13- -14- -15- -16-	END OF BORING

Fill
Sand/gravel
Silty sand/clay

BORING/WELL LOG

WALDEN ENVIRONMENTAL ENGINEERING			SHEET: 1 OF 1
BORING/WELL I.D.: C-8		CLIENT:	iPark
DATE(S) DRILLED: 5/7/19		PROJECT NAME:	Building 330D Loading Docks Area
DRILL METHOD: Geoprobe		PROJECT NO.:	iPark0118.31
BORING DIAMETER: 2'		PROJECT LOCATION:	Fishkill, NY
SAMPLING METHOD/INTERVAL:			
LOGGED BY: GLW		DRILLING CONTR.:	AARCO
REMARKS:			
WELL CONSTRUCTION INFORMATION			
OUTER CASING SIZE AND MATERIAL:		OUTER CASING INTERVAL:	
INNER CASING SIZE AND MATERIAL:		INNER CASING INTERVAL:	
SCREEN SIZE AND MATERIAL:		SCREEN INTERVAL:	
SAND PACK SIZE AND MATERIAL:		SAND PACK INTERVAL:	
GROUT TYPE:		BENTONITE SEAL INTERVAL:	
GROUT METHOD:		GROUT INTERVAL:	
DEVELOPMENT METHOD:		DEVELOPMENT TIME:	
STATIC WATER DEPTH:	DATE:		REF. POINT: Top of Casing
ELEV. REFERENCE POINT:		REMARKS:	No well installation
WELL/BOREHOLE ABANDONMENT INFORMATION			
ABANDONMENT DATE: 5/7/19		ABANDONMENT METHOD: Backfill	

DESCRIPTIVE LOG

SAMPLE INTERVAL	SAMPLE REC. (IN.)	BLOWS PER 6"	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
0-5' bg	4'	NA	0.0		-0- - -1- - -2- - -3- - -4- - -5-	Brown, SILTY F SAND, little Cobble, trace Clay; with organics top 3"; stiff and dry
			0.1			
5-11' bg	3.75'	NA	0.1		- -6- - -7- - -8- - -9- - -10- - -11-	6-6.75' bg FMC SAND, trace Cobble and Silt; loose and wet 6.75-7.5' bg Orange/brown, SILTY F SAND, little Cobble, trace Clay; moist 7.5' bg Gray, SAA; with organics; dry
			0.2			
					- -12- - -13- - -14- - -15- - -16- -	END OF BORING


Fill
Sand/gravel
Silty sand/clay

BORING/WELL LOG

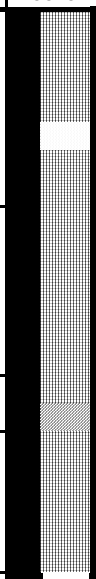
WALDEN ENVIRONMENTAL ENGINEERING			SHEET: 1 OF 1
BORING/WELL I.D.: C-9		CLIENT:	iPark
DATE(S) DRILLED: 5/7/19		PROJECT NAME:	Building 330D Loading Docks Area
DRILL METHOD: Geoprobe		PROJECT NO.:	iPark0118.31
BORING DIAMETER: 2'		PROJECT LOCATION:	Fishkill, NY
SAMPLING METHOD/INTERVAL:			
LOGGED BY: GLW		DRILLING CONTR.:	AARCO
REMARKS:			
WELL CONSTRUCTION INFORMATION			
OUTER CASING SIZE AND MATERIAL:		OUTER CASING INTERVAL:	
INNER CASING SIZE AND MATERIAL:		INNER CASING INTERVAL:	
SCREEN SIZE AND MATERIAL:		SCREEN INTERVAL:	
SAND PACK SIZE AND MATERIAL:		SAND PACK INTERVAL:	
GROUT TYPE:		BENTONITE SEAL INTERVAL:	
GROUT METHOD:		GROUT INTERVAL:	
DEVELOPMENT METHOD:		DEVELOPMENT TIME:	
STATIC WATER DEPTH:	DATE:		REF. POINT: Top of Casing
ELEV. REFERENCE POINT:		REMARKS:	No well installation
WELL/BOREHOLE ABANDONMENT INFORMATION			
ABANDONMENT DATE: 5/7/19		ABANDONMENT METHOD: Backfill	
DESCRIPTIVE LOG			

SAMPLE INTERVAL	SAMPLE REC. (IN.)	BLOWS PER 6"	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
0-5' bg	2.5'	NA	0.0		-0-	
					-	
					-1-	Brown, SILTY F SAND, some Cobble, trace Clay; with organics top 3"; loose and dry
					-	
					-2-	1.5' bg Brown, SILTY F SAND, little Cobble, trace Clay; stiff and dry
					-	
					-3-	
			0.0		-	
					-4-	
					-	
					-5-	
5-11' bg	3.25'	NA	0.2		-	
					-6-	5-5.75' bg FMC SAND, trace Cobble and Silt; loose and slightly moist
					-	
			0.3		-7-	5.75' bg Gray SILTY F SAND, little Cobble, trace Clay; with organics; stiff and dry
					-	
					-8-	
					-	
					-9-	
					-	
					-10-	
					-	
					-11-	
					-	END OF BORING
					-12-	
					-	
					-13-	
					-	
					-14-	
					-	
					-15-	
					-	
					-16-	
					-	

Fill
Sand/gravel
Silty sand/clay

BORING/WELL LOG

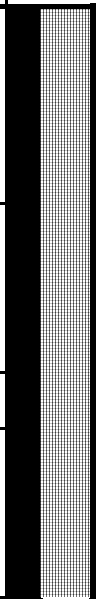
WALDEN ENVIRONMENTAL ENGINEERING			SHEET: 1 OF 1
BORING/WELL I.D.: C-10		CLIENT:	iPark
DATE(S) DRILLED: 5/7/19		PROJECT NAME:	Building 330D Loading Docks Area
DRILL METHOD: Geoprobe		PROJECT NO.:	iPark0118.31
BORING DIAMETER: 2'		PROJECT LOCATION:	Fishkill, NY
SAMPLING METHOD/INTERVAL:			
LOGGED BY: GLW		DRILLING CONTR.:	AARCO
REMARKS:			
WELL CONSTRUCTION INFORMATION			
OUTER CASING SIZE AND MATERIAL:		OUTER CASING INTERVAL:	
INNER CASING SIZE AND MATERIAL:		INNER CASING INTERVAL:	
SCREEN SIZE AND MATERIAL:		SCREEN INTERVAL:	
SAND PACK SIZE AND MATERIAL:		SAND PACK INTERVAL:	
GROUT TYPE:		BENTONITE SEAL INTERVAL:	
GROUT METHOD:		GROUT INTERVAL:	
DEVELOPMENT METHOD:		DEVELOPMENT TIME:	
STATIC WATER DEPTH:	DATE:		REF. POINT: Top of Casing
ELEV. REFERENCE POINT:		REMARKS:	No well installation
WELL/BOREHOLE ABANDONMENT INFORMATION			
ABANDONMENT DATE: 5/7/19		ABANDONMENT METHOD: Backfill	
DESCRIPTIVE LOG			

SAMPLE INTERVAL	SAMPLE REC. (IN.)	BLOWS PER 6"	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
0-5' bg	2.75'	NA	0.0		-0- - -1- - -2- - -3- - -4- - -5-	Brown, SILTY F SAND, little Cobble, trace Clay; with organics top 3"; dry 2' bg 2" layer of FMC SAND Gray, SILTY F SAND, little Cobble, trace Clay; dry
			0.0			
5-11' bg	4.5'	NA	0.1		- -6- - -7- - -8- - -9- - -10- - -11-	7' bg 6" Concrete 7.5' bg Gray, SILTY F SAND, little Cobble, trace Clay; with organics; stiff and dry
			0.3.			
					- -12- - -13- - -14- - -15- - -16- -	END OF BORING

Concrete
Sand/gravel
Silty sand/clay

BORING/WELL LOG

WALDEN ENVIRONMENTAL ENGINEERING			SHEET: 1 OF 1
BORING/WELL I.D.: C-11		CLIENT:	iPark
DATE(S) DRILLED: 5/7/19		PROJECT NAME:	Building 330D Loading Docks Area
DRILL METHOD: Geoprobe		PROJECT NO.:	iPark0118.31
BORING DIAMETER: 2'		PROJECT LOCATION:	Fishkill, NY
SAMPLING METHOD/INTERVAL:			
LOGGED BY: GLW		DRILLING CONTR.:	AARCO
REMARKS: Collected samples for analysis: C-11-0-3-050719 from 0-3' bg; C-11-3-6-050719 from 3-6' bg; C-11-6-11-050719 from 6-11' bg			
WELL CONSTRUCTION INFORMATION			
OUTER CASING SIZE AND MATERIAL:		OUTER CASING INTERVAL:	
INNER CASING SIZE AND MATERIAL:		INNER CASING INTERVAL:	
SCREEN SIZE AND MATERIAL:		SCREEN INTERVAL:	
SAND PACK SIZE AND MATERIAL:		SAND PACK INTERVAL:	
GROUT TYPE:		BENTONITE SEAL INTERVAL:	
GROUT METHOD:		GROUT INTERVAL:	
DEVELOPMENT METHOD:		DEVELOPMENT TIME:	
STATIC WATER DEPTH:	DATE:		REF. POINT: Top of Casing
ELEV. REFERENCE POINT:		REMARKS:	No well installation
WELL/BOREHOLE ABANDONMENT INFORMATION			
ABANDONMENT DATE: 5/7/19		ABANDONMENT METHOD: Backfill	
DESCRIPTIVE LOG			

SAMPLE INTERVAL	SAMPLE REC. (IN.)	BLOWS PER 6"	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
0-5' bg	4'	NA	0.0		-0- - -1- - -2- - -3- - -4- - -5-	Brown, SILTY F SAND, little Cobble, trace Clay; with organics top 8"; dry
			0.0			
5-11' bg	5'	NA	0.1		-6- - -7- - -8- - -9- - -10- - -11-	5.5-7' bg Gray, SILTY F SAND, little Cobble, trace Clay; organics at 6.25' bg; 3" rock at 7' bg; stiff and dry 7.25' bg Grayish brown, SILTY F SAND, little Cobble, trace Clay; stiff and dry
			1.1			
					- -12- - -13- - -14- - -15- - -16- -	END OF BORING

Fill
Sand/gravel
Silty sand/clay

BORING/WELL LOG

WALDEN ENVIRONMENTAL ENGINEERING			SHEET: 1 OF 1
BORING/WELL I.D.: C-12		CLIENT:	iPark
DATE(S) DRILLED: 5/7/19		PROJECT NAME:	Building 330D Loading Docks Area
DRILL METHOD: Geoprobe		PROJECT NO.:	iPark0118.31
BORING DIAMETER: 2'		PROJECT LOCATION:	Fishkill, NY
SAMPLING METHOD/INTERVAL:			
LOGGED BY: GLW		DRILLING CONTR.:	AARCO
REMARKS:			
WELL CONSTRUCTION INFORMATION			
OUTER CASING SIZE AND MATERIAL:		OUTER CASING INTERVAL:	
INNER CASING SIZE AND MATERIAL:		INNER CASING INTERVAL:	
SCREEN SIZE AND MATERIAL:		SCREEN INTERVAL:	
SAND PACK SIZE AND MATERIAL:		SAND PACK INTERVAL:	
GROUT TYPE:		BENTONITE SEAL INTERVAL:	
GROUT METHOD:		GROUT INTERVAL:	
DEVELOPMENT METHOD:		DEVELOPMENT TIME:	
STATIC WATER DEPTH:	DATE:		REF. POINT: Top of Casing
ELEV. REFERENCE POINT:		REMARKS:	No well installation
WELL/BOREHOLE ABANDONMENT INFORMATION			
ABANDONMENT DATE: 5/7/19		ABANDONMENT METHOD: Backfill	
DESCRIPTIVE LOG			

SAMPLE INTERVAL	SAMPLE REC. (IN.)	BLOWS PER 6"	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
0-5' bg	4.5'	NA	0.0		-0- - -1- - -2- - -3- - -4- - -5-	Brown, SILTY F SAND, little Cobble, trace Clay; with organics top 6"; dry
			0.0			
5-11' bg	5'	NA	0.5		- -6- - -7- - -8- - -9- - -10- - -11-	5.5' bg Grayish brown, SAA; with organics 6-7.5' bg
					- -12- - -13- - -14- - -15- - -16- -	END OF BORING

Fill
Sand/gravel
Silty sand/clay

BORING/WELL LOG

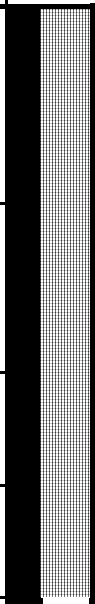
WALDEN ENVIRONMENTAL ENGINEERING			SHEET: 1 OF 1
BORING/WELL I.D.: C-13		CLIENT:	iPark
DATE(S) DRILLED: 5/7/19		PROJECT NAME:	Building 330D Loading Docks Area
DRILL METHOD: Geoprobe		PROJECT NO.:	iPark0118.31
BORING DIAMETER: 2'		PROJECT LOCATION:	Fishkill, NY
SAMPLING METHOD/INTERVAL:			
LOGGED BY: GLW		DRILLING CONTR.:	AARCO
REMARKS:			
WELL CONSTRUCTION INFORMATION			
OUTER CASING SIZE AND MATERIAL:		OUTER CASING INTERVAL:	
INNER CASING SIZE AND MATERIAL:		INNER CASING INTERVAL:	
SCREEN SIZE AND MATERIAL:		SCREEN INTERVAL:	
SAND PACK SIZE AND MATERIAL:		SAND PACK INTERVAL:	
GROUT TYPE:		BENTONITE SEAL INTERVAL:	
GROUT METHOD:		GROUT INTERVAL:	
DEVELOPMENT METHOD:		DEVELOPMENT TIME:	
STATIC WATER DEPTH:	DATE:		REF. POINT: Top of Casing
ELEV. REFERENCE POINT:		REMARKS:	No well installation
WELL/BOREHOLE ABANDONMENT INFORMATION			
ABANDONMENT DATE: 5/7/19		ABANDONMENT METHOD: Backfill	
DESCRIPTIVE LOG			

SAMPLE INTERVAL	SAMPLE REC. (IN.)	BLOWS PER 6"	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
0-5' bg	4.75'	NA	0.0		-0- - -1- - -2- - -3- - -4- - -5-	Brown, SILTY F SAND, little Cobble, trace Clay; with organics top 3"; dry; moist 3-4' bg
			0.0			
5-11' bg	5'	NA	0.0		-6- - -7- - -8- - -9- - -10- - -11-	Grayish brown, SILTY F SAND, little Cobble, trace Clay; with organics at 8.5' bg; stiff and dry;
			0.2			
					- -12- - -13- - -14- - -15- - -16- -	END OF BORING

Fill
Sand/gravel
Silty sand/clay

BORING/WELL LOG

WALDEN ENVIRONMENTAL ENGINEERING			SHEET: 1 OF 1
BORING/WELL I.D.: C-14		CLIENT:	iPark
DATE(S) DRILLED: 5/7/19		PROJECT NAME:	Building 330D Loading Docks Area
DRILL METHOD: Geoprobe		PROJECT NO.:	iPark0118.31
BORING DIAMETER: 2'		PROJECT LOCATION:	Fishkill, NY
SAMPLING METHOD/INTERVAL:			
LOGGED BY: GLW		DRILLING CONTR.:	AARCO
REMARKS:			
WELL CONSTRUCTION INFORMATION			
OUTER CASING SIZE AND MATERIAL:		OUTER CASING INTERVAL:	
INNER CASING SIZE AND MATERIAL:		INNER CASING INTERVAL:	
SCREEN SIZE AND MATERIAL:		SCREEN INTERVAL:	
SAND PACK SIZE AND MATERIAL:		SAND PACK INTERVAL:	
GROUT TYPE:		BENTONITE SEAL INTERVAL:	
GROUT METHOD:		GROUT INTERVAL:	
DEVELOPMENT METHOD:		DEVELOPMENT TIME:	
STATIC WATER DEPTH:	DATE:		REF. POINT: Top of Casing
ELEV. REFERENCE POINT:		REMARKS:	No well installation
WELL/BOREHOLE ABANDONMENT INFORMATION			
ABANDONMENT DATE: 5/7/19		ABANDONMENT METHOD: Backfill	
DESCRIPTIVE LOG			

SAMPLE INTERVAL	SAMPLE REC. (IN.)	BLOWS PER 6"	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
0-5' bg	4'	NA	0.0		-0- - -1- - -2- - -3- - -4- - -5-	Brown, SILTY F SAND, some Cobble, trace Clay; with organics top 3"; dry 1-6' bg Brown, SILTY F SAND, little Cobble, trace Clay; 2" of concrete at 2.5' bg and 1.5" rock at 3' bg; dry
			0.0			
5-11' bg	5'	NA	0.1		-6- - -7- - -8- - -9- - -10- - -11-	6' bg Gray, SILTY F SAND, little Cobble, trace Clay; with organics; dry
			0.7			
					- -12- - -13- - -14- - -15- - -16- -	END OF BORING

Fill
Sand/gravel
Silty sand/clay

ATTACHMENT 3

CAMP MONITORING DATA

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

AIR MONITORING DAILY REPORT

PROJECT: iPARK	DATE: 5/7/19	DAY OF WEEK: Tuesday
AGENCY: NYSDEC	WEATHER: Cloudy	TEMPERARTURE: 61 °F
CONTRACTOR: AARCO	CONTACT: Bryan Santos	WIND: Southwest 2-5mph
SITE ADDRESS: 2070 NY STATE 52 HOPEWELL JUNCTION, NEW YORK	AIR MONITOR'S NAME: Madeleine Tierney SIGNATURE: Madeleine Tierney	

DESCRIPTION OF WORK IN DETAIL

TIME/LOCATION	EQUIPMENT & READING		NOTES
TIME: 0858	*UPWIND:*		All Equipment Calibrated
	DUST: 10	PID: 0.2	
	DOWNWIND:		
	DUST: 11	PID: 0.1	Drilling commences 0900 AM
TIME: 0915	*UPWIND:*		
	DUST: 12	PID: 0.2	Contractor Drilling C-1
	DOWNWIND:		
	DUST: 11	PID: 0.1	
TIME: 0930	*UPWIND:*		
	DUST: 10	PID: 0.2	
	DOWNWIND:		
	DUST: 11	PID: 0.1	
TIME: 0945	*UPWIND:*		
	DUST: 11	PID: 0.2	
	DOWNWIND: ~~E~~ NE		
	DUST: 11	PID: 0.1	
TIME: 1000	*UPWIND:*		
	DUST: 13	PID: 0.2	
	DOWNWIND:		
	DUST: 11	PID: 0.1	
TIME: 1015	*UPWIND:*		
	DUST: 12	PID: 0.2	
	DOWNWIND:		
	DUST: 11	PID: 0.1	
TIME: 1030	*UPWIND:*		
	DUST: 13	PID: 0.2	
	DOWNWIND:		
	DUST: 11	PID: 0.1	
TIME: 1045	*UPWIND:*		
	DUST: 12	PID: 0.2	
	DOWNWIND:		
	DUST: 11	PID: 0.2	

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

AIR MONITORING DAILY REPORT

PROJECT: iPARK	DATE: 5/7/19	DAY OF WEEK: Tuesday
AGENCY: NYSDEC	WEATHER: Cloudy	TEMPERARTURE: 61°F
CONTRACTOR: AARCO	CONTACT: Brian Santos	WIND: SW ~25 MPH
SITE ADDRESS: 2070 NY STATE 52 HOPEWELL JUNCTION, NEW YORK	AIR MONITOR'S NAME: Madeleine Tierney SIGNATURE: Madeleine Tierney	

DESCRIPTION OF WORK IN DETAIL

TIME/LOCATION	EQUIPMENT & READING		NOTES
TIME: 1100	*UPWIND:*		
	DUST: 13	PID: 0.2	
	DOWNWIND:		
	DUST: 11	PID: 0.2	
TIME: 1115	*UPWIND:*		
	DUST: 13	PID: 0.1	
	DOWNWIND:		
	DUST: 11	PID: 0.2	
TIME: 1130	*UPWIND:*		
	DUST: 15	PID: 0.1	
	DOWNWIND:		
	DUST: 11	PID: 0.2	
TIME: 1145	*UPWIND:*		
	DUST: 13	PID: 0.1	
	DOWNWIND:		
	DUST: 11	PID: 0.2	
TIME: 1200	*UPWIND:*		
	DUST: 13	PID: 0.2	
	DOWNWIND:		
	DUST: 11	PID: 0.3	
TIME: 1215	*UPWIND:*		
	DUST: 13	PID: 0.2	Lunch Break
	DOWNWIND:		
	DUST: 11	PID: 0.3	
TIME: 1230	*UPWIND:*		
	DUST: 16	PID: 0.2	
	DOWNWIND:		
	DUST: 11	PID: 0.3	
TIME: 1245	*UPWIND:*		
	DUST: 13	PID: 0.2	
	DOWNWIND:		
	DUST: 11	PID: 0.3	

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OYSTER BAY, NEW YORK 11771
P: (516) 624-7200 F: (516) 624-3219
WWW.WALDEN-ASSOCIATES.COM

AIR MONITORING DAILY REPORT

PROJECT: iPARK	DATE: 5/7/19	DAY OF WEEK: Tuesday
AGENCY: NYSDEC	WEATHER: Cloudy	TEMPERARTURE: 63°F
CONTRACTOR: AARCO	CONTACT: Brian Santos	WIND: SW ~2-5MPH
SITE ADDRESS: 2070 NY STATE 52 HOPEWELL JUNCTION, NEW YORK	AIR MONITOR'S NAME: Madelene Tierney SIGNATURE: Madelene Tierney	

DESCRIPTION OF WORK IN DETAIL

TIME/LOCATION	EQUIPMENT & READING		NOTES
TIME: 1300	*UPWIND:*		
	DUST: 13	PID: 0.2	
	DOWNWIND:		
	DUST: 11	PID: 0.3	
TIME: 1315	*UPWIND:*		
	DUST: 14	PID: 0.2	
	DOWNWIND:		
	DUST: 11	PID: 0.3	
TIME: 1330	*UPWIND:*		
	DUST: 14	PID: 0.2	
	DOWNWIND:		
	DUST: 11	PID: 0.2	
TIME: 1345	*UPWIND:*		
	DUST: 14	PID: 0.2	Drillers taking a break
	DOWNWIND:		
	DUST: 11	PID: 0.2	
TIME: 1400	*UPWIND:*		
	DUST: 16	PID: 0.2	
	DOWNWIND:		
	DUST: 11	PID: 0.2	Drillers finish for the day
TIME: 1415	*UPWIND:*		
	DUST: 13	PID: 0.2	Drillers packing up
	DOWNWIND:		Battery dead on Dust Trak
	DUST: 11	PID: 0.2	
TIME: 1430	*UPWIND:*		
	DUST:	PID: 0.2	
	DOWNWIND:		
	DUST: 11	PID: 0.2	Lab on-site to pick up Samples
TIME:	*UPWIND:*		
	DUST:	PID:	1432 - End CAMP
	DOWNWIND:		Met
	DUST:	PID:	

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19/05/07 08:27

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Summary - UPWIND VOC STATION

Unit Name	MiniRAE 3000(PGM-7320)	
Unit SN	592-001225	
Unit Firmware Ver	V2.16	

Running Mode	Hygiene Mode	
Datalog Mode	Auto	
Diagnostic Mode	No	
Stop Reason	Power Down	

Site ID	RAE00001	
User ID		1

Begin		5/7/2019 8:27
End		5/7/2019 14:31
Sample Period(s)		900
Number of Records		24

Sensor	PID(ppm)	
Sensor SN	S023030009Q4	
Measure Type	Avg	
Span		100
Span 2		1000
Low Alarm		50
High Alarm		100
Over Alarm		15000
STEL Alarm		25
TWA Alarm		10
Measurement Gas	Isobutylene	
Calibration Time		5/7/2019 8:01
Peak	N/A	
Min	N/A	
Average	N/A	

****

Datalog

Index	Date/Time	PID(ppm) (Avg)
1	5/7/2019 8:42	0.1
2	5/7/2019 8:57	0.2
3	5/7/2019 9:12	0.2
4	5/7/2019 9:27	0.2
5	5/7/2019 9:42	0.2

	6	5/7/2019 9:57	0.2
	7	5/7/2019 10:12	0.2
	8	5/7/2019 10:27	0.2
	9	5/7/2019 10:42	0.2
	10	5/7/2019 10:57	0.2
	11	5/7/2019 11:12	0.1
	12	5/7/2019 11:27	0.1
	13	5/7/2019 11:42	0.1
	14	5/7/2019 11:57	0.1
	15	5/7/2019 12:12	0.2
	16	5/7/2019 12:27	0.2
	17	5/7/2019 12:42	0.2
	18	5/7/2019 12:57	0.2
	19	5/7/2019 13:12	0.2
	20	5/7/2019 13:27	0.2
	21	5/7/2019 13:42	0.2
	22	5/7/2019 13:57	0.2
	23	5/7/2019 14:12	0.2
	24	5/7/2019 14:27	0.2
Peak			0.2
Min			0.1
Average			0.2

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19/05/07 08:26

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Summary - DOWNWIND VOC STATION

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-923356
Unit Firmware Ver	V2.16

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	RAE00000
User ID	USER0000

Begin	5/7/2019 8:26
End	5/7/2019 14:38
Sample Period(s)	900
Number of Records	24

Sensor	PID(ppm)
Sensor SN	S023030605V1
Measure Type	Avg
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	20
TWA Alarm	20
Measurement Gas	Isobutylene
Calibration Time	5/7/2019 8:07
Peak	N/A
Min	N/A
Average	N/A

****

Datalog

Index	Date/Time	PID(ppm) (Avg)
1	5/7/2019 8:41	0
2	5/7/2019 8:56	0.1
3	5/7/2019 9:11	0.1
4	5/7/2019 9:26	0.1
5	5/7/2019 9:41	0.1

	6	5/7/2019 9:56	0.1
	7	5/7/2019 10:11	0.1
	8	5/7/2019 10:26	0.1
	9	5/7/2019 10:41	0.1
	10	5/7/2019 10:56	0.2
	11	5/7/2019 11:11	0.2
	12	5/7/2019 11:26	0.2
	13	5/7/2019 11:41	0.2
	14	5/7/2019 11:56	0.2
	15	5/7/2019 12:11	0.3
	16	5/7/2019 12:26	0.3
	17	5/7/2019 12:41	0.3
	18	5/7/2019 12:56	0.3
	19	5/7/2019 13:11	0.3
	20	5/7/2019 13:26	0.3
	21	5/7/2019 13:41	0.2
	22	5/7/2019 13:56	0.2
	23	5/7/2019 14:11	0.2
	24	5/7/2019 14:26	0.2
Peak			0.3
Min			0
Average			0.2

TrakPro Version 4.70 ASCII Data File UPWIND DUST STATION

Model:	DustTrak II
Model Number:	8530
Serial Number:	8530110315
Test ID:	2
Test Abbreviation:	MANUAL_002
Start Date:	5/7/2019
Start Time:	7:21:30
Duration (dd:hh:mm:ss):	0:07:04:00
Log Interval (mm:ss):	15:00
Number of points:	24
Notes:	

Statistics	Channel:	AEROSOL
	Units:	mg/m^3
	Average:	0.012
	Minimum:	0
	Time of Minimum:	13:09:28
	Date of Minimum:	5/7/2019
	Maximum:	0.015
	Time of Maximum:	7:51:30
	Date of Maximum:	5/7/2019

Calibration	Sensor:	AEROSOL
	Cal. date	5/13/2013

Date	Time	AEROSOL
MM/dd/yyyy	hh:mm:ss	mg/m^3
5/7/2019	7:36:30	0.012
5/7/2019	7:51:30	0.015
5/7/2019	8:06:30	0.011
5/7/2019	8:21:30	0.011
5/7/2019	8:36:30	0.01
5/7/2019	8:51:30	0.011
5/7/2019	9:06:30	0.013
5/7/2019	9:21:30	0.013
5/7/2019	9:36:30	0.012
5/7/2019	9:51:30	0.012
5/7/2019	10:06:30	0.013
5/7/2019	10:21:30	0.013
5/7/2019	10:36:30	0.013
5/7/2019	10:51:30	0.013
5/7/2019	11:06:30	0.013
5/7/2019	11:21:30	0.013
5/7/2019	11:36:30	0.013
5/7/2019	11:51:30	0.013

5/7/2019	12:06:30	0.013
5/7/2019	12:21:30	0.014
5/7/2019	12:36:30	0.015
5/7/2019	12:51:30	0.015
5/7/2019	13:09:28	0
5/7/2019	14:25:41	0

ATTACHMENT 4

LABORATORY ANALYTICAL REPORT

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

May 17, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/07/19	9:14
Location Code:	WALDENE	Received by:	LB	05/07/19	17:20
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.31				

Laboratory Data

SDG ID: GCD08550
Phoenix ID: CD08550

Project ID: IPARK 0118.31
Client ID: C-1 0-3` 050719

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	10200	37	7.5	mg/Kg	10	05/16/19	CPP	SW6010D
Antimony	ND	3.7	3.7	mg/Kg	1	05/16/19	CPP	SW6010D
Arsenic	5.24	0.75	0.75	mg/Kg	1	05/16/19	CPP	SW6010D
Barium	46.7	0.7	0.37	mg/Kg	1	05/16/19	CPP	SW6010D
Beryllium	0.41	0.30	0.15	mg/Kg	1	05/16/19	CPP	SW6010D
Calcium	68900	37	34	mg/Kg	10	05/16/19	CPP	SW6010D
Cadmium	ND	0.37	0.37	mg/Kg	1	05/16/19	CPP	SW6010D
Chromium	11.2	0.37	0.37	mg/Kg	1	05/16/19	CPP	SW6010D
Cobalt	8.82	0.37	0.37	mg/Kg	1	05/16/19	CPP	SW6010D
Copper	19.4	0.7	0.37	mg/kg	1	05/16/19	CPP	SW6010D
Iron	22700	37	37	mg/Kg	10	05/16/19	CPP	SW6010D
Lead	13.7	0.7	0.37	mg/Kg	1	05/16/19	CPP	SW6010D
Magnesium	41400	37	37	mg/Kg	10	05/16/19	CPP	SW6010D
Manganese	759	3.7	3.7	mg/Kg	10	05/16/19	CPP	SW6010D
Mercury	ND	0.07	0.04	mg/Kg	5	05/16/19	RS	SW7471B
Nickel	16.5	0.37	0.37	mg/Kg	1	05/16/19	CPP	SW6010D
Potassium	1320	7	2.9	mg/Kg	1	05/16/19	CPP	SW6010D
Selenium	ND	1.5	1.3	mg/Kg	1	05/16/19	CPP	SW6010D
Silver	ND	0.37	0.37	mg/Kg	1	05/16/19	CPP	SW6010D
Sodium	83	7	3.2	mg/Kg	1	05/16/19	CPP	SW6010D
Thallium	ND	1.5	1.5	mg/Kg	1	05/16/19	CPP	SW6010D
Vanadium	12.9	0.37	0.37	mg/Kg	1	05/16/19	CPP	SW6010D
Zinc	48.7	0.7	0.37	mg/Kg	1	05/16/19	CPP	SW6010D
Percent Solid	88			%		05/15/19	ML	SW846-%Solid
Soil Extraction for PCB	Completed					05/15/19	MM/E	SW3545A
Soil Extraction for Pesticides	Completed					05/15/19	MM/E	SW3545A
Soil Extraction for SVOA	Completed					05/15/19	JJ/LV	SW3545A
Mercury Digestion	Completed					05/16/19	I/I	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for Herbicide	Completed					05/16/19	SZ/D	SW8151A
Total Metals Digest	Completed					05/15/19	B/AG/BF	SW3050B
Chlorinated Herbicides								
2,4,5-T	ND	93	93	ug/Kg	10	05/17/19	CW	SW8151A
2,4,5-TP (Silvex)	ND	93	93	ug/Kg	10	05/17/19	CW	SW8151A
2,4-D	ND	190	190	ug/Kg	10	05/17/19	CW	SW8151A
2,4-DB	ND	1900	1900	ug/Kg	10	05/17/19	CW	SW8151A
Dalapon	ND	93	93	ug/Kg	10	05/17/19	CW	SW8151A
Dicamba	ND	93	93	ug/Kg	10	05/17/19	CW	SW8151A
Dichloroprop	ND	190	190	ug/Kg	10	05/17/19	CW	SW8151A
Dinoseb	ND	190	190	ug/Kg	10	05/17/19	CW	SW8151A
QA/QC Surrogates								
% DCAA	77			%	10	05/17/19	CW	30 - 150 %
% DCAA (Confirmation)	52			%	10	05/17/19	CW	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	74	74	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1221	ND	74	74	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1232	ND	74	74	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1242	ND	74	74	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1248	ND	74	74	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1254	ND	74	74	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1260	ND	74	74	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1262	ND	74	74	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1268	ND	74	74	ug/Kg	2	05/16/19	SC	SW8082A
QA/QC Surrogates								
% DCBP	81			%	2	05/16/19	SC	40 - 140 %
% DCBP (Confirmation)	80			%	2	05/16/19	SC	40 - 140 %
% TCMX	65			%	2	05/16/19	SC	40 - 140 %
% TCMX (Confirmation)	65			%	2	05/16/19	SC	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.2	2.2	ug/Kg	2	05/16/19	CW	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	05/16/19	CW	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	05/16/19	CW	SW8081B
a-BHC	ND	7.4	7.4	ug/Kg	2	05/16/19	CW	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	05/16/19	CW	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	05/16/19	CW	SW8081B
b-BHC	ND	7.4	7.4	ug/Kg	2	05/16/19	CW	SW8081B
Chlordane	ND	37	37	ug/Kg	2	05/16/19	CW	SW8081B
d-BHC	ND	7.4	7.4	ug/Kg	2	05/16/19	CW	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	05/16/19	CW	SW8081B
Endosulfan I	ND	7.4	7.4	ug/Kg	2	05/16/19	CW	SW8081B
Endosulfan II	ND	7.4	7.4	ug/Kg	2	05/16/19	CW	SW8081B
Endosulfan sulfate	ND	7.4	7.4	ug/Kg	2	05/16/19	CW	SW8081B
Endrin	ND	7.4	7.4	ug/Kg	2	05/16/19	CW	SW8081B
Endrin aldehyde	ND	7.4	7.4	ug/Kg	2	05/16/19	CW	SW8081B
Endrin ketone	ND	7.4	7.4	ug/Kg	2	05/16/19	CW	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	05/16/19	CW	SW8081B

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
g-Chlordane	ND		3.7	3.7	ug/Kg	2	05/16/19	CW	SW8081B	
Heptachlor	ND		7.4	7.4	ug/Kg	2	05/16/19	CW	SW8081B	
Heptachlor epoxide	ND		7.4	7.4	ug/Kg	2	05/16/19	CW	SW8081B	
Methoxychlor	ND		37	37	ug/Kg	2	05/16/19	CW	SW8081B	
Toxaphene	ND		150	150	ug/Kg	2	05/16/19	CW	SW8081B	
QA/QC Surrogates										
% DCBP	44				%	2	05/16/19	CW	30 - 150 %	
% DCBP (Confirmation)	40				%	2	05/16/19	CW	30 - 150 %	
% TCMX	43				%	2	05/16/19	CW	30 - 150 %	
% TCMX (Confirmation)	44				%	2	05/16/19	CW	30 - 150 %	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND		5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND		5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
1,1-Dichloroethane	ND		5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
1,1-Dichloroethene	ND		5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
1,1-Dichloropropene	ND		5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND		5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2-Dibromoethane	ND		5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2-Dichloroethane	ND		5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2-Dichloropropane	ND		5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
1,3-Dichloropropane	ND		5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
2,2-Dichloropropane	ND		5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
2-Chlorotoluene	ND		5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
2-Hexanone	ND		28	5.7	ug/Kg	1	05/16/19	JLI	SW8260C	
2-Isopropyltoluene	ND		5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	1
4-Chlorotoluene	ND		5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND		28	5.7	ug/Kg	1	05/16/19	JLI	SW8260C	
Acetone	9.9	JS	28	5.7	ug/Kg	1	05/16/19	JLI	SW8260C	
Acrylonitrile	ND		11	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Benzene	ND		5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
Bromobenzene	ND		5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
Bromochloromethane	ND		5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
Bromodichloromethane	ND		5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Bromoform	ND		5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Bromomethane	ND		5.7	2.3	ug/Kg	1	05/16/19	JLI	SW8260C	
Carbon Disulfide	ND		5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Carbon tetrachloride	ND		5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Chlorobenzene	ND		5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
Chloroethane	ND		5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Chloroform	ND	5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
Chloromethane	ND	5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
Dibromochloromethane	ND	5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Dibromomethane	ND	5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
Ethylbenzene	ND	5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
Hexachlorobutadiene	ND	5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
Isopropylbenzene	ND	5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
m&p-Xylene	ND	5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND	34	5.7	ug/Kg	1	05/16/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Methylene chloride	ND	5.7	5.7	ug/Kg	1	05/16/19	JLI	SW8260C	
Naphthalene	ND	5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
n-Butylbenzene	ND	5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
n-Propylbenzene	ND	5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
o-Xylene	ND	5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
p-Isopropyltoluene	ND	5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
sec-Butylbenzene	ND	5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
Styrene	ND	5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
tert-Butylbenzene	ND	5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
Tetrachloroethene	ND	5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	11	2.8	ug/Kg	1	05/16/19	JLI	SW8260C	1
Toluene	ND	5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	11	2.8	ug/Kg	1	05/16/19	JLI	SW8260C	
Trichloroethene	ND	5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
Trichlorofluoromethane	ND	5.7	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
Vinyl chloride	ND	5.7	0.57	ug/Kg	1	05/16/19	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98			%	1	05/16/19	JLI	70 - 130 %	
% Bromofluorobenzene	100			%	1	05/16/19	JLI	70 - 130 %	
% Dibromofluoromethane	101			%	1	05/16/19	JLI	70 - 130 %	
% Toluene-d8	98			%	1	05/16/19	JLI	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	05/16/19	AW	SW8270D	
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	05/16/19	AW	SW8270D	
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	05/16/19	AW	SW8270D	
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	05/16/19	AW	SW8270D	
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	05/16/19	AW	SW8270D	
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	05/16/19	AW	SW8270D	
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	05/16/19	AW	SW8270D	
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	05/16/19	AW	SW8270D	
2,4-Dichlorophenol	ND	190	130	ug/Kg	1	05/16/19	AW	SW8270D	
2,4-Dimethylphenol	ND	260	92	ug/Kg	1	05/16/19	AW	SW8270D	
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	05/16/19	AW	SW8270D	

Project ID: IPARK 0118.31
Client ID: C-1 0-3` 050719

Phoenix I.D.: CD08550

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	05/16/19	AW	SW8270D	
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	05/16/19	AW	SW8270D	
2-Chloronaphthalene	ND	260	110	ug/Kg	1	05/16/19	AW	SW8270D	
2-Chlorophenol	ND	260	110	ug/Kg	1	05/16/19	AW	SW8270D	
2-Methylnaphthalene	ND	260	110	ug/Kg	1	05/16/19	AW	SW8270D	
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	1	05/16/19	AW	SW8270D	
2-Nitroaniline	ND	260	260	ug/Kg	1	05/16/19	AW	SW8270D	
2-Nitrophenol	ND	260	240	ug/Kg	1	05/16/19	AW	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	05/16/19	AW	SW8270D	1
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	05/16/19	AW	SW8270D	
3-Nitroaniline	ND	370	740	ug/Kg	1	05/16/19	AW	SW8270D	
4,6-Dinitro-2-methylphenol	ND	220	74	ug/Kg	1	05/16/19	AW	SW8270D	
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	05/16/19	AW	SW8270D	
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	05/16/19	AW	SW8270D	
4-Chloroaniline	ND	300	170	ug/Kg	1	05/16/19	AW	SW8270D	
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	05/16/19	AW	SW8270D	
4-Nitroaniline	ND	370	120	ug/Kg	1	05/16/19	AW	SW8270D	
4-Nitrophenol	ND	370	170	ug/Kg	1	05/16/19	AW	SW8270D	
Acenaphthene	ND	260	110	ug/Kg	1	05/16/19	AW	SW8270D	
Acenaphthylene	ND	260	100	ug/Kg	1	05/16/19	AW	SW8270D	
Acetophenone	ND	260	120	ug/Kg	1	05/16/19	AW	SW8270D	
Aniline	ND	300	300	ug/Kg	1	05/16/19	AW	SW8270D	
Anthracene	ND	260	120	ug/Kg	1	05/16/19	AW	SW8270D	
Benz(a)anthracene	ND	260	120	ug/Kg	1	05/16/19	AW	SW8270D	
Benzidine	ND	370	220	ug/Kg	1	05/16/19	AW	SW8270D	
Benzo(a)pyrene	ND	190	120	ug/Kg	1	05/16/19	AW	SW8270D	
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	05/16/19	AW	SW8270D	
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	05/16/19	AW	SW8270D	
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	05/16/19	AW	SW8270D	
Benzoic acid	ND	1900	740	ug/Kg	1	05/16/19	AW	SW8270D	
Benzyl butyl phthalate	ND	260	96	ug/Kg	1	05/16/19	AW	SW8270D	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	05/16/19	AW	SW8270D	
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	05/16/19	AW	SW8270D	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	05/16/19	AW	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	05/16/19	AW	SW8270D	
Carbazole	ND	190	150	ug/Kg	1	05/16/19	AW	SW8270D	
Chrysene	ND	260	120	ug/Kg	1	05/16/19	AW	SW8270D	
Dibenz(a,h)anthracene	ND	190	120	ug/Kg	1	05/16/19	AW	SW8270D	
Dibenzofuran	ND	260	110	ug/Kg	1	05/16/19	AW	SW8270D	
Diethyl phthalate	ND	260	120	ug/Kg	1	05/16/19	AW	SW8270D	
Dimethylphthalate	ND	260	120	ug/Kg	1	05/16/19	AW	SW8270D	
Di-n-butylphthalate	ND	260	99	ug/Kg	1	05/16/19	AW	SW8270D	
Di-n-octylphthalate	ND	260	96	ug/Kg	1	05/16/19	AW	SW8270D	
Fluoranthene	ND	260	120	ug/Kg	1	05/16/19	AW	SW8270D	
Fluorene	ND	260	120	ug/Kg	1	05/16/19	AW	SW8270D	
Hexachlorobenzene	ND	190	110	ug/Kg	1	05/16/19	AW	SW8270D	
Hexachlorobutadiene	ND	260	130	ug/Kg	1	05/16/19	AW	SW8270D	
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	05/16/19	AW	SW8270D	
Hexachloroethane	ND	190	110	ug/Kg	1	05/16/19	AW	SW8270D	

Project ID: IPARK 0118.31
Client ID: C-1 0-3` 050719

Phoenix I.D.: CD08550

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	05/16/19	AW	SW8270D	
Isophorone	ND	190	100	ug/Kg	1	05/16/19	AW	SW8270D	
Naphthalene	ND	260	110	ug/Kg	1	05/16/19	AW	SW8270D	
Nitrobenzene	ND	190	130	ug/Kg	1	05/16/19	AW	SW8270D	
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	05/16/19	AW	SW8270D	
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	05/16/19	AW	SW8270D	
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	05/16/19	AW	SW8270D	
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	05/16/19	AW	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	05/16/19	AW	SW8270D	
Phenanthrene	ND	260	110	ug/Kg	1	05/16/19	AW	SW8270D	
Phenol	ND	260	120	ug/Kg	1	05/16/19	AW	SW8270D	
Pyrene	ND	260	130	ug/Kg	1	05/16/19	AW	SW8270D	
Pyridine	ND	260	91	ug/Kg	1	05/16/19	AW	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	55			%	1	05/16/19	AW	30 - 130 %	
% 2-Fluorobiphenyl	50			%	1	05/16/19	AW	30 - 130 %	
% 2-Fluorophenol	52			%	1	05/16/19	AW	30 - 130 %	
% Nitrobenzene-d5	49			%	1	05/16/19	AW	30 - 130 %	
% Phenol-d5	54			%	1	05/16/19	AW	30 - 130 %	
% Terphenyl-d14	54			%	1	05/16/19	AW	30 - 130 %	
Field Extraction	Completed					05/07/19		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:

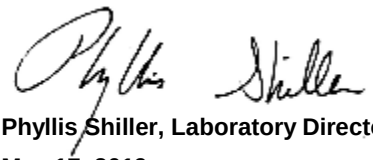
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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
May 17, 2019
Official Report Release To Follow

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 17, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/07/19	9:20
Location Code:	WALDENE	Received by:	LB	05/07/19	17:20
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.31				

Laboratory Data

SDG ID: GCD08550
Phoenix ID: CD08551

Project ID: IPARK 0118.31
Client ID: C-1 3-6` 050719

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	7630	39	7.8	mg/Kg	10	05/16/19	CPP	SW6010D
Antimony	ND	3.9	3.9	mg/Kg	1	05/16/19	CPP	SW6010D
Arsenic	5.07	0.78	0.78	mg/Kg	1	05/16/19	CPP	SW6010D
Barium	30.1	0.8	0.39	mg/Kg	1	05/16/19	CPP	SW6010D
Beryllium	0.36	0.31	0.16	mg/Kg	1	05/16/19	CPP	SW6010D
Calcium	45500	39	36	mg/Kg	10	05/16/19	CPP	SW6010D
Cadmium	ND	0.39	0.39	mg/Kg	1	05/16/19	CPP	SW6010D
Chromium	8.66	0.39	0.39	mg/Kg	1	05/16/19	CPP	SW6010D
Cobalt	7.48	0.39	0.39	mg/Kg	1	05/16/19	CPP	SW6010D
Copper	17.2	0.8	0.39	mg/kg	1	05/16/19	CPP	SW6010D
Iron	19300	39	39	mg/Kg	10	05/16/19	CPP	SW6010D
Lead	8.5	0.8	0.39	mg/Kg	1	05/16/19	CPP	SW6010D
Magnesium	28300	39	39	mg/Kg	10	05/16/19	CPP	SW6010D
Manganese	709	3.9	3.9	mg/Kg	10	05/16/19	CPP	SW6010D
Mercury	ND	0.07	0.04	mg/Kg	5	05/16/19	RS	SW7471B
Nickel	17.2	0.39	0.39	mg/Kg	1	05/16/19	CPP	SW6010D
Potassium	1120	8	3.0	mg/Kg	1	05/16/19	CPP	SW6010D
Selenium	ND	1.6	1.3	mg/Kg	1	05/16/19	CPP	SW6010D
Silver	ND	0.39	0.39	mg/Kg	1	05/16/19	CPP	SW6010D
Sodium	49	8	3.4	mg/Kg	1	05/16/19	CPP	SW6010D
Thallium	ND	1.6	1.6	mg/Kg	1	05/16/19	CPP	SW6010D
Vanadium	10.6	0.39	0.39	mg/Kg	1	05/16/19	CPP	SW6010D
Zinc	44.0	0.8	0.39	mg/Kg	1	05/16/19	CPP	SW6010D
Percent Solid	89			%		05/15/19	ML	SW846-%Solid
Soil Extraction for PCB	Completed					05/15/19	MM/E	SW3545A
Soil Extraction for Pesticides	Completed					05/15/19	MM/E	SW3545A
Soil Extraction for SVOA	Completed					05/16/19	JJ/LV	SW3545A
Mercury Digestion	Completed					05/16/19	I/I	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for Herbicide	Completed					05/16/19	SZ/D	SW8151A
Total Metals Digest	Completed					05/15/19	B/AG/BF	SW3050B
Chlorinated Herbicides								
2,4,5-T	ND	92	92	ug/Kg	10	05/17/19	CW	SW8151A
2,4,5-TP (Silvex)	ND	92	92	ug/Kg	10	05/17/19	CW	SW8151A
2,4-D	ND	180	180	ug/Kg	10	05/17/19	CW	SW8151A
2,4-DB	ND	1800	1800	ug/Kg	10	05/17/19	CW	SW8151A
Dalapon	ND	92	92	ug/Kg	10	05/17/19	CW	SW8151A
Dicamba	ND	92	92	ug/Kg	10	05/17/19	CW	SW8151A
Dichloroprop	ND	180	180	ug/Kg	10	05/17/19	CW	SW8151A
Dinoseb	ND	180	180	ug/Kg	10	05/17/19	CW	SW8151A
QA/QC Surrogates								
% DCAA	79			%	10	05/17/19	CW	30 - 150 %
% DCAA (Confirmation)	68			%	10	05/17/19	CW	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	73	73	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1221	ND	73	73	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1232	ND	73	73	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1242	ND	73	73	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1248	ND	73	73	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1254	ND	73	73	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1260	ND	73	73	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1262	ND	73	73	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1268	ND	73	73	ug/Kg	2	05/16/19	SC	SW8082A
QA/QC Surrogates								
% DCBP	83			%	2	05/16/19	SC	40 - 140 %
% DCBP (Confirmation)	82			%	2	05/16/19	SC	40 - 140 %
% TCMX	65			%	2	05/16/19	SC	40 - 140 %
% TCMX (Confirmation)	66			%	2	05/16/19	SC	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.2	2.2	ug/Kg	2	05/16/19	CW	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	05/16/19	CW	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	05/16/19	CW	SW8081B
a-BHC	ND	7.3	7.3	ug/Kg	2	05/16/19	CW	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	05/16/19	CW	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	05/16/19	CW	SW8081B
b-BHC	ND	7.3	7.3	ug/Kg	2	05/16/19	CW	SW8081B
Chlordane	ND	37	37	ug/Kg	2	05/16/19	CW	SW8081B
d-BHC	ND	7.3	7.3	ug/Kg	2	05/16/19	CW	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	05/16/19	CW	SW8081B
Endosulfan I	ND	7.3	7.3	ug/Kg	2	05/16/19	CW	SW8081B
Endosulfan II	ND	7.3	7.3	ug/Kg	2	05/16/19	CW	SW8081B
Endosulfan sulfate	ND	7.3	7.3	ug/Kg	2	05/16/19	CW	SW8081B
Endrin	ND	7.3	7.3	ug/Kg	2	05/16/19	CW	SW8081B
Endrin aldehyde	ND	7.3	7.3	ug/Kg	2	05/16/19	CW	SW8081B
Endrin ketone	ND	7.3	7.3	ug/Kg	2	05/16/19	CW	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	05/16/19	CW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
g-Chlordane	ND	3.7	3.7	ug/Kg	2	05/16/19	CW	SW8081B	
Heptachlor	ND	7.3	7.3	ug/Kg	2	05/16/19	CW	SW8081B	
Heptachlor epoxide	ND	7.3	7.3	ug/Kg	2	05/16/19	CW	SW8081B	
Methoxychlor	ND	37	37	ug/Kg	2	05/16/19	CW	SW8081B	
Toxaphene	ND	150	150	ug/Kg	2	05/16/19	CW	SW8081B	
QA/QC Surrogates									
% DCBP	46			%	2	05/16/19	CW	30 - 150 %	
% DCBP (Confirmation)	38			%	2	05/16/19	CW	30 - 150 %	
% TCMX	43			%	2	05/16/19	CW	30 - 150 %	
% TCMX (Confirmation)	51			%	2	05/16/19	CW	30 - 150 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
1,1-Dichloroethane	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
1,1-Dichloroethene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
1,1-Dichloropropene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2-Dibromoethane	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2-Dichloroethane	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2-Dichloropropane	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
1,3-Dichloropropane	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
2,2-Dichloropropane	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
2-Chlorotoluene	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
2-Hexanone	ND	28	5.6	ug/Kg	1	05/16/19	JLI	SW8260C	
2-Isopropyltoluene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	1
4-Chlorotoluene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND	28	5.6	ug/Kg	1	05/16/19	JLI	SW8260C	
Acetone	ND	28	5.6	ug/Kg	1	05/16/19	JLI	SW8260C	
Acrylonitrile	ND	11	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Benzene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
Bromobenzene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
Bromochloromethane	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
Bromodichloromethane	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Bromoform	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Bromomethane	ND	5.6	2.2	ug/Kg	1	05/16/19	JLI	SW8260C	
Carbon Disulfide	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Carbon tetrachloride	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Chlorobenzene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
Chloroethane	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Chloroform	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
Chloromethane	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
Dibromochloromethane	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Dibromomethane	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
Ethylbenzene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
Hexachlorobutadiene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
Isopropylbenzene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
m&p-Xylene	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND	33	5.6	ug/Kg	1	05/16/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Methylene chloride	ND	5.6	5.6	ug/Kg	1	05/16/19	JLI	SW8260C	
Naphthalene	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
n-Butylbenzene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
n-Propylbenzene	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
o-Xylene	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
p-Isopropyltoluene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
sec-Butylbenzene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
Styrene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
tert-Butylbenzene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
Tetrachloroethene	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	11	2.8	ug/Kg	1	05/16/19	JLI	SW8260C	1
Toluene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	11	2.8	ug/Kg	1	05/16/19	JLI	SW8260C	
Trichloroethene	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
Trichlorofluoromethane	ND	5.6	1.1	ug/Kg	1	05/16/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
Vinyl chloride	ND	5.6	0.56	ug/Kg	1	05/16/19	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98			%	1	05/16/19	JLI	70 - 130 %	
% Bromofluorobenzene	101			%	1	05/16/19	JLI	70 - 130 %	
% Dibromofluoromethane	98			%	1	05/16/19	JLI	70 - 130 %	
% Toluene-d8	98			%	1	05/16/19	JLI	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	05/17/19	AW	SW8270D	
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	05/17/19	AW	SW8270D	
1,2-Dichlorobenzene	ND	260	110	ug/Kg	1	05/17/19	AW	SW8270D	
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	05/17/19	AW	SW8270D	
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	05/17/19	AW	SW8270D	
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	05/17/19	AW	SW8270D	
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	05/17/19	AW	SW8270D	
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	05/17/19	AW	SW8270D	
2,4-Dichlorophenol	ND	190	130	ug/Kg	1	05/17/19	AW	SW8270D	
2,4-Dimethylphenol	ND	260	92	ug/Kg	1	05/17/19	AW	SW8270D	
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	05/17/19	AW	SW8270D	

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Client ID: C-1 3-6` 050719

Phoenix I.D.: CD08551

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	05/17/19	AW	SW8270D	
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	05/17/19	AW	SW8270D	
2-Chloronaphthalene	ND	260	110	ug/Kg	1	05/17/19	AW	SW8270D	
2-Chlorophenol	ND	260	110	ug/Kg	1	05/17/19	AW	SW8270D	
2-Methylnaphthalene	ND	260	110	ug/Kg	1	05/17/19	AW	SW8270D	
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	1	05/17/19	AW	SW8270D	
2-Nitroaniline	ND	260	260	ug/Kg	1	05/17/19	AW	SW8270D	
2-Nitrophenol	ND	260	240	ug/Kg	1	05/17/19	AW	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	05/17/19	AW	SW8270D	1
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	05/17/19	AW	SW8270D	
3-Nitroaniline	ND	370	750	ug/Kg	1	05/17/19	AW	SW8270D	
4,6-Dinitro-2-methylphenol	ND	220	75	ug/Kg	1	05/17/19	AW	SW8270D	
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	05/17/19	AW	SW8270D	
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	05/17/19	AW	SW8270D	
4-Chloroaniline	ND	300	170	ug/Kg	1	05/17/19	AW	SW8270D	
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	1	05/17/19	AW	SW8270D	
4-Nitroaniline	ND	370	120	ug/Kg	1	05/17/19	AW	SW8270D	
4-Nitrophenol	ND	370	170	ug/Kg	1	05/17/19	AW	SW8270D	
Acenaphthene	ND	260	110	ug/Kg	1	05/17/19	AW	SW8270D	
Acenaphthylene	ND	260	100	ug/Kg	1	05/17/19	AW	SW8270D	
Acetophenone	ND	260	120	ug/Kg	1	05/17/19	AW	SW8270D	
Aniline	ND	300	300	ug/Kg	1	05/17/19	AW	SW8270D	
Anthracene	ND	260	120	ug/Kg	1	05/17/19	AW	SW8270D	
Benz(a)anthracene	ND	260	130	ug/Kg	1	05/17/19	AW	SW8270D	
Benzidine	ND	370	220	ug/Kg	1	05/17/19	AW	SW8270D	
Benzo(a)pyrene	ND	190	120	ug/Kg	1	05/17/19	AW	SW8270D	
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	05/17/19	AW	SW8270D	
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	05/17/19	AW	SW8270D	
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	05/17/19	AW	SW8270D	
Benzoic acid	ND	1900	750	ug/Kg	1	05/17/19	AW	SW8270D	
Benzyl butyl phthalate	ND	260	96	ug/Kg	1	05/17/19	AW	SW8270D	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	05/17/19	AW	SW8270D	
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	05/17/19	AW	SW8270D	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	05/17/19	AW	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	05/17/19	AW	SW8270D	
Carbazole	ND	190	150	ug/Kg	1	05/17/19	AW	SW8270D	
Chrysene	ND	260	130	ug/Kg	1	05/17/19	AW	SW8270D	
Dibenz(a,h)anthracene	ND	190	120	ug/Kg	1	05/17/19	AW	SW8270D	
Dibenzofuran	ND	260	110	ug/Kg	1	05/17/19	AW	SW8270D	
Diethyl phthalate	ND	260	120	ug/Kg	1	05/17/19	AW	SW8270D	
Dimethylphthalate	ND	260	120	ug/Kg	1	05/17/19	AW	SW8270D	
Di-n-butylphthalate	ND	260	99	ug/Kg	1	05/17/19	AW	SW8270D	
Di-n-octylphthalate	ND	260	96	ug/Kg	1	05/17/19	AW	SW8270D	
Fluoranthene	ND	260	120	ug/Kg	1	05/17/19	AW	SW8270D	
Fluorene	ND	260	120	ug/Kg	1	05/17/19	AW	SW8270D	
Hexachlorobenzene	ND	190	110	ug/Kg	1	05/17/19	AW	SW8270D	
Hexachlorobutadiene	ND	260	130	ug/Kg	1	05/17/19	AW	SW8270D	
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	05/17/19	AW	SW8270D	
Hexachloroethane	ND	190	110	ug/Kg	1	05/17/19	AW	SW8270D	

Project ID: IPARK 0118.31
Client ID: C-1 3-6` 050719

Phoenix I.D.: CD08551

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	05/17/19	AW	SW8270D	
Isophorone	ND	190	100	ug/Kg	1	05/17/19	AW	SW8270D	
Naphthalene	ND	260	110	ug/Kg	1	05/17/19	AW	SW8270D	
Nitrobenzene	ND	190	130	ug/Kg	1	05/17/19	AW	SW8270D	
N-Nitrosodimethylamine	ND	260	110	ug/Kg	1	05/17/19	AW	SW8270D	
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	05/17/19	AW	SW8270D	
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	05/17/19	AW	SW8270D	
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	05/17/19	AW	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	05/17/19	AW	SW8270D	
Phenanthrene	ND	260	110	ug/Kg	1	05/17/19	AW	SW8270D	
Phenol	ND	260	120	ug/Kg	1	05/17/19	AW	SW8270D	
Pyrene	ND	260	130	ug/Kg	1	05/17/19	AW	SW8270D	
Pyridine	ND	260	92	ug/Kg	1	05/17/19	AW	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	67			%	1	05/17/19	AW	30 - 130 %	
% 2-Fluorobiphenyl	54			%	1	05/17/19	AW	30 - 130 %	
% 2-Fluorophenol	50			%	1	05/17/19	AW	30 - 130 %	
% Nitrobenzene-d5	48			%	1	05/17/19	AW	30 - 130 %	
% Phenol-d5	54			%	1	05/17/19	AW	30 - 130 %	
% Terphenyl-d14	58			%	1	05/17/19	AW	30 - 130 %	
Field Extraction	Completed					05/07/19		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.

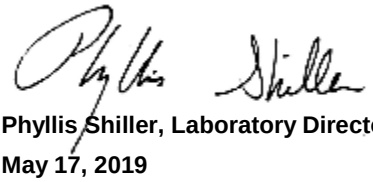
Comments:

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
May 17, 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

May 17, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/07/19	9:28
Location Code:	WALDENE	Received by:	LB	05/07/19	17:20
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.31				

Laboratory Data

SDG ID: GCD08550
Phoenix ID: CD08552

Project ID: IPARK 0118.31
Client ID: C-1 6-11` 050719

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	18600		36	7.2	mg/Kg	10	05/16/19	CPP	SW6010D
Antimony	ND		3.6	3.6	mg/Kg	1	05/16/19	CPP	SW6010D
Arsenic	7.11		0.72	0.72	mg/Kg	1	05/16/19	CPP	SW6010D
Barium	71.8		0.7	0.36	mg/Kg	1	05/16/19	CPP	SW6010D
Beryllium	0.80		0.29	0.14	mg/Kg	1	05/16/19	CPP	SW6010D
Calcium	1440		3.6	3.3	mg/Kg	1	05/16/19	CPP	SW6010D
Cadmium	0.69		0.36	0.36	mg/Kg	1	05/16/19	CPP	SW6010D
Chromium	20.4		0.36	0.36	mg/Kg	1	05/16/19	CPP	SW6010D
Cobalt	14.6		0.36	0.36	mg/Kg	1	05/16/19	CPP	SW6010D
Copper	31.0		0.7	0.36	mg/kg	1	05/16/19	CPP	SW6010D
Iron	40200		36	36	mg/Kg	10	05/16/19	CPP	SW6010D
Lead	15.9		0.7	0.36	mg/Kg	1	05/16/19	CPP	SW6010D
Magnesium	7050		36	36	mg/Kg	10	05/16/19	CPP	SW6010D
Manganese	1060		3.6	3.6	mg/Kg	10	05/16/19	CPP	SW6010D
Mercury	0.06	J	0.07	0.04	mg/Kg	5	05/16/19	RS	SW7471B
Nickel	30.7		0.36	0.36	mg/Kg	1	05/16/19	CPP	SW6010D
Potassium	1730		7	2.8	mg/Kg	1	05/16/19	CPP	SW6010D
Selenium	ND		1.4	1.2	mg/Kg	1	05/16/19	CPP	SW6010D
Silver	ND		0.36	0.36	mg/Kg	1	05/16/19	CPP	SW6010D
Sodium	44		7	3.1	mg/Kg	1	05/16/19	CPP	SW6010D
Thallium	ND		1.4	1.4	mg/Kg	1	05/16/19	CPP	SW6010D
Vanadium	23.9		0.36	0.36	mg/Kg	1	05/16/19	CPP	SW6010D
Zinc	81.2		0.7	0.36	mg/Kg	1	05/16/19	CPP	SW6010D
Percent Solid	83				%		05/15/19	ML	SW846-%Solid
Soil Extraction for PCB	Completed						05/15/19	MM/E	SW3545A
Soil Extraction for Pesticides	Completed						05/15/19	MM/E	SW3545A
Soil Extraction for SVOA	Completed						05/15/19	NT/LV	SW3545A
Mercury Digestion	Completed						05/16/19	I/I	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for Herbicide	Completed					05/16/19	SZ/D	SW8151A
Total Metals Digest	Completed					05/15/19	B/AG/BF	SW3050B
Chlorinated Herbicides								
2,4,5-T	ND	100	100	ug/Kg	10	05/17/19	CW	SW8151A
2,4,5-TP (Silvex)	ND	100	100	ug/Kg	10	05/17/19	CW	SW8151A
2,4-D	ND	200	200	ug/Kg	10	05/17/19	CW	SW8151A
2,4-DB	ND	2000	2000	ug/Kg	10	05/17/19	CW	SW8151A
Dalapon	ND	100	100	ug/Kg	10	05/17/19	CW	SW8151A
Dicamba	ND	100	100	ug/Kg	10	05/17/19	CW	SW8151A
Dichloroprop	ND	200	200	ug/Kg	10	05/17/19	CW	SW8151A
Dinoseb	ND	200	200	ug/Kg	10	05/17/19	CW	SW8151A
QA/QC Surrogates								
% DCAA	88			%	10	05/17/19	CW	30 - 150 %
% DCAA (Confirmation)	68			%	10	05/17/19	CW	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	79	79	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1221	ND	79	79	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1232	ND	79	79	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1242	ND	79	79	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1248	ND	79	79	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1254	ND	79	79	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1260	ND	79	79	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1262	ND	79	79	ug/Kg	2	05/16/19	SC	SW8082A
PCB-1268	ND	79	79	ug/Kg	2	05/16/19	SC	SW8082A
QA/QC Surrogates								
% DCBP	95			%	2	05/16/19	SC	40 - 140 %
% DCBP (Confirmation)	94			%	2	05/16/19	SC	40 - 140 %
% TCMX	71			%	2	05/16/19	SC	40 - 140 %
% TCMX (Confirmation)	72			%	2	05/16/19	SC	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.4	2.4	ug/Kg	2	05/16/19	CW	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	05/16/19	CW	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	05/16/19	CW	SW8081B
a-BHC	ND	7.9	7.9	ug/Kg	2	05/16/19	CW	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	05/16/19	CW	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	05/16/19	CW	SW8081B
b-BHC	ND	7.9	7.9	ug/Kg	2	05/16/19	CW	SW8081B
Chlordane	ND	39	39	ug/Kg	2	05/16/19	CW	SW8081B
d-BHC	ND	7.9	7.9	ug/Kg	2	05/16/19	CW	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	05/16/19	CW	SW8081B
Endosulfan I	ND	7.9	7.9	ug/Kg	2	05/16/19	CW	SW8081B
Endosulfan II	ND	7.9	7.9	ug/Kg	2	05/16/19	CW	SW8081B
Endosulfan sulfate	ND	7.9	7.9	ug/Kg	2	05/16/19	CW	SW8081B
Endrin	ND	7.9	7.9	ug/Kg	2	05/16/19	CW	SW8081B
Endrin aldehyde	ND	7.9	7.9	ug/Kg	2	05/16/19	CW	SW8081B
Endrin ketone	ND	7.9	7.9	ug/Kg	2	05/16/19	CW	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	05/16/19	CW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
g-Chlordane	ND	3.9	3.9	ug/Kg	2	05/16/19	CW	SW8081B	
Heptachlor	ND	7.9	7.9	ug/Kg	2	05/16/19	CW	SW8081B	
Heptachlor epoxide	ND	7.9	7.9	ug/Kg	2	05/16/19	CW	SW8081B	
Methoxychlor	ND	39	39	ug/Kg	2	05/16/19	CW	SW8081B	
Toxaphene	ND	160	160	ug/Kg	2	05/16/19	CW	SW8081B	
QA/QC Surrogates									
% DCBP	43			%	2	05/16/19	CW	30 - 150 %	
% DCBP (Confirmation)	37			%	2	05/16/19	CW	30 - 150 %	
% TCMX	41			%	2	05/16/19	CW	30 - 150 %	
% TCMX (Confirmation)	46			%	2	05/16/19	CW	30 - 150 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND	6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND	6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
1,1-Dichloroethane	ND	6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
1,1-Dichloroethene	ND	6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
1,1-Dichloropropene	ND	6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND	6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2-Dibromoethane	ND	6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND	6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2-Dichloroethane	ND	6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
1,2-Dichloropropane	ND	6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND	6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
1,3-Dichloropropane	ND	6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND	6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
2,2-Dichloropropane	ND	6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
2-Chlorotoluene	ND	6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
2-Hexanone	ND	30	6.0	ug/Kg	1	05/16/19	JLI	SW8260C	
2-Isopropyltoluene	ND	6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	1
4-Chlorotoluene	ND	6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND	30	6.0	ug/Kg	1	05/16/19	JLI	SW8260C	
Acetone	ND	30	6.0	ug/Kg	1	05/16/19	JLI	SW8260C	
Acrylonitrile	ND	12	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
Benzene	ND	6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
Bromobenzene	ND	6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
Bromochloromethane	ND	6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
Bromodichloromethane	ND	6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
Bromoform	ND	6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
Bromomethane	ND	6.0	2.4	ug/Kg	1	05/16/19	JLI	SW8260C	
Carbon Disulfide	ND	6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
Carbon tetrachloride	ND	6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
Chlorobenzene	ND	6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
Chloroethane	ND	6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Chloroform	ND		6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
Chloromethane	ND		6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
Dibromochloromethane	ND		6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
Dibromomethane	ND		6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
Dichlorodifluoromethane	ND		6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
Ethylbenzene	ND		6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
Hexachlorobutadiene	ND		6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
Isopropylbenzene	ND		6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
m&p-Xylene	ND		6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND		36	6.0	ug/Kg	1	05/16/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		12	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
Methylene chloride	ND		6.0	6.0	ug/Kg	1	05/16/19	JLI	SW8260C	
Naphthalene	ND		6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
n-Butylbenzene	ND		6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
n-Propylbenzene	ND		6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
o-Xylene	ND		6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
p-Isopropyltoluene	ND		6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
sec-Butylbenzene	ND		6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
Styrene	ND		6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
tert-Butylbenzene	ND		6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
Tetrachloroethene	3.9	J	6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		12	3.0	ug/Kg	1	05/16/19	JLI	SW8260C	1
Toluene	ND		6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		12	3.0	ug/Kg	1	05/16/19	JLI	SW8260C	
Trichloroethene	ND		6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
Trichlorofluoromethane	ND		6.0	1.2	ug/Kg	1	05/16/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND		6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
Vinyl chloride	ND		6.0	0.60	ug/Kg	1	05/16/19	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	98				%	1	05/16/19	JLI	70 - 130 %	
% Bromofluorobenzene	101				%	1	05/16/19	JLI	70 - 130 %	
% Dibromofluoromethane	98				%	1	05/16/19	JLI	70 - 130 %	
% Toluene-d8	99				%	1	05/16/19	JLI	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		280	140	ug/Kg	1	05/16/19	AW	SW8270D	
1,2,4-Trichlorobenzene	ND		280	120	ug/Kg	1	05/16/19	AW	SW8270D	
1,2-Dichlorobenzene	ND		280	110	ug/Kg	1	05/16/19	AW	SW8270D	
1,2-Diphenylhydrazine	ND		280	130	ug/Kg	1	05/16/19	AW	SW8270D	
1,3-Dichlorobenzene	ND		280	120	ug/Kg	1	05/16/19	AW	SW8270D	
1,4-Dichlorobenzene	ND		280	120	ug/Kg	1	05/16/19	AW	SW8270D	
2,4,5-Trichlorophenol	ND		280	220	ug/Kg	1	05/16/19	AW	SW8270D	
2,4,6-Trichlorophenol	ND		200	130	ug/Kg	1	05/16/19	AW	SW8270D	
2,4-Dichlorophenol	ND		200	140	ug/Kg	1	05/16/19	AW	SW8270D	
2,4-Dimethylphenol	ND		280	99	ug/Kg	1	05/16/19	AW	SW8270D	
2,4-Dinitrophenol	ND		280	280	ug/Kg	1	05/16/19	AW	SW8270D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrotoluene	ND	200	160	ug/Kg	1	05/16/19	AW	SW8270D	
2,6-Dinitrotoluene	ND	200	130	ug/Kg	1	05/16/19	AW	SW8270D	
2-Chloronaphthalene	ND	280	110	ug/Kg	1	05/16/19	AW	SW8270D	
2-Chlorophenol	ND	280	110	ug/Kg	1	05/16/19	AW	SW8270D	
2-Methylnaphthalene	ND	280	120	ug/Kg	1	05/16/19	AW	SW8270D	
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	05/16/19	AW	SW8270D	
2-Nitroaniline	ND	280	280	ug/Kg	1	05/16/19	AW	SW8270D	
2-Nitrophenol	ND	280	250	ug/Kg	1	05/16/19	AW	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	05/16/19	AW	SW8270D	1
3,3'-Dichlorobenzidine	ND	200	190	ug/Kg	1	05/16/19	AW	SW8270D	
3-Nitroaniline	ND	400	790	ug/Kg	1	05/16/19	AW	SW8270D	
4,6-Dinitro-2-methylphenol	ND	240	79	ug/Kg	1	05/16/19	AW	SW8270D	
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	05/16/19	AW	SW8270D	
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	05/16/19	AW	SW8270D	
4-Chloroaniline	ND	320	190	ug/Kg	1	05/16/19	AW	SW8270D	
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	05/16/19	AW	SW8270D	
4-Nitroaniline	ND	400	130	ug/Kg	1	05/16/19	AW	SW8270D	
4-Nitrophenol	ND	400	180	ug/Kg	1	05/16/19	AW	SW8270D	
Acenaphthene	ND	280	120	ug/Kg	1	05/16/19	AW	SW8270D	
Acenaphthylene	ND	280	110	ug/Kg	1	05/16/19	AW	SW8270D	
Acetophenone	ND	280	120	ug/Kg	1	05/16/19	AW	SW8270D	
Aniline	ND	320	320	ug/Kg	1	05/16/19	AW	SW8270D	
Anthracene	ND	280	130	ug/Kg	1	05/16/19	AW	SW8270D	
Benz(a)anthracene	ND	280	130	ug/Kg	1	05/16/19	AW	SW8270D	
Benzidine	ND	400	230	ug/Kg	1	05/16/19	AW	SW8270D	
Benzo(a)pyrene	ND	200	130	ug/Kg	1	05/16/19	AW	SW8270D	
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	05/16/19	AW	SW8270D	
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	05/16/19	AW	SW8270D	
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	05/16/19	AW	SW8270D	
Benzoic acid	ND	2000	790	ug/Kg	1	05/16/19	AW	SW8270D	
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	05/16/19	AW	SW8270D	
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	05/16/19	AW	SW8270D	
Bis(2-chloroethyl)ether	ND	200	110	ug/Kg	1	05/16/19	AW	SW8270D	
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	05/16/19	AW	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	280	110	ug/Kg	1	05/16/19	AW	SW8270D	
Carbazole	ND	200	160	ug/Kg	1	05/16/19	AW	SW8270D	
Chrysene	ND	280	130	ug/Kg	1	05/16/19	AW	SW8270D	
Dibenz(a,h)anthracene	ND	200	130	ug/Kg	1	05/16/19	AW	SW8270D	
Dibenzofuran	ND	280	120	ug/Kg	1	05/16/19	AW	SW8270D	
Diethyl phthalate	ND	280	130	ug/Kg	1	05/16/19	AW	SW8270D	
Dimethylphthalate	ND	280	120	ug/Kg	1	05/16/19	AW	SW8270D	
Di-n-butylphthalate	ND	280	110	ug/Kg	1	05/16/19	AW	SW8270D	
Di-n-octylphthalate	ND	280	100	ug/Kg	1	05/16/19	AW	SW8270D	
Fluoranthene	ND	280	130	ug/Kg	1	05/16/19	AW	SW8270D	
Fluorene	ND	280	130	ug/Kg	1	05/16/19	AW	SW8270D	
Hexachlorobenzene	ND	200	120	ug/Kg	1	05/16/19	AW	SW8270D	
Hexachlorobutadiene	ND	280	140	ug/Kg	1	05/16/19	AW	SW8270D	
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	05/16/19	AW	SW8270D	
Hexachloroethane	ND	200	120	ug/Kg	1	05/16/19	AW	SW8270D	

Project ID: IPARK 0118.31
Client ID: C-1 6-11` 050719

Phoenix I.D.: CD08552

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	05/16/19	AW	SW8270D	
Isophorone	ND	200	110	ug/Kg	1	05/16/19	AW	SW8270D	
Naphthalene	ND	280	110	ug/Kg	1	05/16/19	AW	SW8270D	
Nitrobenzene	ND	200	140	ug/Kg	1	05/16/19	AW	SW8270D	
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	05/16/19	AW	SW8270D	
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	05/16/19	AW	SW8270D	
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	05/16/19	AW	SW8270D	
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	05/16/19	AW	SW8270D	
Pentachlorophenol	ND	240	150	ug/Kg	1	05/16/19	AW	SW8270D	
Phenanthrene	ND	280	110	ug/Kg	1	05/16/19	AW	SW8270D	
Phenol	ND	280	130	ug/Kg	1	05/16/19	AW	SW8270D	
Pyrene	ND	280	140	ug/Kg	1	05/16/19	AW	SW8270D	
Pyridine	ND	280	98	ug/Kg	1	05/16/19	AW	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	47			%	1	05/16/19	AW	30 - 130 %	
% 2-Fluorobiphenyl	43			%	1	05/16/19	AW	30 - 130 %	
% 2-Fluorophenol	36			%	1	05/16/19	AW	30 - 130 %	
% Nitrobenzene-d5	42			%	1	05/16/19	AW	30 - 130 %	
% Phenol-d5	45			%	1	05/16/19	AW	30 - 130 %	
% Terphenyl-d14	60			%	1	05/16/19	AW	30 - 130 %	
Field Extraction	Completed					05/07/19		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.

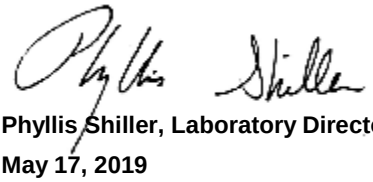
Comments:

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
May 17, 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

May 17, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/07/19	10:00
Location Code:	WALDENE	Received by:	LB	05/07/19	17:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.31				

Laboratory Data

SDG ID: GCD08550
Phoenix ID: CD08553

Project ID: IPARK 0118.31
Client ID: C-3 0-3` 050719

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	15800	41	8.2	mg/Kg	10	05/09/19	CPP	SW6010D
Antimony	ND	4.1	4.1	mg/Kg	1	05/09/19	CPP	SW6010D
Arsenic	5.57	0.82	0.82	mg/Kg	1	05/09/19	CPP	SW6010D
Barium	59.3	0.8	0.41	mg/Kg	1	05/09/19	CPP	SW6010D
Beryllium	0.58	0.33	0.16	mg/Kg	1	05/09/19	CPP	SW6010D
Calcium	13300	41	38	mg/Kg	10	05/09/19	CPP	SW6010D
Cadmium	0.59	0.41	0.41	mg/Kg	1	05/09/19	CPP	SW6010D
Chromium	16.0	0.41	0.41	mg/Kg	1	05/09/19	CPP	SW6010D
Cobalt	10.5	0.41	0.41	mg/Kg	1	05/09/19	CPP	SW6010D
Copper	20.3	0.8	0.41	mg/kg	1	05/09/19	CPP	SW6010D
Iron	27100	41	41	mg/Kg	10	05/09/19	CPP	SW6010D
Lead	14.1	0.8	0.41	mg/Kg	1	05/09/19	CPP	SW6010D
Magnesium	11000	41	41	mg/Kg	10	05/09/19	CPP	SW6010D
Manganese	712	4.1	4.1	mg/Kg	10	05/09/19	CPP	SW6010D
Mercury	ND	0.08	0.05	mg/Kg	1	05/08/19	RS	SW7471B
Nickel	20.6	0.41	0.41	mg/Kg	1	05/09/19	CPP	SW6010D
Potassium	1140	8	3.2	mg/Kg	1	05/09/19	CPP	SW6010D
Selenium	ND	1.6	1.4	mg/Kg	1	05/09/19	CPP	SW6010D
Silver	ND	0.41	0.41	mg/Kg	1	05/09/19	CPP	SW6010D
Sodium	140	8	3.5	mg/Kg	1	05/09/19	CPP	SW6010D
Thallium	ND	1.6	1.6	mg/Kg	1	05/09/19	CPP	SW6010D
Vanadium	19.9	0.41	0.41	mg/Kg	1	05/09/19	CPP	SW6010D
Zinc	65.1	0.8	0.41	mg/Kg	1	05/09/19	CPP	SW6010D
Percent Solid	87			%		05/07/19	ML	SW846-%Solid
Soil Extraction for PCB	Completed					05/08/19	BB/V	SW3545A
Soil Extraction for Pesticides	Completed					05/08/19	BB/V	SW3545A
Soil Extraction for SVOA	Completed					05/07/19	JJ/LV	SW3545A
Mercury Digestion	Completed					05/08/19	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for Herbicide	Completed					05/07/19	C/D	SW8151A
Total Metals Digest	Completed					05/08/19	Q/AG	SW3050B
Chlorinated Herbicides								
2,4,5-T	ND	95	95	ug/Kg	10	05/09/19	CW	SW8151A
2,4,5-TP (Silvex)	ND	95	95	ug/Kg	10	05/09/19	CW	SW8151A
2,4-D	ND	190	190	ug/Kg	10	05/09/19	CW	SW8151A
2,4-DB	ND	1900	1900	ug/Kg	10	05/09/19	CW	SW8151A
Dalapon	ND	95	95	ug/Kg	10	05/09/19	CW	SW8151A
Dicamba	ND	95	95	ug/Kg	10	05/09/19	CW	SW8151A
Dichloroprop	ND	190	190	ug/Kg	10	05/09/19	CW	SW8151A
Dinoseb	ND	190	190	ug/Kg	10	05/09/19	CW	SW8151A
QA/QC Surrogates								
% DCAA	43			%	10	05/09/19	CW	30 - 150 %
% DCAA (Confirmation)	45			%	10	05/09/19	CW	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	76	76	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1221	ND	76	76	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1232	ND	76	76	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1242	ND	76	76	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1248	ND	76	76	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1254	ND	76	76	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1260	ND	76	76	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1262	ND	76	76	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1268	ND	76	76	ug/Kg	2	05/10/19	SC	SW8082A
QA/QC Surrogates								
% DCBP	59			%	2	05/10/19	SC	40 - 140 %
% DCBP (Confirmation)	53			%	2	05/10/19	SC	40 - 140 %
% TCMX	56			%	2	05/10/19	SC	40 - 140 %
% TCMX (Confirmation)	52			%	2	05/10/19	SC	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.3	2.3	ug/Kg	2	05/10/19	CW	SW8081B
4,4' -DDE	8.4	2.3	2.3	ug/Kg	2	05/10/19	CW	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	05/10/19	CW	SW8081B
a-BHC	ND	7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B
a-Chlordane	ND	3.8	3.8	ug/Kg	2	05/10/19	CW	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	05/10/19	CW	SW8081B
b-BHC	ND	7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B
Chlordane	ND	38	38	ug/Kg	2	05/10/19	CW	SW8081B
d-BHC	ND	7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	05/10/19	CW	SW8081B
Endosulfan I	ND	7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B
Endosulfan II	ND	7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B
Endosulfan sulfate	ND	7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B
Endrin	ND	7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B
Endrin aldehyde	ND	7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B
Endrin ketone	ND	7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	05/10/19	CW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
g-Chlordane	ND	3.8	3.8	ug/Kg	2	05/10/19	CW	SW8081B	
Heptachlor	ND	7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B	
Heptachlor epoxide	ND	7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B	
Methoxychlor	ND	38	38	ug/Kg	2	05/10/19	CW	SW8081B	
Toxaphene	ND	150	150	ug/Kg	2	05/10/19	CW	SW8081B	
QA/QC Surrogates									
% DCBP	65			%	2	05/10/19	CW	30 - 150 %	
% DCBP (Confirmation)	48			%	2	05/10/19	CW	30 - 150 %	
% TCMX	58			%	2	05/10/19	CW	30 - 150 %	
% TCMX (Confirmation)	55			%	2	05/10/19	CW	30 - 150 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1-Dichloroethane	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1-Dichloroethene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1-Dichloropropene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dibromoethane	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dichloroethane	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dichloropropane	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,3-Dichloropropane	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
2,2-Dichloropropane	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
2-Chlorotoluene	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
2-Hexanone	ND	29	5.7	ug/Kg	1	05/08/19	JLI	SW8260C	
2-Isopropyltoluene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	1
4-Chlorotoluene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND	29	5.7	ug/Kg	1	05/08/19	JLI	SW8260C	
Acetone	ND	29	5.7	ug/Kg	1	05/08/19	JLI	SW8260C	
Acrylonitrile	ND	11	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Benzene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromobenzene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromochloromethane	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromodichloromethane	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromoform	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromomethane	ND	5.7	2.3	ug/Kg	1	05/08/19	JLI	SW8260C	
Carbon Disulfide	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Carbon tetrachloride	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Chlorobenzene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Chloroethane	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Chloroform	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Chloromethane	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Dibromochloromethane	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Dibromomethane	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Ethylbenzene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Hexachlorobutadiene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Isopropylbenzene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
m&p-Xylene	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND	34	5.7	ug/Kg	1	05/08/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Methylene chloride	ND	5.7	5.7	ug/Kg	1	05/08/19	JLI	SW8260C	
Naphthalene	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
n-Butylbenzene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
n-Propylbenzene	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
o-Xylene	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
p-Isopropyltoluene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
sec-Butylbenzene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Styrene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
tert-Butylbenzene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Tetrachloroethene	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	11	2.9	ug/Kg	1	05/08/19	JLI	SW8260C	1
Toluene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	11	2.9	ug/Kg	1	05/08/19	JLI	SW8260C	
Trichloroethene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Trichlorofluoromethane	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Vinyl chloride	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	103			%	1	05/08/19	JLI	70 - 130 %	
% Bromofluorobenzene	97			%	1	05/08/19	JLI	70 - 130 %	
% Dibromofluoromethane	103			%	1	05/08/19	JLI	70 - 130 %	
% Toluene-d8	98			%	1	05/08/19	JLI	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	05/08/19	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	05/08/19	WB	SW8270D	
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	05/08/19	WB	SW8270D	
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	05/08/19	WB	SW8270D	
2,4-Dichlorophenol	ND	190	130	ug/Kg	1	05/08/19	WB	SW8270D	
2,4-Dimethylphenol	ND	260	92	ug/Kg	1	05/08/19	WB	SW8270D	
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	05/08/19	WB	SW8270D	

Project ID: IPARK 0118.31
Client ID: C-3 0-3` 050719

Phoenix I.D.: CD08553

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	05/08/19	WB	SW8270D	
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	05/08/19	WB	SW8270D	
2-Chloronaphthalene	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
2-Chlorophenol	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
2-Methylnaphthalene	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	1	05/08/19	WB	SW8270D	
2-Nitroaniline	ND	260	260	ug/Kg	1	05/08/19	WB	SW8270D	
2-Nitrophenol	ND	260	240	ug/Kg	1	05/08/19	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	05/08/19	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	05/08/19	WB	SW8270D	
3-Nitroaniline	ND	370	740	ug/Kg	1	05/08/19	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	220	74	ug/Kg	1	05/08/19	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	05/08/19	WB	SW8270D	
4-Chloroaniline	ND	300	170	ug/Kg	1	05/08/19	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
4-Nitroaniline	ND	370	120	ug/Kg	1	05/08/19	WB	SW8270D	
4-Nitrophenol	ND	370	170	ug/Kg	1	05/08/19	WB	SW8270D	
Acenaphthene	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
Acenaphthylene	ND	260	100	ug/Kg	1	05/08/19	WB	SW8270D	
Acetophenone	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Aniline	ND	300	300	ug/Kg	1	05/08/19	WB	SW8270D	
Anthracene	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Benz(a)anthracene	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Benzidine	ND	370	220	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(a)pyrene	ND	190	120	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Benzoic acid	ND	1900	740	ug/Kg	1	05/08/19	WB	SW8270D	
Benzyl butyl phthalate	ND	260	96	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
Carbazole	ND	190	150	ug/Kg	1	05/08/19	WB	SW8270D	
Chrysene	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Dibenz(a,h)anthracene	ND	190	120	ug/Kg	1	05/08/19	WB	SW8270D	
Dibenzofuran	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
Diethyl phthalate	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Dimethylphthalate	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Di-n-butylphthalate	ND	260	99	ug/Kg	1	05/08/19	WB	SW8270D	
Di-n-octylphthalate	ND	260	96	ug/Kg	1	05/08/19	WB	SW8270D	
Fluoranthene	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Fluorene	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachlorobenzene	ND	190	110	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachlorobutadiene	ND	260	130	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachloroethane	ND	190	110	ug/Kg	1	05/08/19	WB	SW8270D	

Project ID: IPARK 0118.31
Client ID: C-3 0-3` 050719

Phoenix I.D.: CD08553

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Isophorone	ND	190	100	ug/Kg	1	05/08/19	WB	SW8270D	
Naphthalene	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
Nitrobenzene	ND	190	130	ug/Kg	1	05/08/19	WB	SW8270D	
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	05/08/19	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	05/08/19	WB	SW8270D	
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	05/08/19	WB	SW8270D	
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	05/08/19	WB	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	05/08/19	WB	SW8270D	
Phenanthrene	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
Phenol	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Pyrene	ND	260	130	ug/Kg	1	05/08/19	WB	SW8270D	
Pyridine	ND	260	91	ug/Kg	1	05/08/19	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	106			%	1	05/08/19	WB	30 - 130 %	
% 2-Fluorobiphenyl	70			%	1	05/08/19	WB	30 - 130 %	
% 2-Fluorophenol	59			%	1	05/08/19	WB	30 - 130 %	
% Nitrobenzene-d5	67			%	1	05/08/19	WB	30 - 130 %	
% Phenol-d5	72			%	1	05/08/19	WB	30 - 130 %	
% Terphenyl-d14	69			%	1	05/08/19	WB	30 - 130 %	
Field Extraction	Completed					05/07/19		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.

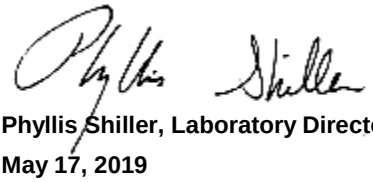
Comments:

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
May 17, 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

May 17, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/07/19	10:17
Location Code:	WALDENE	Received by:	LB	05/07/19	17:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.31				

Laboratory Data

SDG ID: GCD08550
Phoenix ID: CD08554

Project ID: IPARK 0118.31
Client ID: C-3 3-6` 050719

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	21100	40	8.0	mg/Kg	10	05/09/19	CPP	SW6010D
Antimony	ND	4.0	4.0	mg/Kg	1	05/09/19	CPP	SW6010D
Arsenic	5.32	0.80	0.80	mg/Kg	1	05/09/19	CPP	SW6010D
Barium	79.3	0.8	0.40	mg/Kg	1	05/09/19	CPP	SW6010D
Beryllium	0.68	0.32	0.16	mg/Kg	1	05/09/19	CPP	SW6010D
Calcium	1630	4.0	3.7	mg/Kg	1	05/09/19	CPP	SW6010D
Cadmium	0.61	0.40	0.40	mg/Kg	1	05/09/19	CPP	SW6010D
Chromium	19.3	0.40	0.40	mg/Kg	1	05/09/19	CPP	SW6010D
Cobalt	12.0	0.40	0.40	mg/Kg	1	05/09/19	CPP	SW6010D
Copper	18.0	0.8	0.40	mg/kg	1	05/09/19	CPP	SW6010D
Iron	29400	40	40	mg/Kg	10	05/09/19	CPP	SW6010D
Lead	15.5	0.8	0.40	mg/Kg	1	05/09/19	CPP	SW6010D
Magnesium	6130	40	40	mg/Kg	10	05/09/19	CPP	SW6010D
Manganese	800	4.0	4.0	mg/Kg	10	05/09/19	CPP	SW6010D
Mercury	ND	0.07	0.04	mg/Kg	1	05/08/19	RS	SW7471B
Nickel	22.2	0.40	0.40	mg/Kg	1	05/09/19	CPP	SW6010D
Potassium	1070	8	3.1	mg/Kg	1	05/09/19	CPP	SW6010D
Selenium	ND	1.6	1.4	mg/Kg	1	05/09/19	CPP	SW6010D
Silver	ND	0.40	0.40	mg/Kg	1	05/09/19	CPP	SW6010D
Sodium	46	8	3.5	mg/Kg	1	05/09/19	CPP	SW6010D
Thallium	ND	1.6	1.6	mg/Kg	1	05/09/19	CPP	SW6010D
Vanadium	24.2	0.40	0.40	mg/Kg	1	05/09/19	CPP	SW6010D
Zinc	71.6	0.8	0.40	mg/Kg	1	05/09/19	CPP	SW6010D
Percent Solid	84			%		05/07/19	ML	SW846-%Solid
Soil Extraction for PCB	Completed					05/08/19	BB/V	SW3545A
Soil Extraction for Pesticides	Completed					05/08/19	BB/V	SW3545A
Soil Extraction for SVOA	Completed					05/07/19	JJ/LV	SW3545A
Mercury Digestion	Completed					05/08/19	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for Herbicide	Completed					05/07/19	C/D	SW8151A
Total Metals Digest	Completed					05/08/19	Q/AG	SW3050B
Chlorinated Herbicides								
2,4,5-T	ND	98	98	ug/Kg	10	05/09/19	CW	SW8151A
2,4,5-TP (Silvex)	ND	98	98	ug/Kg	10	05/09/19	CW	SW8151A
2,4-D	ND	200	200	ug/Kg	10	05/09/19	CW	SW8151A
2,4-DB	ND	2000	2000	ug/Kg	10	05/09/19	CW	SW8151A
Dalapon	ND	98	98	ug/Kg	10	05/09/19	CW	SW8151A
Dicamba	ND	98	98	ug/Kg	10	05/09/19	CW	SW8151A
Dichloroprop	ND	200	200	ug/Kg	10	05/09/19	CW	SW8151A
Dinoseb	ND	200	200	ug/Kg	10	05/09/19	CW	SW8151A
QA/QC Surrogates								
% DCAA	41			%	10	05/09/19	CW	30 - 150 %
% DCAA (Confirmation)	44			%	10	05/09/19	CW	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	79	79	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1221	ND	79	79	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1232	ND	79	79	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1242	ND	79	79	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1248	ND	79	79	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1254	ND	79	79	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1260	ND	79	79	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1262	ND	79	79	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1268	ND	79	79	ug/Kg	2	05/10/19	SC	SW8082A
QA/QC Surrogates								
% DCBP	74			%	2	05/10/19	SC	40 - 140 %
% DCBP (Confirmation)	69			%	2	05/10/19	SC	40 - 140 %
% TCMX	71			%	2	05/10/19	SC	40 - 140 %
% TCMX (Confirmation)	66			%	2	05/10/19	SC	40 - 140 %
Pesticides - Soil								
4,4' -DDD	47	2.4	2.4	ug/Kg	2	05/10/19	CW	SW8081B
4,4' -DDE	140	24	24	ug/Kg	20	05/10/19	CW	SW8081B
4,4' -DDT	5.4	2.4	2.4	ug/Kg	2	05/10/19	CW	SW8081B
a-BHC	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	05/10/19	CW	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	05/10/19	CW	SW8081B
b-BHC	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B
Chlordane	ND	39	39	ug/Kg	2	05/10/19	CW	SW8081B
d-BHC	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	05/10/19	CW	SW8081B
Endosulfan I	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B
Endosulfan II	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B
Endosulfan sulfate	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B
Endrin	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B
Endrin aldehyde	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B
Endrin ketone	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	05/10/19	CW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
g-Chlordane	ND	3.9	3.9	ug/Kg	2	05/10/19	CW	SW8081B	
Heptachlor	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B	
Heptachlor epoxide	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B	
Methoxychlor	ND	39	39	ug/Kg	2	05/10/19	CW	SW8081B	
Toxaphene	ND	160	160	ug/Kg	2	05/10/19	CW	SW8081B	
QA/QC Surrogates									
% DCBP	77			%	2	05/10/19	CW	30 - 150 %	
% DCBP (Confirmation)	54			%	2	05/10/19	CW	30 - 150 %	
% TCMX	64			%	2	05/10/19	CW	30 - 150 %	
% TCMX (Confirmation)	62			%	2	05/10/19	CW	30 - 150 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1-Dichloroethane	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1-Dichloroethene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1-Dichloropropene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dibromoethane	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dichloroethane	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dichloropropane	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,3-Dichloropropane	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
2,2-Dichloropropane	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
2-Chlorotoluene	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
2-Hexanone	ND	29	5.9	ug/Kg	1	05/08/19	JLI	SW8260C	
2-Isopropyltoluene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	1
4-Chlorotoluene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND	29	5.9	ug/Kg	1	05/08/19	JLI	SW8260C	
Acetone	ND	29	5.9	ug/Kg	1	05/08/19	JLI	SW8260C	
Acrylonitrile	ND	12	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Benzene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromobenzene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromochloromethane	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromodichloromethane	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromoform	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromomethane	ND	5.9	2.4	ug/Kg	1	05/08/19	JLI	SW8260C	
Carbon Disulfide	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Carbon tetrachloride	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Chlorobenzene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Chloroethane	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Chloroform	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Chloromethane	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
cis-1,2-Dichloroethene	7.3		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Dibromochloromethane	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Dibromomethane	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Ethylbenzene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Hexachlorobutadiene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Isopropylbenzene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
m&p-Xylene	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND		35	5.9	ug/Kg	1	05/08/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		12	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Methylene chloride	ND		5.9	5.9	ug/Kg	1	05/08/19	JLI	SW8260C	
Naphthalene	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
n-Butylbenzene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
n-Propylbenzene	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
o-Xylene	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
p-Isopropyltoluene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
sec-Butylbenzene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Styrene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
tert-Butylbenzene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Tetrachloroethene	27		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		12	2.9	ug/Kg	1	05/08/19	JLI	SW8260C	1
Toluene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		12	2.9	ug/Kg	1	05/08/19	JLI	SW8260C	
Trichloroethene	1.5	J	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Trichlorofluoromethane	1.3	J	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Vinyl chloride	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	1	05/08/19	JLI	70 - 130 %	
% Bromofluorobenzene	98				%	1	05/08/19	JLI	70 - 130 %	
% Dibromofluoromethane	101				%	1	05/08/19	JLI	70 - 130 %	
% Toluene-d8	98				%	1	05/08/19	JLI	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		270	140	ug/Kg	1	05/08/19	WB	SW8270D	
1,2,4-Trichlorobenzene	ND		270	120	ug/Kg	1	05/08/19	WB	SW8270D	
1,2-Dichlorobenzene	ND		270	110	ug/Kg	1	05/08/19	WB	SW8270D	
1,2-Diphenylhydrazine	ND		270	130	ug/Kg	1	05/08/19	WB	SW8270D	
1,3-Dichlorobenzene	ND		270	120	ug/Kg	1	05/08/19	WB	SW8270D	
1,4-Dichlorobenzene	ND		270	120	ug/Kg	1	05/08/19	WB	SW8270D	
2,4,5-Trichlorophenol	ND		270	210	ug/Kg	1	05/08/19	WB	SW8270D	
2,4,6-Trichlorophenol	ND		200	130	ug/Kg	1	05/08/19	WB	SW8270D	
2,4-Dichlorophenol	ND		200	140	ug/Kg	1	05/08/19	WB	SW8270D	
2,4-Dimethylphenol	ND		270	97	ug/Kg	1	05/08/19	WB	SW8270D	
2,4-Dinitrophenol	ND		270	270	ug/Kg	1	05/08/19	WB	SW8270D	

Project ID: IPARK 0118.31
Client ID: C-3 3-6` 050719

Phoenix I.D.: CD08554

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrotoluene	ND	200	150	ug/Kg	1	05/08/19	WB	SW8270D	
2,6-Dinitrotoluene	ND	200	120	ug/Kg	1	05/08/19	WB	SW8270D	
2-Chloronaphthalene	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
2-Chlorophenol	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
2-Methylnaphthalene	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	05/08/19	WB	SW8270D	
2-Nitroaniline	ND	270	270	ug/Kg	1	05/08/19	WB	SW8270D	
2-Nitrophenol	ND	270	250	ug/Kg	1	05/08/19	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	05/08/19	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	200	180	ug/Kg	1	05/08/19	WB	SW8270D	
3-Nitroaniline	ND	390	780	ug/Kg	1	05/08/19	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	230	78	ug/Kg	1	05/08/19	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	05/08/19	WB	SW8270D	
4-Chloroaniline	ND	310	180	ug/Kg	1	05/08/19	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
4-Nitroaniline	ND	390	130	ug/Kg	1	05/08/19	WB	SW8270D	
4-Nitrophenol	ND	390	180	ug/Kg	1	05/08/19	WB	SW8270D	
Acenaphthene	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Acenaphthylene	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Acetophenone	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Aniline	ND	310	310	ug/Kg	1	05/08/19	WB	SW8270D	
Anthracene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benz(a)anthracene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benzidine	ND	390	230	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(a)pyrene	ND	200	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(ghi)perylene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benzoic acid	ND	2000	780	ug/Kg	1	05/08/19	WB	SW8270D	
Benzyl butyl phthalate	ND	270	100	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	200	110	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Carbazole	ND	200	160	ug/Kg	1	05/08/19	WB	SW8270D	
Chrysene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Dibenz(a,h)anthracene	ND	200	130	ug/Kg	1	05/08/19	WB	SW8270D	
Dibenzofuran	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Diethyl phthalate	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Dimethylphthalate	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Di-n-butylphthalate	ND	270	100	ug/Kg	1	05/08/19	WB	SW8270D	
Di-n-octylphthalate	ND	270	100	ug/Kg	1	05/08/19	WB	SW8270D	
Fluoranthene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Fluorene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachlorobenzene	ND	200	110	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachlorobutadiene	ND	270	140	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachloroethane	ND	200	120	ug/Kg	1	05/08/19	WB	SW8270D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Isophorone	ND	200	110	ug/Kg	1	05/08/19	WB	SW8270D	
Naphthalene	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Nitrobenzene	ND	200	140	ug/Kg	1	05/08/19	WB	SW8270D	
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	05/08/19	WB	SW8270D	
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	05/08/19	WB	SW8270D	
Pentachloronitrobenzene	ND	270	150	ug/Kg	1	05/08/19	WB	SW8270D	
Pentachlorophenol	ND	230	150	ug/Kg	1	05/08/19	WB	SW8270D	
Phenanthrene	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Phenol	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Pyrene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Pyridine	ND	270	96	ug/Kg	1	05/08/19	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	89			%	1	05/08/19	WB	30 - 130 %	
% 2-Fluorobiphenyl	65			%	1	05/08/19	WB	30 - 130 %	
% 2-Fluorophenol	63			%	1	05/08/19	WB	30 - 130 %	
% Nitrobenzene-d5	66			%	1	05/08/19	WB	30 - 130 %	
% Phenol-d5	71			%	1	05/08/19	WB	30 - 130 %	
% Terphenyl-d14	60			%	1	05/08/19	WB	30 - 130 %	
Field Extraction	Completed					05/07/19		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
May 17, 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

May 17, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/07/19	10:21
Location Code:	WALDENE	Received by:	LB	05/07/19	17:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.31				

Laboratory Data

SDG ID: GCD08550
Phoenix ID: CD08555

Project ID: IPARK 0118.31
Client ID: C-3 6-11` 050719

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	12400	40	8.1	mg/Kg	10	05/09/19	CPP	SW6010D
Antimony	ND	4.0	4.0	mg/Kg	1	05/09/19	CPP	SW6010D
Arsenic	6.25	0.81	0.81	mg/Kg	1	05/09/19	CPP	SW6010D
Barium	61.7	0.8	0.40	mg/Kg	1	05/09/19	CPP	SW6010D
Beryllium	0.53	0.32	0.16	mg/Kg	1	05/09/19	CPP	SW6010D
Calcium	25800	40	37	mg/Kg	10	05/09/19	CPP	SW6010D
Cadmium	0.58	0.40	0.40	mg/Kg	1	05/09/19	CPP	SW6010D
Chromium	14.3	0.40	0.40	mg/Kg	1	05/09/19	CPP	SW6010D
Cobalt	10.5	0.40	0.40	mg/Kg	1	05/09/19	CPP	SW6010D
Copper	21.6	0.8	0.40	mg/kg	1	05/09/19	CPP	SW6010D
Iron	24600	40	40	mg/Kg	10	05/09/19	CPP	SW6010D
Lead	12.6	0.8	0.40	mg/Kg	1	05/09/19	CPP	SW6010D
Magnesium	16000	40	40	mg/Kg	10	05/09/19	CPP	SW6010D
Manganese	805	4.0	4.0	mg/Kg	10	05/09/19	CPP	SW6010D
Mercury	ND	0.08	0.05	mg/Kg	1	05/08/19	RS	SW7471B
Nickel	20.7	0.40	0.40	mg/Kg	1	05/09/19	CPP	SW6010D
Potassium	1210	8	3.1	mg/Kg	1	05/09/19	CPP	SW6010D
Selenium	ND	1.6	1.4	mg/Kg	1	05/09/19	CPP	SW6010D
Silver	ND	0.40	0.40	mg/Kg	1	05/09/19	CPP	SW6010D
Sodium	298	8	3.5	mg/Kg	1	05/09/19	CPP	SW6010D
Thallium	ND	1.6	1.6	mg/Kg	1	05/09/19	CPP	SW6010D
Vanadium	16.9	0.40	0.40	mg/Kg	1	05/09/19	CPP	SW6010D
Zinc	57.8	0.8	0.40	mg/Kg	1	05/09/19	CPP	SW6010D
Percent Solid	86			%		05/07/19	ML	SW846-%Solid
Soil Extraction for PCB	Completed					05/08/19	BB/V	SW3545A
Soil Extraction for Pesticides	Completed					05/08/19	BB/V	SW3545A
Soil Extraction for SVOA	Completed					05/07/19	JJ/LV	SW3545A
Mercury Digestion	Completed					05/08/19	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for Herbicide	Completed					05/07/19	C/D	SW8151A
Total Metals Digest	Completed					05/08/19	Q/AG	SW3050B
Chlorinated Herbicides								
2,4,5-T	ND	96	96	ug/Kg	10	05/09/19	CW	SW8151A
2,4,5-TP (Silvex)	ND	96	96	ug/Kg	10	05/09/19	CW	SW8151A
2,4-D	ND	190	190	ug/Kg	10	05/09/19	CW	SW8151A
2,4-DB	ND	1900	1900	ug/Kg	10	05/09/19	CW	SW8151A
Dalapon	ND	96	96	ug/Kg	10	05/09/19	CW	SW8151A
Dicamba	ND	96	96	ug/Kg	10	05/09/19	CW	SW8151A
Dichloroprop	ND	190	190	ug/Kg	10	05/09/19	CW	SW8151A
Dinoseb	ND	190	190	ug/Kg	10	05/09/19	CW	SW8151A
QA/QC Surrogates								
% DCAA	36			%	10	05/09/19	CW	30 - 150 %
% DCAA (Confirmation)	39			%	10	05/09/19	CW	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	76	76	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1221	ND	76	76	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1232	ND	76	76	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1242	ND	76	76	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1248	ND	76	76	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1254	ND	76	76	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1260	ND	76	76	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1262	ND	76	76	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1268	ND	76	76	ug/Kg	2	05/10/19	SC	SW8082A
QA/QC Surrogates								
% DCBP	61			%	2	05/10/19	SC	40 - 140 %
% DCBP (Confirmation)	58			%	2	05/10/19	SC	40 - 140 %
% TCMX	51			%	2	05/10/19	SC	40 - 140 %
% TCMX (Confirmation)	48			%	2	05/10/19	SC	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.3	2.3	ug/Kg	2	05/10/19	CW	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	05/10/19	CW	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	05/10/19	CW	SW8081B
a-BHC	ND	7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B
a-Chlordane	ND	3.8	3.8	ug/Kg	2	05/10/19	CW	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	05/10/19	CW	SW8081B
b-BHC	ND	7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B
Chlordane	ND	38	38	ug/Kg	2	05/10/19	CW	SW8081B
d-BHC	ND	7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	05/10/19	CW	SW8081B
Endosulfan I	ND	7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B
Endosulfan II	ND	7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B
Endosulfan sulfate	ND	7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B
Endrin	ND	7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B
Endrin aldehyde	ND	7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B
Endrin ketone	ND	7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	05/10/19	CW	SW8081B

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
g-Chlordane	ND		3.8	3.8	ug/Kg	2	05/10/19	CW	SW8081B	
Heptachlor	ND		7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B	
Heptachlor epoxide	ND		7.6	7.6	ug/Kg	2	05/10/19	CW	SW8081B	
Methoxychlor	ND		38	38	ug/Kg	2	05/10/19	CW	SW8081B	
Toxaphene	ND		150	150	ug/Kg	2	05/10/19	CW	SW8081B	
QA/QC Surrogates										
% DCBP	67				%	2	05/10/19	CW	30 - 150 %	
% DCBP (Confirmation)	52				%	2	05/10/19	CW	30 - 150 %	
% TCMX	49				%	2	05/10/19	CW	30 - 150 %	
% TCMX (Confirmation)	50				%	2	05/10/19	CW	30 - 150 %	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1-Dichloroethane	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1-Dichloroethene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1-Dichloropropene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	1.7	J	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dibromoethane	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dichloroethane	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dichloropropane	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	0.63	J	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,3-Dichloropropane	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
2,2-Dichloropropane	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
2-Chlorotoluene	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
2-Hexanone	ND		28	5.7	ug/Kg	1	05/08/19	JLI	SW8260C	
2-Isopropyltoluene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	1
4-Chlorotoluene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND		28	5.7	ug/Kg	1	05/08/19	JLI	SW8260C	
Acetone	20	JS	28	5.7	ug/Kg	1	05/08/19	JLI	SW8260C	
Acrylonitrile	ND		11	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Benzene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromobenzene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromochloromethane	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromodichloromethane	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromoform	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromomethane	ND		5.7	2.3	ug/Kg	1	05/08/19	JLI	SW8260C	
Carbon Disulfide	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Carbon tetrachloride	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Chlorobenzene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Chloroethane	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Chloroform	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Chloromethane	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
cis-1,2-Dichloroethene	0.70	J	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Dibromochloromethane	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Dibromomethane	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Ethylbenzene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Hexachlorobutadiene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Isopropylbenzene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
m&p-Xylene	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Methyl Ethyl Ketone	5.8	J	34	5.7	ug/Kg	1	05/08/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		11	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Methylene chloride	ND		5.7	5.7	ug/Kg	1	05/08/19	JLI	SW8260C	
Naphthalene	3.9	J	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
n-Butylbenzene	1.3	J	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
n-Propylbenzene	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
o-Xylene	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
p-Isopropyltoluene	0.99	J	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
sec-Butylbenzene	1.3	J	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Styrene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
tert-Butylbenzene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Tetrachloroethene	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		11	2.8	ug/Kg	1	05/08/19	JLI	SW8260C	1
Toluene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		11	2.8	ug/Kg	1	05/08/19	JLI	SW8260C	
Trichloroethene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Trichlorofluoromethane	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Vinyl chloride	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	104				%	1	05/08/19	JLI	70 - 130 %	
% Bromofluorobenzene	98				%	1	05/08/19	JLI	70 - 130 %	
% Dibromofluoromethane	106				%	1	05/08/19	JLI	70 - 130 %	
% Toluene-d8	98				%	1	05/08/19	JLI	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		270	130	ug/Kg	1	05/08/19	WB	SW8270D	
1,2,4-Trichlorobenzene	ND		270	120	ug/Kg	1	05/08/19	WB	SW8270D	
1,2-Dichlorobenzene	ND		270	110	ug/Kg	1	05/08/19	WB	SW8270D	
1,2-Diphenylhydrazine	ND		270	120	ug/Kg	1	05/08/19	WB	SW8270D	
1,3-Dichlorobenzene	ND		270	110	ug/Kg	1	05/08/19	WB	SW8270D	
1,4-Dichlorobenzene	ND		270	110	ug/Kg	1	05/08/19	WB	SW8270D	
2,4,5-Trichlorophenol	ND		270	210	ug/Kg	1	05/08/19	WB	SW8270D	
2,4,6-Trichlorophenol	ND		190	120	ug/Kg	1	05/08/19	WB	SW8270D	
2,4-Dichlorophenol	ND		190	130	ug/Kg	1	05/08/19	WB	SW8270D	
2,4-Dimethylphenol	ND		270	95	ug/Kg	1	05/08/19	WB	SW8270D	
2,4-Dinitrophenol	ND		270	270	ug/Kg	1	05/08/19	WB	SW8270D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	05/08/19	WB	SW8270D	
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	05/08/19	WB	SW8270D	
2-Chloronaphthalene	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
2-Chlorophenol	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
2-Methylnaphthalene	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	05/08/19	WB	SW8270D	
2-Nitroaniline	ND	270	270	ug/Kg	1	05/08/19	WB	SW8270D	
2-Nitrophenol	ND	270	240	ug/Kg	1	05/08/19	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	05/08/19	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	05/08/19	WB	SW8270D	
3-Nitroaniline	ND	380	760	ug/Kg	1	05/08/19	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	230	76	ug/Kg	1	05/08/19	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
4-Chloro-3-methylphenol	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
4-Chloroaniline	ND	310	180	ug/Kg	1	05/08/19	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
4-Nitroaniline	ND	380	130	ug/Kg	1	05/08/19	WB	SW8270D	
4-Nitrophenol	ND	380	170	ug/Kg	1	05/08/19	WB	SW8270D	
Acenaphthene	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Acenaphthylene	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Acetophenone	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Aniline	ND	310	310	ug/Kg	1	05/08/19	WB	SW8270D	
Anthracene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benz(a)anthracene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benzidine	ND	380	220	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(a)pyrene	ND	190	120	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(ghi)perylene	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benzoic acid	ND	1900	760	ug/Kg	1	05/08/19	WB	SW8270D	
Benzyl butyl phthalate	ND	270	99	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Carbazole	ND	190	150	ug/Kg	1	05/08/19	WB	SW8270D	
Chrysene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Dibenz(a,h)anthracene	ND	190	120	ug/Kg	1	05/08/19	WB	SW8270D	
Dibenzofuran	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Diethyl phthalate	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Dimethylphthalate	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Di-n-butylphthalate	ND	270	100	ug/Kg	1	05/08/19	WB	SW8270D	
Di-n-octylphthalate	ND	270	99	ug/Kg	1	05/08/19	WB	SW8270D	
Fluoranthene	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Fluorene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachlorobenzene	ND	190	110	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachlorobutadiene	ND	270	140	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachloroethane	ND	190	110	ug/Kg	1	05/08/19	WB	SW8270D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Isophorone	ND	190	110	ug/Kg	1	05/08/19	WB	SW8270D	
Naphthalene	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Nitrobenzene	ND	190	130	ug/Kg	1	05/08/19	WB	SW8270D	
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	05/08/19	WB	SW8270D	
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	05/08/19	WB	SW8270D	
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	05/08/19	WB	SW8270D	
Pentachlorophenol	ND	230	140	ug/Kg	1	05/08/19	WB	SW8270D	
Phenanthrene	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Phenol	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Pyrene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Pyridine	ND	270	94	ug/Kg	1	05/08/19	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	101			%	1	05/08/19	WB	30 - 130 %	
% 2-Fluorobiphenyl	66			%	1	05/08/19	WB	30 - 130 %	
% 2-Fluorophenol	63			%	1	05/08/19	WB	30 - 130 %	
% Nitrobenzene-d5	61			%	1	05/08/19	WB	30 - 130 %	
% Phenol-d5	69			%	1	05/08/19	WB	30 - 130 %	
% Terphenyl-d14	69			%	1	05/08/19	WB	30 - 130 %	
Field Extraction	Completed					05/07/19		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
May 17, 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

May 17, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/07/19	12:53
Location Code:	WALDENE	Received by:	LB	05/07/19	17:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.31				

Laboratory Data

SDG ID: GCD08550
Phoenix ID: CD08556

Project ID: IPARK 0118.31
Client ID: C-11 0-3` 050719

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	13300	36	7.1	mg/Kg	10	05/09/19	CPP	SW6010D
Antimony	ND	3.6	3.6	mg/Kg	1	05/09/19	CPP	SW6010D
Arsenic	8.06	0.71	0.71	mg/Kg	1	05/09/19	CPP	SW6010D
Barium	49.2	0.7	0.36	mg/Kg	1	05/09/19	CPP	SW6010D
Beryllium	0.48	0.28	0.14	mg/Kg	1	05/09/19	CPP	SW6010D
Calcium	28000	36	33	mg/Kg	10	05/09/19	CPP	SW6010D
Cadmium	0.60	0.36	0.36	mg/Kg	1	05/09/19	CPP	SW6010D
Chromium	16.3	0.36	0.36	mg/Kg	1	05/09/19	CPP	SW6010D
Cobalt	9.77	0.36	0.36	mg/Kg	1	05/09/19	CPP	SW6010D
Copper	24.4	0.7	0.36	mg/kg	1	05/09/19	CPP	SW6010D
Iron	27300	36	36	mg/Kg	10	05/09/19	CPP	SW6010D
Lead	27.0	0.7	0.36	mg/Kg	1	05/09/19	CPP	SW6010D
Magnesium	19400	36	36	mg/Kg	10	05/09/19	CPP	SW6010D
Manganese	938	3.6	3.6	mg/Kg	10	05/09/19	CPP	SW6010D
Mercury	ND	0.07	0.04	mg/Kg	1	05/08/19	RS	SW7471B
Nickel	21.0	0.36	0.36	mg/Kg	1	05/09/19	CPP	SW6010D
Potassium	1220	7	2.8	mg/Kg	1	05/09/19	CPP	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	05/09/19	CPP	SW6010D
Silver	ND	0.36	0.36	mg/Kg	1	05/09/19	CPP	SW6010D
Sodium	58	7	3.1	mg/Kg	1	05/09/19	CPP	SW6010D
Thallium	ND	1.4	1.4	mg/Kg	1	05/09/19	CPP	SW6010D
Vanadium	17.8	0.36	0.36	mg/Kg	1	05/09/19	CPP	SW6010D
Zinc	77.6	0.7	0.36	mg/Kg	1	05/09/19	CPP	SW6010D
Percent Solid	88			%		05/07/19	ML	SW846-%Solid
Soil Extraction for PCB	Completed					05/08/19	BB/V	SW3545A
Soil Extraction for Pesticides	Completed					05/08/19	BB/V	SW3545A
Soil Extraction for SVOA	Completed					05/07/19	JJ/LV	SW3545A
Mercury Digestion	Completed					05/08/19	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for Herbicide	Completed					05/07/19	C/D	SW8151A
Total Metals Digest	Completed					05/08/19	Q/AG	SW3050B
Chlorinated Herbicides								
2,4,5-T	ND	94	94	ug/Kg	10	05/08/19	CW	SW8151A
2,4,5-TP (Silvex)	ND	94	94	ug/Kg	10	05/08/19	CW	SW8151A
2,4-D	ND	190	190	ug/Kg	10	05/08/19	CW	SW8151A
2,4-DB	ND	1900	1900	ug/Kg	10	05/08/19	CW	SW8151A
Dalapon	ND	94	94	ug/Kg	10	05/08/19	CW	SW8151A
Dicamba	ND	94	94	ug/Kg	10	05/08/19	CW	SW8151A
Dichloroprop	ND	190	190	ug/Kg	10	05/08/19	CW	SW8151A
Dinoseb	ND	190	190	ug/Kg	10	05/08/19	CW	SW8151A
QA/QC Surrogates								
% DCAA	43			%	10	05/08/19	CW	30 - 150 %
% DCAA (Confirmation)	37			%	10	05/08/19	CW	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	74	74	ug/Kg	2	05/09/19	AW	SW8082A
PCB-1221	ND	74	74	ug/Kg	2	05/09/19	AW	SW8082A
PCB-1232	ND	74	74	ug/Kg	2	05/09/19	AW	SW8082A
PCB-1242	ND	74	74	ug/Kg	2	05/09/19	AW	SW8082A
PCB-1248	ND	74	74	ug/Kg	2	05/09/19	AW	SW8082A
PCB-1254	ND	74	74	ug/Kg	2	05/09/19	AW	SW8082A
PCB-1260	ND	74	74	ug/Kg	2	05/09/19	AW	SW8082A
PCB-1262	ND	74	74	ug/Kg	2	05/09/19	AW	SW8082A
PCB-1268	ND	74	74	ug/Kg	2	05/09/19	AW	SW8082A
QA/QC Surrogates								
% DCBP	53			%	2	05/09/19	AW	40 - 140 %
% DCBP (Confirmation)	50			%	2	05/09/19	AW	40 - 140 %
% TCMX	50			%	2	05/09/19	AW	40 - 140 %
% TCMX (Confirmation)	46			%	2	05/09/19	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.2	2.2	ug/Kg	2	05/09/19	CW	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	05/09/19	CW	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	05/09/19	CW	SW8081B
a-BHC	ND	7.4	7.4	ug/Kg	2	05/09/19	CW	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	05/09/19	CW	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	05/09/19	CW	SW8081B
b-BHC	ND	7.4	7.4	ug/Kg	2	05/09/19	CW	SW8081B
Chlordane	ND	37	37	ug/Kg	2	05/09/19	CW	SW8081B
d-BHC	ND	7.4	7.4	ug/Kg	2	05/09/19	CW	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	05/09/19	CW	SW8081B
Endosulfan I	ND	7.4	7.4	ug/Kg	2	05/09/19	CW	SW8081B
Endosulfan II	ND	7.4	7.4	ug/Kg	2	05/09/19	CW	SW8081B
Endosulfan sulfate	ND	7.4	7.4	ug/Kg	2	05/09/19	CW	SW8081B
Endrin	ND	7.4	7.4	ug/Kg	2	05/09/19	CW	SW8081B
Endrin aldehyde	ND	7.4	7.4	ug/Kg	2	05/09/19	CW	SW8081B
Endrin ketone	ND	7.4	7.4	ug/Kg	2	05/09/19	CW	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	05/09/19	CW	SW8081B

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
g-Chlordane	ND		3.7	3.7	ug/Kg	2	05/09/19	CW	SW8081B	
Heptachlor	ND		7.4	7.4	ug/Kg	2	05/09/19	CW	SW8081B	
Heptachlor epoxide	ND		7.4	7.4	ug/Kg	2	05/09/19	CW	SW8081B	
Methoxychlor	ND		37	37	ug/Kg	2	05/09/19	CW	SW8081B	
Toxaphene	ND		150	150	ug/Kg	2	05/09/19	CW	SW8081B	
QA/QC Surrogates										
% DCBP	59				%	2	05/09/19	CW	30 - 150 %	
% DCBP (Confirmation)	41				%	2	05/09/19	CW	30 - 150 %	
% TCMX	51				%	2	05/09/19	CW	30 - 150 %	
% TCMX (Confirmation)	48				%	2	05/09/19	CW	30 - 150 %	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1-Dichloroethane	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1-Dichloroethene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1-Dichloropropene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dibromoethane	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dichloroethane	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dichloropropane	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
1,3-Dichloropropane	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
2,2-Dichloropropane	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
2-Chlorotoluene	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
2-Hexanone	ND		28	5.7	ug/Kg	1	05/08/19	JLI	SW8260C	
2-Isopropyltoluene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	1
4-Chlorotoluene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND		28	5.7	ug/Kg	1	05/08/19	JLI	SW8260C	
Acetone	7.5	JS	28	5.7	ug/Kg	1	05/08/19	JLI	SW8260C	
Acrylonitrile	ND		11	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Benzene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromobenzene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromochloromethane	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromodichloromethane	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromoform	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromomethane	ND		5.7	2.3	ug/Kg	1	05/08/19	JLI	SW8260C	
Carbon Disulfide	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Carbon tetrachloride	ND		5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Chlorobenzene	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Chloroethane	ND		5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Chloroform	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Chloromethane	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Dibromochloromethane	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Dibromomethane	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Ethylbenzene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Hexachlorobutadiene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Isopropylbenzene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
m&p-Xylene	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND	34	5.7	ug/Kg	1	05/08/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Methylene chloride	ND	5.7	5.7	ug/Kg	1	05/08/19	JLI	SW8260C	
Naphthalene	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
n-Butylbenzene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
n-Propylbenzene	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
o-Xylene	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
p-Isopropyltoluene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
sec-Butylbenzene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Styrene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
tert-Butylbenzene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Tetrachloroethene	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	11	2.8	ug/Kg	1	05/08/19	JLI	SW8260C	1
Toluene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	11	2.8	ug/Kg	1	05/08/19	JLI	SW8260C	
Trichloroethene	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Trichlorofluoromethane	ND	5.7	1.1	ug/Kg	1	05/08/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
Vinyl chloride	ND	5.7	0.57	ug/Kg	1	05/08/19	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	105			%	1	05/08/19	JLI	70 - 130 %	
% Bromofluorobenzene	100			%	1	05/08/19	JLI	70 - 130 %	
% Dibromofluoromethane	101			%	1	05/08/19	JLI	70 - 130 %	
% Toluene-d8	99			%	1	05/08/19	JLI	70 - 130 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	05/08/19	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	05/08/19	WB	SW8270D	
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	05/08/19	WB	SW8270D	
2,4,6-Trichlorophenol	ND	180	120	ug/Kg	1	05/08/19	WB	SW8270D	
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	05/08/19	WB	SW8270D	
2,4-Dimethylphenol	ND	260	92	ug/Kg	1	05/08/19	WB	SW8270D	
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	05/08/19	WB	SW8270D	

Project ID: IPARK 0118.31
Client ID: C-11 0-3` 050719

Phoenix I.D.: CD08556

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrotoluene	ND	180	150	ug/Kg	1	05/08/19	WB	SW8270D	
2,6-Dinitrotoluene	ND	180	120	ug/Kg	1	05/08/19	WB	SW8270D	
2-Chloronaphthalene	ND	260	100	ug/Kg	1	05/08/19	WB	SW8270D	
2-Chlorophenol	ND	260	100	ug/Kg	1	05/08/19	WB	SW8270D	
2-Methylnaphthalene	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	1	05/08/19	WB	SW8270D	
2-Nitroaniline	ND	260	260	ug/Kg	1	05/08/19	WB	SW8270D	
2-Nitrophenol	ND	260	230	ug/Kg	1	05/08/19	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	05/08/19	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	05/08/19	WB	SW8270D	
3-Nitroaniline	ND	370	740	ug/Kg	1	05/08/19	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	220	74	ug/Kg	1	05/08/19	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	05/08/19	WB	SW8270D	
4-Chloroaniline	ND	300	170	ug/Kg	1	05/08/19	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
4-Nitroaniline	ND	370	120	ug/Kg	1	05/08/19	WB	SW8270D	
4-Nitrophenol	ND	370	170	ug/Kg	1	05/08/19	WB	SW8270D	
Acenaphthene	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
Acenaphthylene	ND	260	100	ug/Kg	1	05/08/19	WB	SW8270D	
Acetophenone	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Aniline	ND	300	300	ug/Kg	1	05/08/19	WB	SW8270D	
Anthracene	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Benz(a)anthracene	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Benzidine	ND	370	220	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(a)pyrene	ND	180	120	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Benzoic acid	ND	1800	740	ug/Kg	1	05/08/19	WB	SW8270D	
Benzyl butyl phthalate	ND	260	95	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	180	100	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
Carbazole	ND	180	150	ug/Kg	1	05/08/19	WB	SW8270D	
Chrysene	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	05/08/19	WB	SW8270D	
Dibenzofuran	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
Diethyl phthalate	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Dimethylphthalate	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
Di-n-butylphthalate	ND	260	98	ug/Kg	1	05/08/19	WB	SW8270D	
Di-n-octylphthalate	ND	260	95	ug/Kg	1	05/08/19	WB	SW8270D	
Fluoranthene	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Fluorene	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachlorobenzene	ND	180	110	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachlorobutadiene	ND	260	130	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachloroethane	ND	180	110	ug/Kg	1	05/08/19	WB	SW8270D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Isophorone	ND	180	100	ug/Kg	1	05/08/19	WB	SW8270D	
Naphthalene	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
Nitrobenzene	ND	180	130	ug/Kg	1	05/08/19	WB	SW8270D	
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	05/08/19	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	05/08/19	WB	SW8270D	
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	05/08/19	WB	SW8270D	
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	05/08/19	WB	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	05/08/19	WB	SW8270D	
Phenanthrene	ND	260	110	ug/Kg	1	05/08/19	WB	SW8270D	
Phenol	ND	260	120	ug/Kg	1	05/08/19	WB	SW8270D	
Pyrene	ND	260	130	ug/Kg	1	05/08/19	WB	SW8270D	
Pyridine	ND	260	91	ug/Kg	1	05/08/19	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	75			%	1	05/08/19	WB	30 - 130 %	
% 2-Fluorobiphenyl	56			%	1	05/08/19	WB	30 - 130 %	
% 2-Fluorophenol	54			%	1	05/08/19	WB	30 - 130 %	
% Nitrobenzene-d5	58			%	1	05/08/19	WB	30 - 130 %	
% Phenol-d5	60			%	1	05/08/19	WB	30 - 130 %	
% Terphenyl-d14	54			%	1	05/08/19	WB	30 - 130 %	
Field Extraction	Completed					05/07/19		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
May 17, 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

May 17, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/07/19	12:55
Location Code:	WALDENE	Received by:	LB	05/07/19	17:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.31				

Laboratory Data

SDG ID: GCD08550
Phoenix ID: CD08557

Project ID: IPARK 0118.31
Client ID: C-11 3-6` 050719

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	20600	41	8.3	mg/Kg	10	05/09/19	CPP	SW6010D
Antimony	ND	4.1	4.1	mg/Kg	1	05/09/19	CPP	SW6010D
Arsenic	6.65	0.83	0.83	mg/Kg	1	05/09/19	CPP	SW6010D
Barium	92.0	0.8	0.41	mg/Kg	1	05/09/19	CPP	SW6010D
Beryllium	0.71	0.33	0.17	mg/Kg	1	05/09/19	CPP	SW6010D
Calcium	14500	41	38	mg/Kg	10	05/09/19	CPP	SW6010D
Cadmium	0.63	0.41	0.41	mg/Kg	1	05/09/19	CPP	SW6010D
Chromium	18.7	0.41	0.41	mg/Kg	1	05/09/19	CPP	SW6010D
Cobalt	11.6	0.41	0.41	mg/Kg	1	05/09/19	CPP	SW6010D
Copper	23.1	0.8	0.41	mg/kg	1	05/09/19	CPP	SW6010D
Iron	32300	41	41	mg/Kg	10	05/09/19	CPP	SW6010D
Lead	17.3	0.8	0.41	mg/Kg	1	05/09/19	CPP	SW6010D
Magnesium	10300	41	41	mg/Kg	10	05/09/19	CPP	SW6010D
Manganese	1320	4.1	4.1	mg/Kg	10	05/09/19	CPP	SW6010D
Mercury	0.04	0.03	0.02	mg/Kg	1	05/08/19	RS	SW7471B
Nickel	23.1	0.41	0.41	mg/Kg	1	05/09/19	CPP	SW6010D
Potassium	1300	8	3.2	mg/Kg	1	05/09/19	CPP	SW6010D
Selenium	ND	1.7	1.4	mg/Kg	1	05/09/19	CPP	SW6010D
Silver	ND	0.41	0.41	mg/Kg	1	05/09/19	CPP	SW6010D
Sodium	90	8	3.5	mg/Kg	1	05/09/19	CPP	SW6010D
Thallium	ND	1.7	1.7	mg/Kg	1	05/09/19	CPP	SW6010D
Vanadium	21.9	0.41	0.41	mg/Kg	1	05/09/19	CPP	SW6010D
Zinc	74.8	0.8	0.41	mg/Kg	1	05/09/19	CPP	SW6010D
Percent Solid	83			%		05/07/19	ML	SW846-%Solid
Soil Extraction for PCB	Completed					05/08/19	BB/V	SW3545A
Soil Extraction for Pesticides	Completed					05/08/19	BB/V	SW3545A
Soil Extraction for SVOA	Completed					05/07/19	JJ/LV	SW3545A
Mercury Digestion	Completed					05/08/19	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for Herbicide	Completed					05/07/19	C/D	SW8151A
Total Metals Digest	Completed					05/08/19	Q/AG	SW3050B
Chlorinated Herbicides								
2,4,5-T	ND	100	100	ug/Kg	10	05/09/19	CW	SW8151A
2,4,5-TP (Silvex)	ND	100	100	ug/Kg	10	05/09/19	CW	SW8151A
2,4-D	ND	200	200	ug/Kg	10	05/09/19	CW	SW8151A
2,4-DB	ND	2000	2000	ug/Kg	10	05/09/19	CW	SW8151A
Dalapon	ND	100	100	ug/Kg	10	05/09/19	CW	SW8151A
Dicamba	ND	100	100	ug/Kg	10	05/09/19	CW	SW8151A
Dichloroprop	ND	200	200	ug/Kg	10	05/09/19	CW	SW8151A
Dinoseb	ND	200	200	ug/Kg	10	05/09/19	CW	SW8151A
QA/QC Surrogates								
% DCAA	34			%	10	05/09/19	CW	30 - 150 %
% DCAA (Confirmation)	36			%	10	05/09/19	CW	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	79	79	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1221	ND	79	79	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1232	ND	79	79	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1242	ND	79	79	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1248	ND	79	79	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1254	ND	79	79	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1260	ND	79	79	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1262	ND	79	79	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1268	ND	79	79	ug/Kg	2	05/10/19	SC	SW8082A
QA/QC Surrogates								
% DCBP	54			%	2	05/10/19	SC	40 - 140 %
% DCBP (Confirmation)	52			%	2	05/10/19	SC	40 - 140 %
% TCMX	51			%	2	05/10/19	SC	40 - 140 %
% TCMX (Confirmation)	47			%	2	05/10/19	SC	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.4	2.4	ug/Kg	2	05/10/19	CW	SW8081B
4,4' -DDE	7.2	2.4	2.4	ug/Kg	2	05/10/19	CW	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	05/10/19	CW	SW8081B
a-BHC	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	05/10/19	CW	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	05/10/19	CW	SW8081B
b-BHC	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B
Chlordane	ND	39	39	ug/Kg	2	05/10/19	CW	SW8081B
d-BHC	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	05/10/19	CW	SW8081B
Endosulfan I	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B
Endosulfan II	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B
Endosulfan sulfate	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B
Endrin	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B
Endrin aldehyde	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B
Endrin ketone	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	05/10/19	CW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
g-Chlordane	ND	3.9	3.9	ug/Kg	2	05/10/19	CW	SW8081B	
Heptachlor	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B	
Heptachlor epoxide	ND	7.9	7.9	ug/Kg	2	05/10/19	CW	SW8081B	
Methoxychlor	ND	39	39	ug/Kg	2	05/10/19	CW	SW8081B	
Toxaphene	ND	160	160	ug/Kg	2	05/10/19	CW	SW8081B	
QA/QC Surrogates									
% DCBP	61			%	2	05/10/19	CW	30 - 150 %	
% DCBP (Confirmation)	47			%	2	05/10/19	CW	30 - 150 %	
% TCMX	50			%	2	05/10/19	CW	30 - 150 %	
% TCMX (Confirmation)	51			%	2	05/10/19	CW	30 - 150 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1-Dichloroethane	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1-Dichloroethene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1-Dichloropropene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dibromoethane	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dichloroethane	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dichloropropane	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,3-Dichloropropane	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
2,2-Dichloropropane	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
2-Chlorotoluene	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
2-Hexanone	ND	30	5.9	ug/Kg	1	05/08/19	JLI	SW8260C	
2-Isopropyltoluene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	1
4-Chlorotoluene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND	30	5.9	ug/Kg	1	05/08/19	JLI	SW8260C	
Acetone	ND	30	5.9	ug/Kg	1	05/08/19	JLI	SW8260C	
Acrylonitrile	ND	12	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Benzene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromobenzene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromochloromethane	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromodichloromethane	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromoform	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromomethane	ND	5.9	2.4	ug/Kg	1	05/08/19	JLI	SW8260C	
Carbon Disulfide	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Carbon tetrachloride	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Chlorobenzene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Chloroethane	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Chloroform	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Chloromethane	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Dibromochloromethane	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Dibromomethane	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Ethylbenzene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Hexachlorobutadiene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Isopropylbenzene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
m&p-Xylene	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND	35	5.9	ug/Kg	1	05/08/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	12	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Methylene chloride	ND	5.9	5.9	ug/Kg	1	05/08/19	JLI	SW8260C	
Naphthalene	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
n-Butylbenzene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
n-Propylbenzene	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
o-Xylene	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
p-Isopropyltoluene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
sec-Butylbenzene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Styrene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
tert-Butylbenzene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Tetrachloroethene	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	12	3.0	ug/Kg	1	05/08/19	JLI	SW8260C	1
Toluene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	12	3.0	ug/Kg	1	05/08/19	JLI	SW8260C	
Trichloroethene	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Trichlorofluoromethane	ND	5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Vinyl chloride	ND	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	1	05/08/19	JLI	70 - 130 %	
% Bromofluorobenzene	96			%	1	05/08/19	JLI	70 - 130 %	
% Dibromofluoromethane	97			%	1	05/08/19	JLI	70 - 130 %	
% Toluene-d8	96			%	1	05/08/19	JLI	70 - 130 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	1	05/08/19	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
1,3-Dichlorobenzene	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
1,4-Dichlorobenzene	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	05/08/19	WB	SW8270D	
2,4,6-Trichlorophenol	ND	200	120	ug/Kg	1	05/08/19	WB	SW8270D	
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	05/08/19	WB	SW8270D	
2,4-Dimethylphenol	ND	270	97	ug/Kg	1	05/08/19	WB	SW8270D	
2,4-Dinitrophenol	ND	270	270	ug/Kg	1	05/08/19	WB	SW8270D	

Project ID: IPARK 0118.31
Client ID: C-11 3-6` 050719

Phoenix I.D.: CD08557

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrotoluene	ND	200	150	ug/Kg	1	05/08/19	WB	SW8270D	
2,6-Dinitrotoluene	ND	200	120	ug/Kg	1	05/08/19	WB	SW8270D	
2-Chloronaphthalene	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
2-Chlorophenol	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
2-Methylnaphthalene	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	05/08/19	WB	SW8270D	
2-Nitroaniline	ND	270	270	ug/Kg	1	05/08/19	WB	SW8270D	
2-Nitrophenol	ND	270	250	ug/Kg	1	05/08/19	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	05/08/19	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	200	180	ug/Kg	1	05/08/19	WB	SW8270D	
3-Nitroaniline	ND	390	780	ug/Kg	1	05/08/19	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	230	78	ug/Kg	1	05/08/19	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	05/08/19	WB	SW8270D	
4-Chloroaniline	ND	310	180	ug/Kg	1	05/08/19	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
4-Nitroaniline	ND	390	130	ug/Kg	1	05/08/19	WB	SW8270D	
4-Nitrophenol	ND	390	180	ug/Kg	1	05/08/19	WB	SW8270D	
Acenaphthene	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Acenaphthylene	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Acetophenone	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Aniline	ND	310	310	ug/Kg	1	05/08/19	WB	SW8270D	
Anthracene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benz(a)anthracene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benzidine	ND	390	230	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(a)pyrene	ND	200	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(ghi)perylene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benzoic acid	ND	2000	780	ug/Kg	1	05/08/19	WB	SW8270D	
Benzyl butyl phthalate	ND	270	100	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	200	110	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Carbazole	ND	200	160	ug/Kg	1	05/08/19	WB	SW8270D	
Chrysene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Dibenz(a,h)anthracene	ND	200	130	ug/Kg	1	05/08/19	WB	SW8270D	
Dibenzofuran	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Diethyl phthalate	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Dimethylphthalate	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Di-n-butylphthalate	ND	270	100	ug/Kg	1	05/08/19	WB	SW8270D	
Di-n-octylphthalate	ND	270	100	ug/Kg	1	05/08/19	WB	SW8270D	
Fluoranthene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Fluorene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachlorobenzene	ND	200	110	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachlorobutadiene	ND	270	140	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachloroethane	ND	200	120	ug/Kg	1	05/08/19	WB	SW8270D	

Project ID: IPARK 0118.31
Client ID: C-11 3-6` 050719

Phoenix I.D.: CD08557

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Isophorone	ND	200	110	ug/Kg	1	05/08/19	WB	SW8270D	
Naphthalene	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Nitrobenzene	ND	200	140	ug/Kg	1	05/08/19	WB	SW8270D	
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	05/08/19	WB	SW8270D	
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	05/08/19	WB	SW8270D	
Pentachloronitrobenzene	ND	270	150	ug/Kg	1	05/08/19	WB	SW8270D	
Pentachlorophenol	ND	230	150	ug/Kg	1	05/08/19	WB	SW8270D	
Phenanthrene	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Phenol	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Pyrene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Pyridine	ND	270	96	ug/Kg	1	05/08/19	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	69			%	1	05/08/19	WB	30 - 130 %	
% 2-Fluorobiphenyl	62			%	1	05/08/19	WB	30 - 130 %	
% 2-Fluorophenol	38			%	1	05/08/19	WB	30 - 130 %	
% Nitrobenzene-d5	60			%	1	05/08/19	WB	30 - 130 %	
% Phenol-d5	57			%	1	05/08/19	WB	30 - 130 %	
% Terphenyl-d14	63			%	1	05/08/19	WB	30 - 130 %	
Field Extraction	Completed					05/07/19		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.

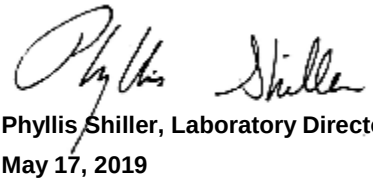
Comments:

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
May 17, 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

May 17, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/07/19	13:00
Location Code:	WALDENE	Received by:	LB	05/07/19	17:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	IPARK0118.31				

Laboratory Data

SDG ID: GCD08550
Phoenix ID: CD08558

Project ID: IPARK 0118.31
Client ID: C-11 6-11` 050719

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Aluminum	19400	39	7.9	mg/Kg	10	05/09/19	CPP	SW6010D
Antimony	ND	3.9	3.9	mg/Kg	1	05/09/19	CPP	SW6010D
Arsenic	6.71	0.79	0.79	mg/Kg	1	05/09/19	CPP	SW6010D
Barium	76.9	0.8	0.39	mg/Kg	1	05/09/19	CPP	SW6010D
Beryllium	0.76	0.31	0.16	mg/Kg	1	05/09/19	CPP	SW6010D
Calcium	1040	3.9	3.6	mg/Kg	1	05/09/19	CPP	SW6010D
Cadmium	0.65	0.39	0.39	mg/Kg	1	05/09/19	CPP	SW6010D
Chromium	17.2	0.39	0.39	mg/Kg	1	05/09/19	CPP	SW6010D
Cobalt	12.7	0.39	0.39	mg/Kg	1	05/09/19	CPP	SW6010D
Copper	22.6	0.8	0.39	mg/kg	1	05/09/19	CPP	SW6010D
Iron	31800	39	39	mg/Kg	10	05/09/19	CPP	SW6010D
Lead	16.6	0.8	0.39	mg/Kg	1	05/09/19	CPP	SW6010D
Magnesium	5560	3.9	3.9	mg/Kg	1	05/09/19	CPP	SW6010D
Manganese	902	3.9	3.9	mg/Kg	10	05/09/19	CPP	SW6010D
Mercury	0.04	0.03	0.02	mg/Kg	1	05/08/19	RS	SW7471B
Nickel	23.4	0.39	0.39	mg/Kg	1	05/09/19	CPP	SW6010D
Potassium	1100	8	3.1	mg/Kg	1	05/09/19	CPP	SW6010D
Selenium	ND	1.6	1.3	mg/Kg	1	05/09/19	CPP	SW6010D
Silver	ND	0.39	0.39	mg/Kg	1	05/09/19	CPP	SW6010D
Sodium	45	8	3.4	mg/Kg	1	05/09/19	CPP	SW6010D
Thallium	ND	1.6	1.6	mg/Kg	1	05/09/19	CPP	SW6010D
Vanadium	23.7	0.39	0.39	mg/Kg	1	05/09/19	CPP	SW6010D
Zinc	66.5	0.8	0.39	mg/Kg	1	05/09/19	CPP	SW6010D
Percent Solid	86			%		05/07/19	ML	SW846-%Solid
Soil Extraction for PCB	Completed					05/08/19	BB/V	SW3545A
Soil Extraction for Pesticides	Completed					05/08/19	BB/V	SW3545A
Soil Extraction for SVOA	Completed					05/07/19	JJ/LV	SW3545A
Mercury Digestion	Completed					05/08/19	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for Herbicide	Completed					05/07/19	C/D	SW8151A
Total Metals Digest	Completed					05/08/19	Q/AG	SW3050B
Chlorinated Herbicides								
2,4,5-T	ND	95	95	ug/Kg	10	05/09/19	CW	SW8151A
2,4,5-TP (Silvex)	ND	95	95	ug/Kg	10	05/09/19	CW	SW8151A
2,4-D	ND	190	190	ug/Kg	10	05/09/19	CW	SW8151A
2,4-DB	ND	1900	1900	ug/Kg	10	05/09/19	CW	SW8151A
Dalapon	ND	95	95	ug/Kg	10	05/09/19	CW	SW8151A
Dicamba	ND	95	95	ug/Kg	10	05/09/19	CW	SW8151A
Dichloroprop	ND	190	190	ug/Kg	10	05/09/19	CW	SW8151A
Dinoseb	ND	190	190	ug/Kg	10	05/09/19	CW	SW8151A
QA/QC Surrogates								
% DCAA	40			%	10	05/09/19	CW	30 - 150 %
% DCAA (Confirmation)	41			%	10	05/09/19	CW	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	77	77	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1221	ND	77	77	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1232	ND	77	77	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1242	ND	77	77	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1248	ND	77	77	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1254	ND	77	77	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1260	ND	77	77	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1262	ND	77	77	ug/Kg	2	05/10/19	SC	SW8082A
PCB-1268	ND	77	77	ug/Kg	2	05/10/19	SC	SW8082A
QA/QC Surrogates								
% DCBP	62			%	2	05/10/19	SC	40 - 140 %
% DCBP (Confirmation)	57			%	2	05/10/19	SC	40 - 140 %
% TCMX	61			%	2	05/10/19	SC	40 - 140 %
% TCMX (Confirmation)	56			%	2	05/10/19	SC	40 - 140 %
Pesticides - Soil								
4,4' -DDD	69	2.3	2.3	ug/Kg	2	05/10/19	CW	SW8081B
4,4' -DDE	120	23	23	ug/Kg	20	05/10/19	CW	SW8081B
4,4' -DDT	9.5	2.3	2.3	ug/Kg	2	05/10/19	CW	SW8081B
a-BHC	ND	7.7	7.7	ug/Kg	2	05/10/19	CW	SW8081B
a-Chlordane	ND	3.8	3.8	ug/Kg	2	05/10/19	CW	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	05/10/19	CW	SW8081B
b-BHC	ND	7.7	7.7	ug/Kg	2	05/10/19	CW	SW8081B
Chlordane	ND	38	38	ug/Kg	2	05/10/19	CW	SW8081B
d-BHC	ND	7.7	7.7	ug/Kg	2	05/10/19	CW	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	05/10/19	CW	SW8081B
Endosulfan I	ND	7.7	7.7	ug/Kg	2	05/10/19	CW	SW8081B
Endosulfan II	ND	7.7	7.7	ug/Kg	2	05/10/19	CW	SW8081B
Endosulfan sulfate	ND	7.7	7.7	ug/Kg	2	05/10/19	CW	SW8081B
Endrin	ND	7.7	7.7	ug/Kg	2	05/10/19	CW	SW8081B
Endrin aldehyde	ND	7.7	7.7	ug/Kg	2	05/10/19	CW	SW8081B
Endrin ketone	ND	7.7	7.7	ug/Kg	2	05/10/19	CW	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	05/10/19	CW	SW8081B

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
g-Chlordane	ND		3.8	3.8	ug/Kg	2	05/10/19	CW	SW8081B	
Heptachlor	ND		7.7	7.7	ug/Kg	2	05/10/19	CW	SW8081B	
Heptachlor epoxide	ND		7.7	7.7	ug/Kg	2	05/10/19	CW	SW8081B	
Methoxychlor	ND		38	38	ug/Kg	2	05/10/19	CW	SW8081B	
Toxaphene	ND		150	150	ug/Kg	2	05/10/19	CW	SW8081B	
QA/QC Surrogates										
% DCBP	69				%	2	05/10/19	CW	30 - 150 %	
% DCBP (Confirmation)	51				%	2	05/10/19	CW	30 - 150 %	
% TCMX	61				%	2	05/10/19	CW	30 - 150 %	
% TCMX (Confirmation)	57				%	2	05/10/19	CW	30 - 150 %	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1-Dichloroethane	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1-Dichloroethene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,1-Dichloropropene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	0.98	J	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dibromoethane	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dichloroethane	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,2-Dichloropropane	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
1,3-Dichloropropane	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
2,2-Dichloropropane	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
2-Chlorotoluene	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
2-Hexanone	ND		29	5.9	ug/Kg	1	05/08/19	JLI	SW8260C	
2-Isopropyltoluene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	1
4-Chlorotoluene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND		29	5.9	ug/Kg	1	05/08/19	JLI	SW8260C	
Acetone	52	S	29	5.9	ug/Kg	1	05/08/19	JLI	SW8260C	
Acrylonitrile	ND		12	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Benzene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromobenzene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromochloromethane	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromodichloromethane	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromoform	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Bromomethane	ND		5.9	2.3	ug/Kg	1	05/08/19	JLI	SW8260C	
Carbon Disulfide	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Carbon tetrachloride	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Chlorobenzene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Chloroethane	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Chloroform	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Chloromethane	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Dibromochloromethane	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Dibromomethane	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Ethylbenzene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Hexachlorobutadiene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Isopropylbenzene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
m&p-Xylene	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Methyl Ethyl Ketone	23	J	35	5.9	ug/Kg	1	05/08/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		12	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Methylene chloride	ND		5.9	5.9	ug/Kg	1	05/08/19	JLI	SW8260C	
Naphthalene	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
n-Butylbenzene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
n-Propylbenzene	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
o-Xylene	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
p-Isopropyltoluene	0.75	J	5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
sec-Butylbenzene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Styrene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
tert-Butylbenzene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Tetrachloroethene	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		12	2.9	ug/Kg	1	05/08/19	JLI	SW8260C	1
Toluene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		12	2.9	ug/Kg	1	05/08/19	JLI	SW8260C	
Trichloroethene	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Trichlorofluoromethane	ND		5.9	1.2	ug/Kg	1	05/08/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
Vinyl chloride	ND		5.9	0.59	ug/Kg	1	05/08/19	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	96				%	1	05/08/19	JLI	70 - 130 %	
% Bromofluorobenzene	91				%	1	05/08/19	JLI	70 - 130 %	
% Dibromofluoromethane	102				%	1	05/08/19	JLI	70 - 130 %	
% Toluene-d8	95				%	1	05/08/19	JLI	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		270	130	ug/Kg	1	05/08/19	WB	SW8270D	
1,2,4-Trichlorobenzene	ND		270	120	ug/Kg	1	05/08/19	WB	SW8270D	
1,2-Dichlorobenzene	ND		270	110	ug/Kg	1	05/08/19	WB	SW8270D	
1,2-Diphenylhydrazine	ND		270	120	ug/Kg	1	05/08/19	WB	SW8270D	
1,3-Dichlorobenzene	ND		270	110	ug/Kg	1	05/08/19	WB	SW8270D	
1,4-Dichlorobenzene	ND		270	110	ug/Kg	1	05/08/19	WB	SW8270D	
2,4,5-Trichlorophenol	ND		270	210	ug/Kg	1	05/08/19	WB	SW8270D	
2,4,6-Trichlorophenol	ND		190	120	ug/Kg	1	05/08/19	WB	SW8270D	
2,4-Dichlorophenol	ND		190	130	ug/Kg	1	05/08/19	WB	SW8270D	
2,4-Dimethylphenol	ND		270	95	ug/Kg	1	05/08/19	WB	SW8270D	
2,4-Dinitrophenol	ND		270	270	ug/Kg	1	05/08/19	WB	SW8270D	

Project ID: IPARK 0118.31
Client ID: C-11 6-11` 050719

Phoenix I.D.: CD08558

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	05/08/19	WB	SW8270D	
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	05/08/19	WB	SW8270D	
2-Chloronaphthalene	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
2-Chlorophenol	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
2-Methylnaphthalene	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	05/08/19	WB	SW8270D	
2-Nitroaniline	ND	270	270	ug/Kg	1	05/08/19	WB	SW8270D	
2-Nitrophenol	ND	270	240	ug/Kg	1	05/08/19	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	05/08/19	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	05/08/19	WB	SW8270D	
3-Nitroaniline	ND	380	760	ug/Kg	1	05/08/19	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	230	76	ug/Kg	1	05/08/19	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
4-Chloro-3-methylphenol	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
4-Chloroaniline	ND	310	180	ug/Kg	1	05/08/19	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
4-Nitroaniline	ND	380	130	ug/Kg	1	05/08/19	WB	SW8270D	
4-Nitrophenol	ND	380	170	ug/Kg	1	05/08/19	WB	SW8270D	
Acenaphthene	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Acenaphthylene	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Acetophenone	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Aniline	ND	310	310	ug/Kg	1	05/08/19	WB	SW8270D	
Anthracene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benz(a)anthracene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benzidine	ND	380	220	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(a)pyrene	ND	190	120	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(ghi)perylene	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Benzoic acid	ND	1900	760	ug/Kg	1	05/08/19	WB	SW8270D	
Benzyl butyl phthalate	ND	270	98	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Carbazole	ND	190	150	ug/Kg	1	05/08/19	WB	SW8270D	
Chrysene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Dibenz(a,h)anthracene	ND	190	120	ug/Kg	1	05/08/19	WB	SW8270D	
Dibenzofuran	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Diethyl phthalate	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Dimethylphthalate	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Di-n-butylphthalate	ND	270	100	ug/Kg	1	05/08/19	WB	SW8270D	
Di-n-octylphthalate	ND	270	98	ug/Kg	1	05/08/19	WB	SW8270D	
Fluoranthene	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Fluorene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachlorobenzene	ND	190	110	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachlorobutadiene	ND	270	140	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Hexachloroethane	ND	190	110	ug/Kg	1	05/08/19	WB	SW8270D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Isophorone	ND	190	110	ug/Kg	1	05/08/19	WB	SW8270D	
Naphthalene	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Nitrobenzene	ND	190	130	ug/Kg	1	05/08/19	WB	SW8270D	
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	05/08/19	WB	SW8270D	
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	05/08/19	WB	SW8270D	
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	05/08/19	WB	SW8270D	
Pentachlorophenol	ND	230	140	ug/Kg	1	05/08/19	WB	SW8270D	
Phenanthrene	ND	270	110	ug/Kg	1	05/08/19	WB	SW8270D	
Phenol	ND	270	120	ug/Kg	1	05/08/19	WB	SW8270D	
Pyrene	ND	270	130	ug/Kg	1	05/08/19	WB	SW8270D	
Pyridine	ND	270	94	ug/Kg	1	05/08/19	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	90			%	1	05/08/19	WB	30 - 130 %	
% 2-Fluorobiphenyl	57			%	1	05/08/19	WB	30 - 130 %	
% 2-Fluorophenol	44			%	1	05/08/19	WB	30 - 130 %	
% Nitrobenzene-d5	45			%	1	05/08/19	WB	30 - 130 %	
% Phenol-d5	59			%	1	05/08/19	WB	30 - 130 %	
% Terphenyl-d14	64			%	1	05/08/19	WB	30 - 130 %	
Field Extraction	Completed					05/07/19		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
May 17, 2019
Official Report Release To Follow

Sample Criteria Exceedances Report

GCD08550 - WALDENE

Criteria: NY: 375, 375IND, 375NR, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CD08552	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	30.7	0.36	30	30	mg/Kg
CD08553	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	8.4	2.3	3.3	3.3	ug/Kg
CD08554	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	5.4	2.4	3.3	3.3	ug/Kg
CD08554	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	140	24	3.3	3.3	ug/Kg
CD08554	$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	47	2.4	3.3	3.3	ug/Kg
CD08557	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	7.2	2.4	3.3	3.3	ug/Kg
CD08558	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	52	29	50	50	ug/Kg
CD08558	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	9.5	2.3	3.3	3.3	ug/Kg
CD08558	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	120	23	3.3	3.3	ug/Kg
CD08558	$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	69	2.3	3.3	3.3	ug/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 ☐ No ☐ Coolant: IPK ☐ ICE ☑ No ☐
Temp 2.4 °C Pg 1 of 1

Contact Options:
☑ Phone: 516-624-7200
☐ Fax:
☑ Email: NBrew@walden-associates.com

Customer: Walden Environmental Engineering
Address: 16 Spring Street
Oyster Bay, N.Y. 11771
Sampling@: 2010 N.Y. Route 52, Bldg 330D, Hopewell Junction, N.Y. 12533

Project: iPark 018.1931
Report to: Nora Brew, P.E. @
Invoice to: "
QUOTE # :
Project P.O: See project

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification
Sampler's Signature: [signature] Date: 5/7/19

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	Pesticides 8081B	Herbicides 8151A	PCBs 8082A	TAL Metals 6010	GL Amber 8 oz. w/HSPO4	Soil VOA Vials [ ] methanol [ ] H2O Encore	GL Soil container (4) oz	GL Soil container (8) 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 w/o
08550	*C-1-0-3-050719	S	5/7/19	0914	✓	✓	✓	✓	✓	✓		2	1	2								
08551	*C-1-3-6-050719	S	5/7/19	0920	✓	✓	✓	✓	✓	✓		2	1	2								
08552	*C-1-6-11-050719	S	5/7/19	0928	✓	✓	✓	✓	✓	✓		2	1	2								
08553	C-3-0-3-050719	S	5/7/19	1000	✓	✓	✓	✓	✓	✓		2	1	2								
08554	C-3-3-6-050719	S	5/7/19	1017	✓	✓	✓	✓	✓	✓		2	1	2								
08555	C-3-6-11-050719	S	5/7/19	1021	✓	✓	✓	✓	✓	✓		2	1	2								
08556	C-11-0-3-050719	S	5/7/19	1253	✓	✓	✓	✓	✓	✓		2	1	2								
08557	C-11-3-6-050719	S	5/7/19	1255	✓	✓	✓	✓	✓	✓		2	1	2								
08558	C-11-6-11-050719	S	5/7/19	1300	✓	✓	✓	✓	✓	✓		2	1	2								
08559	*C-14-0-3-050719	S	5/7/19	1405	✓	✓	✓	✓	✓	✓		2	1	2								
	*C-14-3-6-050719	S	↓	1410	✓	✓	✓	✓	✓	✓		2	1	2								
08560	*C-14-6-11-050719	S		1415	✓	✓	✓	✓	✓	✓		2	1	2								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5/7/19	1430
[signature]	[signature]	5/7/19	17:20

Turnaround:
☐ 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
☑ 375SCO Unrestricted Soil
☑ 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? N.Y.

Comments, Special Requirements or Regulations:
NYSDEC CAT B Deliverable
*HOLD Samples C-1 & C-14 for analysis until told to run

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

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

Bobbi Aloisa

From: Michael Lapman
Sent: Wednesday, May 15, 2019 4:44 PM
To: Bobbi Aloisa
Subject: Walden--Activate

Bobbi:

Please activate the following samples with a 48-hour TAT. Thank you.

CD08550
CD08551
CD08552

Regards,
Michael Lapman
Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
Manchester, CT 06040
Direct Line: 917.449.0850
Laboratory: 860.812.0086
www.phoenixlabs.com