



**Phase II Environmental Site Assessment Report**

**FOR**

**140 and 148-150 Westchester Ave.  
Port Chester, New York 10573**

**Prepared For:**

**St. Katherine Group**

**and**

**Port Chester OZ Fund III QOZB, LLC**

**181 Westchester Ave. Suite 301a**

**Port Chester, New York 10573**

**Prepared By:**

**SESI CONSULTING ENGINEERS**

**12A Maple Avenue**

**Pine Brook, New Jersey 07058**

**DATE:**

**June 2021**

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**Fuad Dahan, P.E.**

**NY Lic. No. 090531**

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## **1.0 INTRODUCTION**

SESI Consulting Engineers (SESI) has prepared this Phase II Environmental Site Assessment (Phase II ESA) on behalf of the Requestor, St. Katherine Group and Port Chester OZ Fund QOZB, LLC, for an approximately 0.80-acre property located at 140 and 148-150 Westchester Avenue, Port Chester, New York ("Site"). **Figure 1.1** presents a Site Location Plan. The Site consists of various commercial/residential properties with reported historic Site uses that include auto repair, hand laundry, jeweler, upholsterer, and paint storage. The Site improvements were reportedly constructed between 1885 and 1966 in several phases. **Figure 1.2** presents a Site Plan.

This report complies with the 2015 American Society for Testing and Materials standard (ASTM E1903).

SESI collected soil, soil vapor, and groundwater samples to further investigate Recognized Environmental Concerns (RECs) at the Site as identified in the prior environmental investigations.

### **1.1 RECOGNIZED ENVIRONMENTAL CONCERNS**

SESI conducted a Phase I ESA investigation that identified the following RECs:

#### **REC-1 DUMPSTER**

During the Site inspection, SESI observed a dumpster in the back of the parking lot behind the retail stores. This dumpster is located on a concrete pad and no staining was noted in or around this dumpster. Further investigation of REC-1 is not warranted.

#### **REC-2 FILLED STORMWATER DRAIN**

During the Site inspection, SESI observed one (1) stormwater grate filled in with soil and grass. Staining or signs of discharge were not observed in the vicinity of the stormwater drain. Further investigation of REC-2 is not warranted.

#### **REC-3 STORMWATER DRAIN IN PARKING LOT (BLOCK 2, LOT 65)**

During the Site inspection, SESI observed two (2) stormwater grates in the vacant parking lot. Based on the former use of the property and a parking lot that could have received various petroleum products from the parked cars, further investigation of REC-3 is warranted.

#### **REC-4 TYPICAL BOILER UNIT**

During the Site inspection, SESI observed boiler units in two (2) of the buildings, and based on permits, there are additional units in the private apartments in the upper floors. The boiler units are contained inside the buildings and are currently powered by natural gas. Based on the locations and the natural gas supply, it unlikely these could impact environmental conditions at the Site. However, it was noted that one building had a soil floor in the basement. Due to the age of the building, further investigation is warranted.

#### **REC-5 POLE MOUNTED ELECTRICAL TRANSFORMER**

During the Site inspection, SESI observed one (1) pole-mounted transformer located off-Site to the north of the property. Staining or signs of discharge were not observed in the vicinity of the transformer. Further investigation of AOC/REC-5 is not warranted.

The following BERs have been identified:

#### **BER-1 ASBESTOS CONTAINING MATERIALS (ACM)**

ACM surveying was not included in SESI's scope of work; however, based on the age of the facility, ACM are likely to be present on the Site. SESI recommends a complete ACM inspection and quantification of universal wastes.

#### **BER-2 LEAD BASED PAINT (LBP)**

LBP screening was not conducted as part of this scope of work. Based on the age of the structure present on Site, the possibility of the presence of LBP cannot be ruled out. SESI recommends a complete LBP inspection and a quantification of universal wastes.

The following HRECs have been identified:

#### **HREC-1 FORMER TIN SHOP, BLACKSMITH AND CARPET CLEANING**

During the review of the Sanborn Maps, a tin shop, blacksmith, and carpet cleaning business were identified in one building (no longer at the Site) that operated on Lot 17 at the southwest corner of the property. As these operations may have affected the soil and groundwater at the Site, further investigation of this HREC is warranted.

#### **HREC-2 FORMER PAINTING SHOP/WAREHOUSE**

During the review of the Sanborn Maps, a painting shop and warehouse were identified to have operated on Lot 65 of the Site. This commercial site stored, sold and may have mixed hazardous chemicals (paints) that may have affected the soil and groundwater at the Site. Also due to the age of the facility, it is possible that lead paint was stored and sold at this facility. Further investigation is warranted.

## 1.2 SITE SETTINGS

The Site consists of two lots (Block 2: Lot 17 and 65); Lot 17 is a rectangular parcel that is approximately 6,250-sq-ft, and Lot 65 is an approximately 13,500-sq-ft L-shaped rectangular parcel.

Block 2, Lot 17 is improved by three (3) buildings and a parking lot, as follows:

- A one (1) story commercial building (Keyman Locksmith)
- A three (3) story commercial/residential apartment building (Digital Photo Graphics and New Generation Beauty Salon)
- A three (3) story commercial/residential apartment building (Dream Nail Salon)
- A parking lot is located to the rear of the buildings

The entirety of the lot (18,400 square feet (sq ft)), is covered in either structures or asphalt pavement. The buildings cover approximately 16,800 sq ft, and the asphalt covers approximately 1,600 sq ft.

Block 2, Lot 65 is approximately 13,500 sq ft and is improved with an asphalt parking lot. There are currently no buildings on this lot.

A Site Location Map is presented as **Figure 1.1**, and a Site Plan showing the two lots and RECs is included as **Figure 1.2**.

## 2.0 SUBSURFACE INVESTIGATION

The SESI field work was conducted on May 24, 2021 and May 25, 2021.

### 2.2 SOIL BORING AND TEMPORARY WELL POINT INSTALLATION

A total of ten (10) soil borings and two (2) temporary wells were advanced using a direct push Geoprobe® rig. A total of fourteen (14) soil samples were collected from ten (10) soil borings, and two (2) groundwater samples were collected from two (2) temporary wells and analyzed for various parameters. SESI samples were analyzed at Alpha Analytical (Alpha), a New York State Department of Environmental Conservation (NYSDEC) ELAP-certified laboratory. The soil boring and temporary well locations are depicted on **Figure 2.1**. The soil samples were collected from varying depths based on field screening, which includes screening with a Photo Iodization Detector (PID), visual observations, and olfactory observations. Soil descriptions are provided on the boring logs presented in **Appendix B**. All soil samples were named based on their respective soil boring number and specified depth. **Table 2.1** below, presents a summary of the borings conducted and the samples collected.

**Table 2.1 - Summary of Sample Collection Depths**

Boring/Sample Location:	Sample Location and Purpose	Matrix	Depths (ft bgs)
B-1	Block: 2, Lot 17 Geotechnical	Soil	0.5-1.0
B-1	Block: 2, Lot 17 Geotechnical	Soil	5.5-6.0
B-2	Block: 2, Lot 17 Geotechnical	Soil	1.0-1.5
B-3	Block: 2, Lot 17 HREC-1	Soil	3-3.5
B-4	Block: 2, Lot 17 HREC-1	Soil	2-2.5
B-4	Block: 2, Lot 17 HREC-1	Soil	8-8.5
B-4	Block: 2, Lot 17 HREC-1	Soil	11.5-12.0
B-5	Block: 2, Lot 65 HREC-2	Soil	1.0-1.5
B-6	Block: 2, Lot 65 REC-3	Soil	1.5-2.0
B-6	Block: 2, Lot 65 REC-3	Soil	8.5-9.0
B-7	Block: 2, Lot 65 HREC-2	Soil	3.0-3.5
B-8	Block: 2, Lot 65 HREC-2	Soil	4.0-4.5
B-9	Block: 2, Lot 65 HREC-2	Soil	1.0-1.5
B-10	Block: 2, Lot 65 HREC-2	Soil	2.0-2.5
SOIL	Block: 2 Lot: 17 REC-4	Soil	0-0.5
SOIL	Block: 2 Lot: 17 REC-4	Soil	0.5-1.0
TW-1	Block: 2, Lot 65 HREC-2	Groundwater	
TW-2	Block: 2, Lot 65 REC 3	Groundwater	

Notes:

B = Geoprobe Boring Location  
 TW = Temporary Well  
 ft = feet  
 bgs = below ground surface

### 3.0 ANALYTICAL RESULTS

#### 3.1 SOIL INVESTIGATION RESULTS

In total, fourteen (14) soil samples were collected from ten (10) borings as listed in **Table 2.1** and shown on **Figure 2.1**. The soil sample locations were distributed based on the RECs identified in the Phase I ESA of the Site conducted by SESI. The soil sample depths were selected based on the field screening, which includes visual and olfactory observations and scanning with a PID. The soil samples were sent to Alpha under chain-of-custody (COC) and analyzed for analyses of the complete TCL+30/TAL suite (Target Compound List +30 TICs/Target Analyte List) which includes total volatile organic Compounds (VOCs), base neutral acid extractables (BNAs), TAL metals (23 metals + cyanide), pesticides, and polychlorinated biphenyls (PCBs). In addition, all were analyzed for 1,4-dioxane and per- and polyfluoroalkyl substances (PFAS). The soil sample locations and a summary of the results are shown on **Figure 3.1**. **Tables 3.1, 3.2 and 3.3** below, contain the analytical results compared with their respective NYSDEC, Commercial Restricted use Criteria per 6 NYCRR Part 375 (RESC), Residential Restricted use Criteria per 6 NYCRR Part 375 (RESR), Residential Restricted use Criteria per 6 NYCRR Part 375 (RESRR), and Unrestricted use Criteria Criteria per 6 NYCRR Part 375 (UNRES). A complete table of the analytical results and the laboratory reports for the soil samples are included in **Appendix B**.

No volatile organic compounds (VOCs) or polychlorinated biphenyls (PCBs) were identified in any sample collected exceeding any of the NYSDEC standards.

As shown on **Table 3.1** below, pesticides were identified at concentrations exceeding their UNRES standards in sample B-9 (1-1.5) including 4,4'-DDE and 4,4'-DDT.

**Table 3.1 - Summary of Pesticides Exceedances of the NYSDEC Standards**

LOCATION SAMPLING DATE SAMPLE DEPTH (ft.)	NY- RESC	NY- RESR	NY- RESRR	NY- UNRES	B-9 (1-1.5)
					5/25/2021
					1.0-1.5
	mg/kg	mg/kg	mg/kg	mg/kg	Results (mg/kg)
4,4'-DDE	62	1.8	8.9	0.0033	0.00457
4,4'-DDT	47	1.7	7.9	0.0033	0.00651

Note: Yellow highlight denotes exceedance of NYSDEC UNRES  
 Orange highlight denoted exceedance of NYSDEC RESR and/or RESRR  
 Red highlight denotes exceedance of NYSDEC RESC  
 ND: Not Detected

As shown in **Table 3.2** below, SVOCs were identified at concentrations exceeding their RESC, RESR, RESRR, and UNRES standards in samples collected from B-1, and B-5 including Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Dibenz(a,h)anthracene, Indeno[1,2,3-cd]pyrene, and Chrysene.

**Table 3.2 - Summary of SVOC Exceedances of the NYSDEC Standards**

LOCATION	NY- RESC	NY- RESR	NY- RESRR	NY- UNRES	B-1 (0.5-1.0)	B-5 (1-1.15)
					5/24/2021	5/25/2021
SAMPLING DATE					0.5-1.0	1.0-1.5
SAMPLE DEPTH (ft.)					Results (mg/kg)	Results (mg/kg)
	mg/kg	mg/kg	mg/kg	mg/kg		
Benzo(a)anthracene	5.6	1	1	1	2	8E
Benzo(a)pyrene	1	1	1	1	1.8	7.5
Benzo(b)fluoranthene	5.6	1	1	1	2.7	11E
Benzo(k)fluoranthene	56	1	3.9	0.8	0.91	1.9
Chrysene	56	1	3.9	1	2.4	7.3
Dibenzo(a,h)anthracene	0.56	0.33	0.33	0.33	0.26J	1.1
Indeno(1,2,3-cd)pyrene	5.6	0.5	0.5	0.5	1.4	4.7

LOCATION	NY-RESC	NY-RESR	NY- RESRR	NY- UNRES	B-5 (1-1.15)*
					5/25/2021
SAMPLING DATE					1.0-1.5
SAMPLE DEPTH (ft.)					Results
	mg/kg	mg/kg	mg/kg	mg/kg	
Benzo(a)anthracene	5.6	1	1	1	8.9
Benzo(b)fluoranthene	5.6	1	1	1	11

Note: Yellow highlight denotes exceedance of NYSDEC RRSCO  
 Orange highlight denoted exceedance of NYSDEC RESR and/or RESRR  
 Red highlight denotes exceedance of NYSDEC RESC  
 ND: Not Detected  
 J: Estimate concentration is below RL but above MDL  
 E: Sample concentration exceeded calibration range  
 \* Sample was re-analyzed due to exceedance of calibration range

As shown in **Table 3.3** below, several metals were identified at concentrations exceeding their RESC, RESR, RESRR, and UNRES in samples collected from B-2, B-3, B-4, B-5, B-6, B-7, B-8, B-9, B-10 and SOIL (0-6”) and SOIL (6-12”). These include copper, lead, mercury, nickel, and zinc. The lead exceedances ranged from 109 mg/kg to 317 mg/kg, exceeding the NYSDEC UNRES of 63 mg/kg. The mercury exceedances ranged from 0.293 mg/kg to 1.07 mg/kg, exceeding the NYSDEC UNRES of 0.18 mg/kg and the RESR and RESRR of 0.81 mg/kg.



**Table 3.3: Summary of Metals Exceedances of the NYSDEC Standards**

LOCATION	NY-RESC	NY-RESR	NY-RESRR	NY-UNRES	B-2 (1.0-1.5)	B-3 (3-3.5)	B-4 (2-2.5)	B-5 (1-1.15)	B-6 (1.5-2.0)	B-6 (8.5-9.0)
SAMPLING DATE					5/24/2021	5/24/2021	5/24/2021	5/25/2021	5/25/2021	5/25/2021
SAMPLE DEPTH (ft.)					1.0-1.5	3.0-3.5	2.0-2.5	1.0-1.5	1.5-2.0	8.5-9.0
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)
Copper, Total	270	270	270	50	44.7	58.8	24.4	22.4	49.7	22.4
Lead, Total	1000	400	400	63	317	15.5	265	230	109	9.22
Mercury, Total	2.8	0.81	0.81	0.18	1.63	ND	1.9	0.161	0.112	ND
Nickel, Total	310	140	310	30	21.7	23.4	19.9	15.1	37.2	31.6
Zinc, Total	10000	2200	10000	109	278	95.5	114	187	148	81.8

LOCATION	NY-RESC	NY-RESR	NY-RESRR	NY-UNRES	B-7 (3-3.5)	B-8 (4-4.5)	B-9 (1-1.5)	B-10 (2-2.5)	SOIL (0-6")	SOIL (6-12")
SAMPLING DATE					5/25/2021	5/25/2021	5/25/2021	5/25/2021	5/25/2021	5/25/2021
SAMPLE DEPTH (ft.)					3.0-3.5	4.0-4.5	1.0-1.5	2.0-2.5	0.0-0.5	0.5-1.0
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)	Results (mg/kg)
Copper, Total	270	270	270	50	38.8	39.2	97.7	54.9	72.6	28.5
Lead, Total	1000	400	400	63	60	292	161	12.3	148	29.8
Mercury, Total	2.8	0.81	0.81	0.18	0.566	1.07	0.293	ND	0.694	0.514
Nickel, Total	310	140	310	30	22.5	16.5	62	23.8	38.6	10
Zinc, Total	10000	2200	10000	109	117	139	192	72.4	237	53.4

Note: Yellow highlight denotes exceedance of NYSDEC RRSCO  
 Orange highlight denoted exceedance of NYSDEC RESR and/or RESRR  
 Red highlight denotes exceedance of NYSDEC RESC  
 ND: Not Detected

### 3.2 GROUNDWATER INVESTIGATION RESULTS

Groundwater samples were collected from two (2) temporary monitoring wells (TW-1, and TW-2). All of the groundwater samples were sent to Alpha for TCL/TAL+30 and PFAS analyses.

A groundwater sample location and a summary of the results is shown in **Figure 3.2**. **Table 3.4** below presents the groundwater compared to their NYSDEC Technical and Operational Guidance Series ,1.1.1 (TOGS) Class GA ambient water quality standards (AWQS). A complete table of the analytical results and the laboratory reports for the groundwater samples is included electronically in **Appendix B**.

As shown on **Table 3.4** below, numerous VOCs, SVOCs, and/or metals, were detected in the samples collected at concentrations exceeding their AWQS.

Sample TW-1, which was located in the location of the paint shop/warehouse, exhibited the highest concentration of contaminants. Lower concentrations of VOCs were detected in TW-2,

which was installed to address potential impacts associated with the storm water drain. The type of VOCs identified in excess of their AWQS in the Site groundwater were chlorinated solvents.

Total metals concentration in excess of NYSDEC Class GA AWQS were identified in both temporary well samples. The constituents and concentrations of the exceedances, with the exception of lead, are likely indicative of background concentrations. Total lead (unfiltered samples) was detected above the Class GA AWQS in samples TW-1 and TW-2. SVOC impacts are most likely due to the parking lot and from run off from vehicles. . VOCs detected at the Site include PCE, and associated breakdown products, including TCE, cis-1,2 dichloroethene and vinyl chloride.

PFAS concentrations in excess of NYSDEC October 2020 Guidance Values were not identified in either of the temporary well point samples.

**Table 3.4 - Summary of Exceedances of the Class GA AWQS**

LOCATION		TW-1	TW-2
SAMPLING DATE		5/25/2021	5/25/2021
LAB SAMPLE ID		L2127741-10	L2127741-11
SAMPLE TYPE		WATER	WATER
NY-AWQS		Results (ug/l)	Results (ug/l)
<b>Semivolatile Organics by GC/MS-SIM</b>			
	Benzo(a)anthracene	0.002	0.06J
	Benzo(a)pyrene	0	0.05J
	Benzo(b)fluoranthene	0.002	0.07J
	Benzo(k)fluoranthene	0.002	0.02J
	Chrysene	0.002	0.05J
	Indeno(1,2,3-cd)pyrene	0.002	0.04J
<b>Total Metals</b>			
	Iron, Total	300	25700
	Lead, Total	25	110
	Magnesium, Total	35000	3553
	Manganese, Total	300	3553
	Sodium, Total	20000	95400
<b>Volatile Organics by GC/MS</b>			
	Tetrachloroethene	5	1300
	Vinyl chloride	2	2.4J
	Trichloroethene	5	260
	cis-1,2-Dichloroethene	5	100

Note: Yellow highlight denotes exceedance of NYSDEC Class GA AWQS  
 ND = Not Detected  
 A = Not Analyzed  
 D = Sample required dilution  
 J = Estimated Concentration

## 4.0 CONCLUSIONS AND RECOMMENDATIONS

The Site's historic uses and the investigation results indicate evidence of discharges of chlorinated solvents in the groundwater and SVOCs, metals, and pesticides in soil. Additional investigation and eventually remediation of the identified discharges should be completed before the development on the Site.

VOCs, SVOCs, and metals impacts exceeding the NYSDEC Standards were detected in soil in and possibly in proximity of the former paint shop/warehouse. Also, metals and SVOCs impacts exceeding the NYSDEC Standards were identified in soil samples across the Site. In addition, one sample (B-9) had slight exceedances to the NYSDEC UNRES standards.

VOC and SVOC impacts exceeding the NYSDEC Class GA AWQS were detected in groundwater samples possibly in the proximity of the former on-Site paint shop and stormwater drain. VOCs detected at the Site in exceedance of the NYSDEC standards, include PCE, and associated breakdown products, including TCE, cis-1,2 dichloroethene and vinyl chloride. Metals and SVOCs impacts exceeding the NYSDEC Class GA AWQS were identified in both temporary well point TW-1 and TW-2. The constituents and concentrations of the exceedances, with the exception of lead and copper, are likely indicative of background concentrations. PFAS impacts exceeding the NYSDEC October 2020 guidance values were not identified in either of the temporary well points.

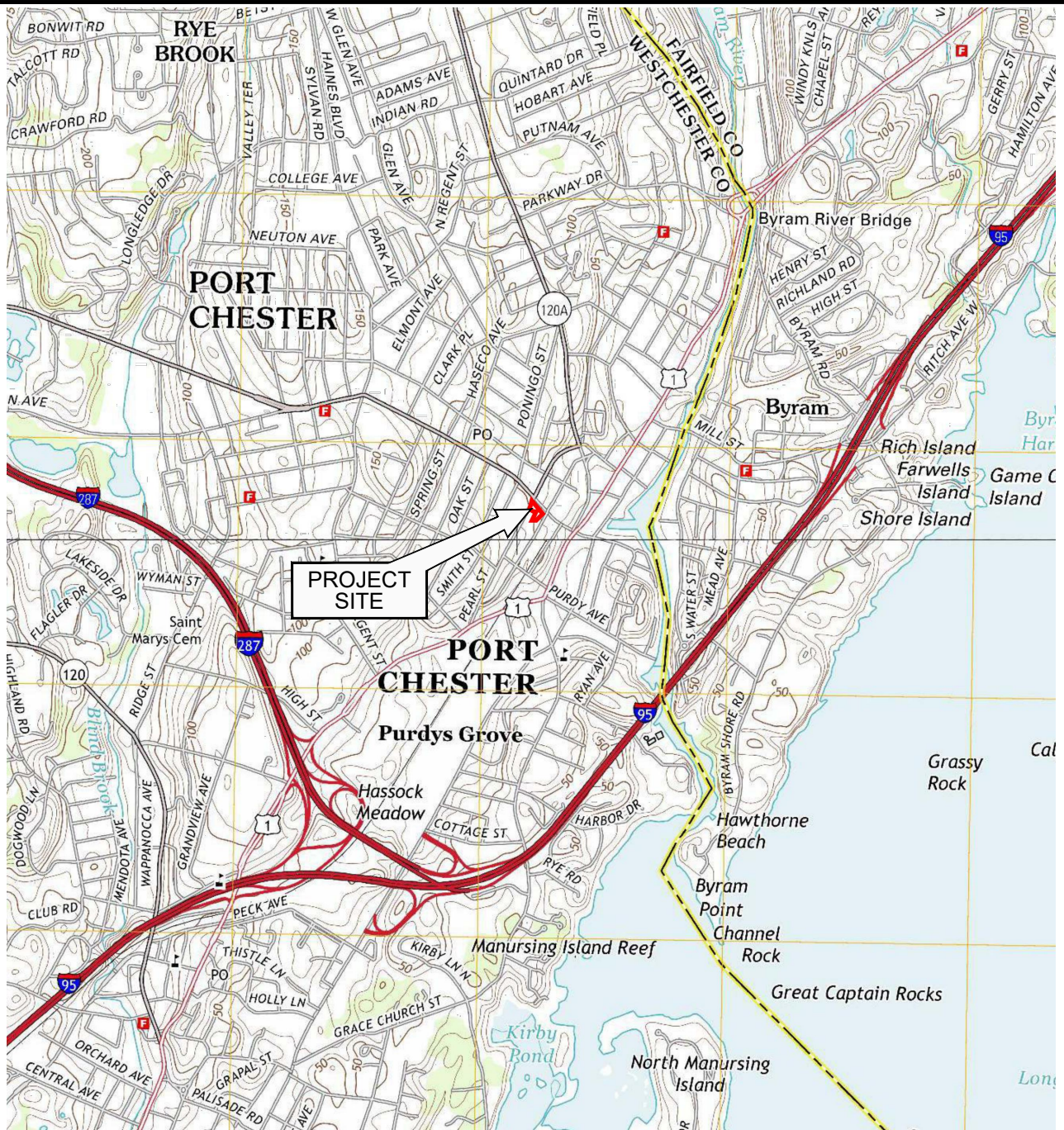
The type of contaminant that exceeded the NYSDEC standards in soil and groundwater may be a result of discharges from Site historic activities. Additional investigation is required to determine the limit of the VOCs, SVOCs, and metals impacts to soil and groundwater. Step-out investigation is required to complete the delineation of the reported exceedances. Based on the additional investigation, a remedial action should be prepared to remediate the impacted areas prior to any development.

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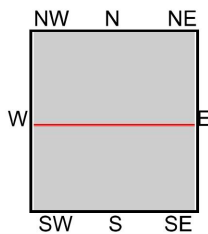
## FIGURES

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N:\ACAD\11895\11895 - FIG-1 - SITE LOCATION MAP.DWG 06/17/21 09:16:56AM, jenny, LAYOUT:FIG-1.1



This report includes information from the following map sheet(s).



TP, Glenville, 2012, 7.5-minute  
 S, Mamaroneck, 2013, 7.5-minute



PHASE II INVESTIGATION  
 140, 148-150 WESTCHESTER AVENUE  
 PORT CHESTER, NEW YORK 10573

SITE LOCATION MAP

**SESI**  
 CONSULTING  
 ENGINEERS

SOILS / FOUNDATIONS  
 SITE DESIGN  
 ENVIRONMENTAL

12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

FIG-1.1

DRAWN BY: yy  
 CHECKED BY: RW  
 SCALE: N.T.S.  
 DATE: 06/17/2021  
 JOB NO.: 11895

N:\ACAD\11895\11895 FIG-1.3 REC LOCATION PLAN.DWG 06/17/21 03:48:48PM, jenny, LAYOUT: FIG-1.3



**LEGEND:**

----- PROPERTY BOUNDARY

NYS Education Law  
Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

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REFERENCE  
SITE SURVEY PREPARED BY RICHARD J. DOMATO, DATED MARCH 5, 2021.

**NOTE:**  
THIS PLAN IS FOR LOCATING SAMPLES ONLY.  
OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.

dwg by: yy  
chk by: FL  
scale: N.T.S.  
date: 06/17/2021

**SESI**  
CONSULTING  
ENGINEERS  
SOILS / FOUNDATIONS  
SITE DESIGN  
ENVIRONMENTAL

12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

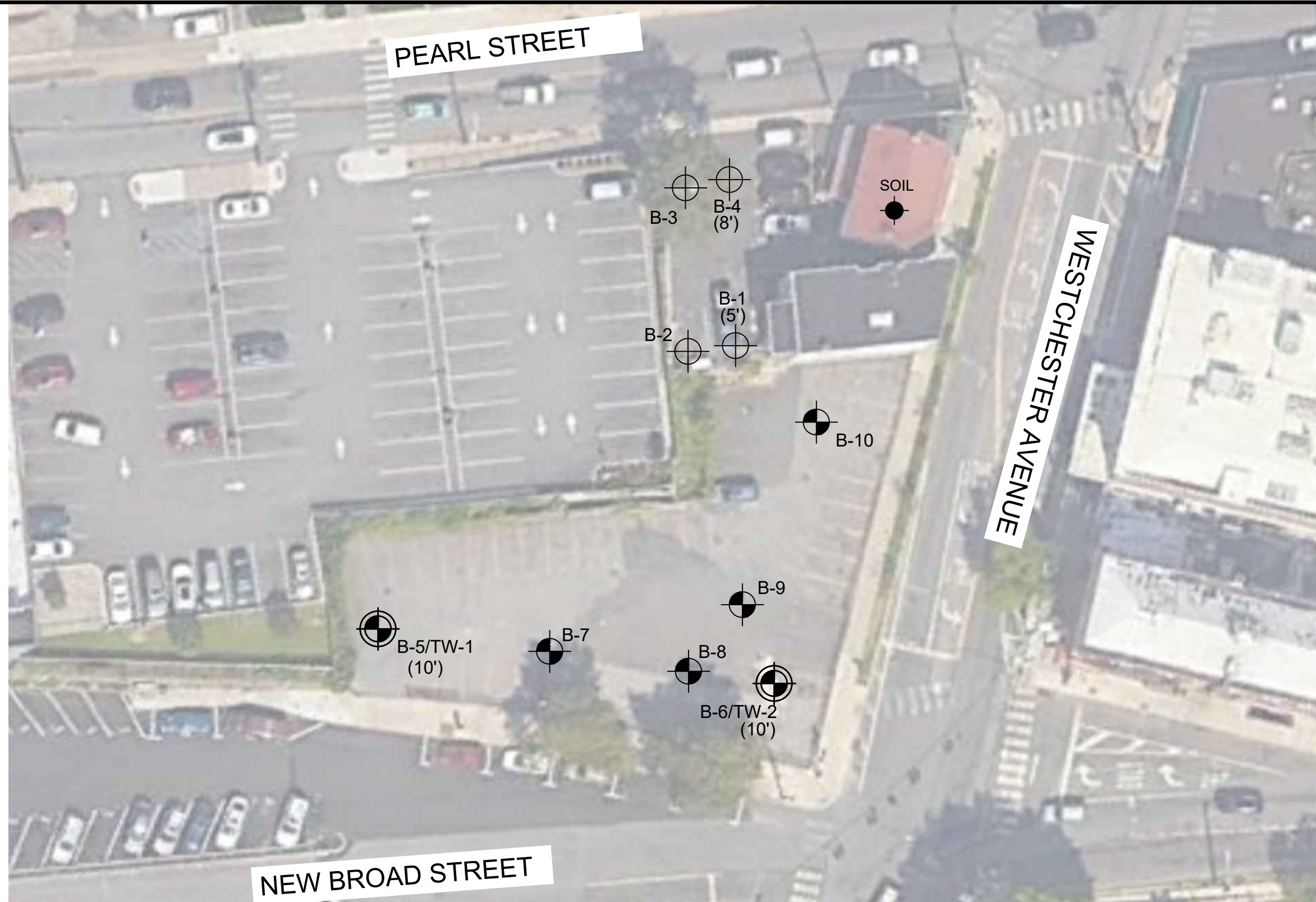
project:  
PHASE II INVESTIGATION  
140, 148-150 WESTCHESTER AVENUE  
PORT CHESTER, NEW YORK 10573

title:  
SITE AND REC LOCATION PLAN

job no: 11895  
drawing no:

**FIG-1.2**

N:\ACAD\11895\11895 FIG-3.1 AND 3.2.DWG 06/17/21 03:49:12PM, Jenny, LAYOUT: FIG-3.1



**LEGEND:**

- B-8 - SOIL SAMPLE NUMBER & APPROX. LOCATION
- B-1 - SOIL BORING AND GEOTECH BORING NUMBER & APPROX. LOCATION
- SOIL/TEMPORARY WELL POINT NUMBER & APPROX. LOCATION
- MB-6/TW-2 - SOIL BORING/GEOTECH BORING AND TEMPORARY WELL NUMBER & APPROX. LOCATION
- (5') - APPROXIMATE ROCK CORE DEPTH IN FEET

NYS Education Law  
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**REFERENCE**  
 SITE SURVEY PREPARED BY RICHARD J. DOMATO, DATED MARCH 5, 2021.

NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.  
 NY-RESR: New York NYCRR Part 375 Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.  
 NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.  
 NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

dwg by: yy  
 chk by: FL  
 scale: N.T.S.  
 date: 06/17/2021

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 SOILS / FOUNDATIONS  
 SITE DESIGN  
 ENVIRONMENTAL

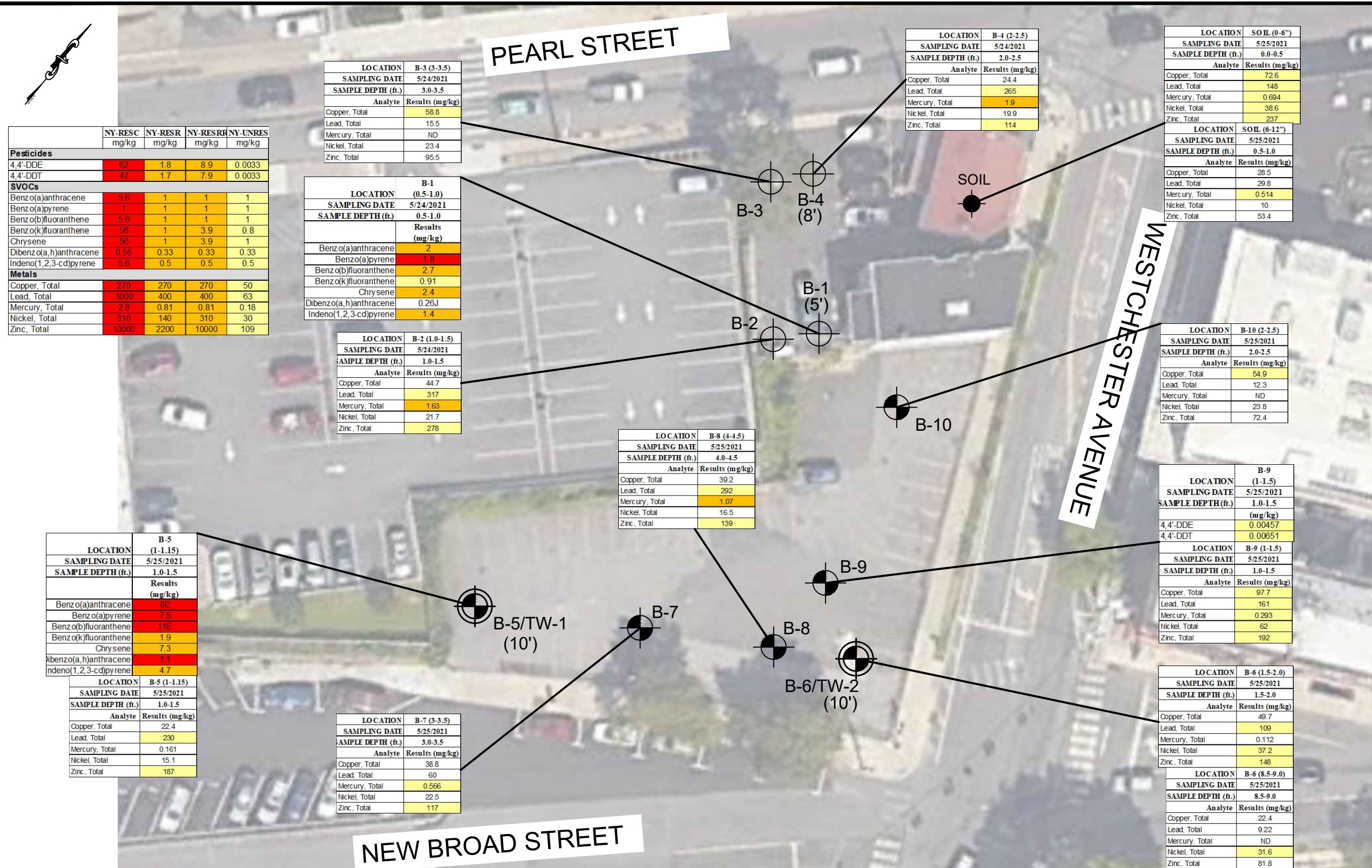
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

project: PHASE II INVESTIGATION  
 140, 148-150 WESTCHESTER AVENUE  
 PORT CHESTER, NEW YORK 10573  
 title: SAMPLE LOCATION PLAN

job no: 11895  
 drawing no:

**FIG-2.1**

N:\ACAD\11895\11895 FIG-3.1 AND 3.2.DWG 06/17/21 03:49:12PM, Jenny, LAYOUT: FIG-3.1



	NY-RESC	NY-RESR	NY-RESRR	NY-UNRES
	mg/kg	mg/kg	mg/kg	mg/kg
<b>Pesticides</b>				
4,4'-DDE	62	1.8	8.9	0.0033
4,4'-DDT	47	1.7	7.9	0.0033
<b>SVOCs</b>				
Benzo(a)anthracene	5.6	1	1	1
Benzo(a)pyrene	1	1	1	1
Benzo(b)fluoranthene	5.6	1	1	1
Benzo(k)fluoranthene	5.6	1	3.9	0.8
Chrysene	5.6	1	3.9	1
Dibenzo(a,h)anthracene	0.56	0.33	0.33	0.33
Indeno(1,2,3-cd)pyrene	5.6	0.5	0.5	0.5
<b>Metals</b>				
Copper, Total	270	270	270	50
Lead, Total	1000	400	400	63
Mercury, Total	2.8	0.81	0.81	0.18
Nickel, Total	310	140	310	30
Zinc, Total	10000	2200	10000	109

LOCATION	B-3 (3-3.5)
SAMPLING DATE	5/24/2021
SAMPLE DEPTH (ft.)	3.0-3.5
Analyte	Results (mg/kg)
Copper, Total	58.8
Lead, Total	15.5
Mercury, Total	ND
Nickel, Total	23.4
Zinc, Total	95.5

LOCATION	B-1 (0.5-1.0)
SAMPLING DATE	5/24/2021
SAMPLE DEPTH (ft.)	0.5-1.0
Analyte	Results (mg/kg)
Benzo(a)anthracene	2
Benzo(a)pyrene	1.8
Benzo(b)fluoranthene	2.7
Benzo(k)fluoranthene	0.91
Chrysene	2.4
Dibenzo(a,h)anthracene	0.26J
Indeno(1,2,3-cd)pyrene	1.4

LOCATION	B-2 (1.0-1.5)
SAMPLING DATE	5/24/2021
SAMPLE DEPTH (ft.)	1.0-1.5
Analyte	Results (mg/kg)
Copper, Total	44.7
Lead, Total	317
Mercury, Total	1.63
Nickel, Total	21.7
Zinc, Total	278

LOCATION	B-8 (4-4.5)
SAMPLING DATE	5/25/2021
SAMPLE DEPTH (ft.)	4.0-4.5
Analyte	Results (mg/kg)
Copper, Total	39.2
Lead, Total	292
Mercury, Total	1.07
Nickel, Total	16.5
Zinc, Total	139

LOCATION	B-5 (1-1.15)
SAMPLING DATE	5/25/2021
SAMPLE DEPTH (ft.)	1.0-1.5
Analyte	Results (mg/kg)
Benzo(a)anthracene	8E
Benzo(a)pyrene	7.5
Benzo(b)fluoranthene	11E
Benzo(k)fluoranthene	1.9
Chrysene	7.3
Dibenzo(a,h)anthracene	1.1
Indeno(1,2,3-cd)pyrene	4.7

LOCATION	B-5 (1-1.15)
SAMPLING DATE	5/25/2021
SAMPLE DEPTH (ft.)	1.0-1.5
Analyte	Results (mg/kg)
Copper, Total	22.4
Lead, Total	230
Mercury, Total	0.161
Nickel, Total	15.1
Zinc, Total	187

LOCATION	B-7 (3-3.5)
SAMPLING DATE	5/25/2021
SAMPLE DEPTH (ft.)	3.0-3.5
Analyte	Results (mg/kg)
Copper, Total	38.8
Lead, Total	60
Mercury, Total	0.566
Nickel, Total	22.5
Zinc, Total	117

LOCATION	B-4 (2-2.5)
SAMPLING DATE	5/24/2021
SAMPLE DEPTH (ft.)	2.0-2.5
Analyte	Results (mg/kg)
Copper, Total	24.4
Lead, Total	265
Mercury, Total	1.9
Nickel, Total	19.9
Zinc, Total	114

LOCATION	SOIL (0-6")
SAMPLING DATE	5/25/2021
SAMPLE DEPTH (ft.)	0.0-0.5
Analyte	Results (mg/kg)
Copper, Total	72.6
Lead, Total	148
Mercury, Total	0.694
Nickel, Total	38.6
Zinc, Total	237

LOCATION	SOIL (6-12")
SAMPLING DATE	5/25/2021
SAMPLE DEPTH (ft.)	0.5-1.0
Analyte	Results (mg/kg)
Copper, Total	28.5
Lead, Total	29.8
Mercury, Total	0.514
Nickel, Total	10
Zinc, Total	53.4

LOCATION	B-10 (2-2.5)
SAMPLING DATE	5/25/2021
SAMPLE DEPTH (ft.)	2.0-2.5
Analyte	Results (mg/kg)
Copper, Total	54.9
Lead, Total	12.3
Mercury, Total	ND
Nickel, Total	23.8
Zinc, Total	72.4

LOCATION	B-9 (1-1.5)
SAMPLING DATE	5/25/2021
SAMPLE DEPTH (ft.)	1.0-1.5
Analyte	Results (mg/kg)
4,4'-DDE	0.00457
4,4'-DDT	0.00651

LOCATION	B-9 (1-1.5)
SAMPLING DATE	5/25/2021
SAMPLE DEPTH (ft.)	1.0-1.5
Analyte	Results (mg/kg)
Copper, Total	97.7
Lead, Total	161
Mercury, Total	0.293
Nickel, Total	62
Zinc, Total	192

LOCATION	B-6 (1.5-2.0)
SAMPLING DATE	5/25/2021
SAMPLE DEPTH (ft.)	1.5-2.0
Analyte	Results (mg/kg)
Copper, Total	49.7
Lead, Total	109
Mercury, Total	0.112
Nickel, Total	37.2
Zinc, Total	148

LOCATION	B-6 (8.5-9.0)
SAMPLING DATE	5/25/2021
SAMPLE DEPTH (ft.)	8.5-9.0
Analyte	Results (mg/kg)
Copper, Total	22.4
Lead, Total	9.22
Mercury, Total	ND
Nickel, Total	31.6
Zinc, Total	81.8

**LEGEND:**

- B-8 - SOIL SAMPLE NUMBER & APPROX. LOCATION
- B-1 - SOIL BORING AND GEOTECH BORING NUMBER & APPROX. LOCATION
- SOIL/TEMPORARY WELL POINT NUMBER & APPROX. LOCATION

- MB-6/TW-2 - SOIL BORING/GEOTECH BORING AND TEMPORARY WELL NUMBER & APPROX. LOCATION
- (5') - APPROXIMATE ROCK CORE DEPTH IN FEET

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**REFERENCE**  
 SITE SURVEY PREPARED BY RICHARD J. DOMATO, DATED MARCH 5, 2021.

NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.  
 NY-RESR: New York NYCRR Part 375 Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.  
 NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.  
 NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

dwg by: yy  
 chk by: FL  
 scale: N.T.S.  
 date: 06/17/2021

SOILS / FOUNDATIONS  
 SITE DESIGN  
 ENVIRONMENTAL

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12A MAPLE AVE, PINE BROOK, N.J. 07068 PH: 973-808-9050

project: PHASE II INVESTIGATION  
 140, 148-150 WESTCHESTER AVENUE  
 PORT CHESTER, NEW YORK 10573

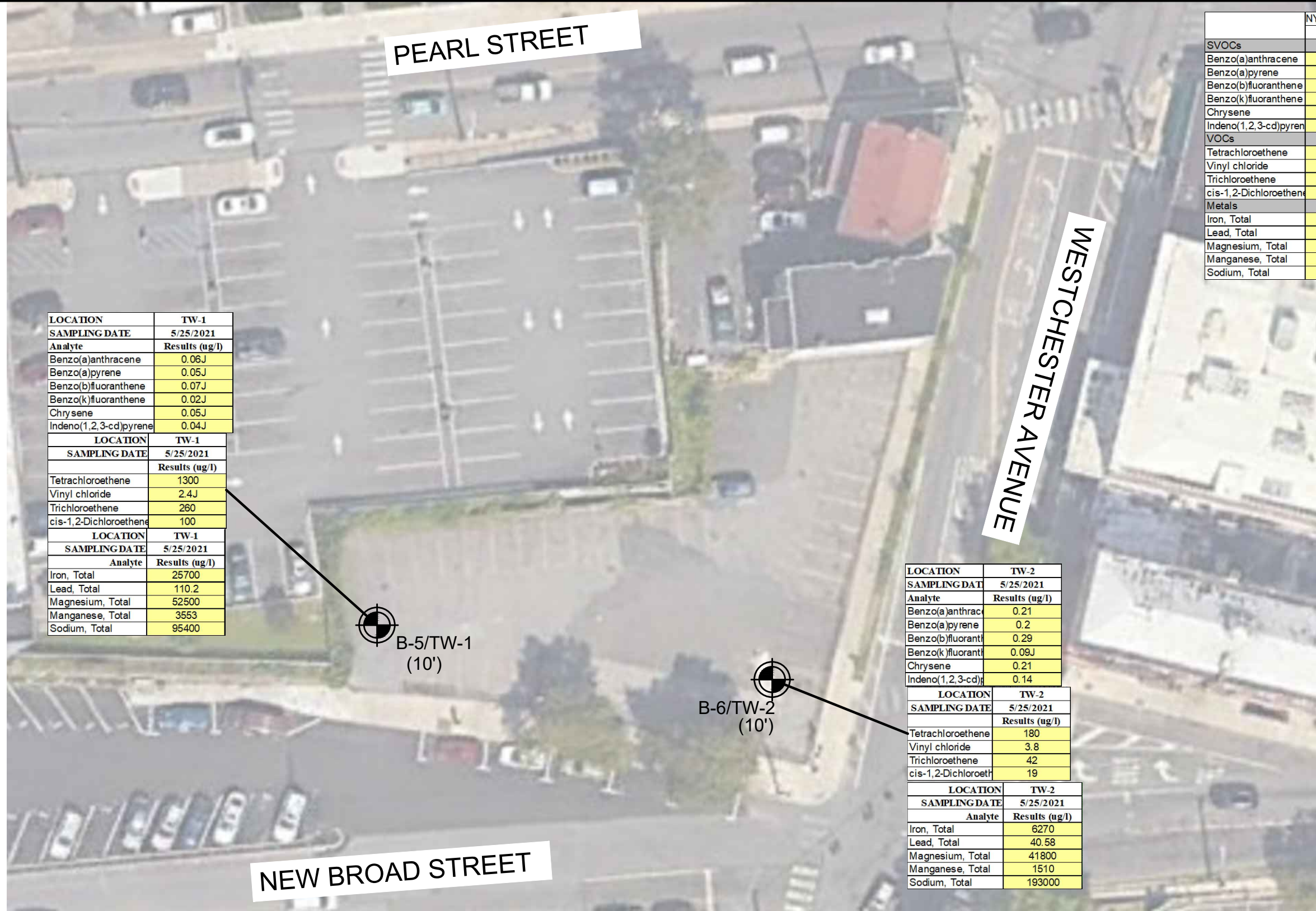
title: SOIL SAMPLE RESULTS PLAN

job no: 11895  
 drawing no:

**FIG-3.1**



N:\ACAD\11895\11895 FIG-3.1 AND 3.2.DWG 06/17/21 03:49:25PM, Jenny, LAYOUT: FIG-3.2



LOCATION	TW-1
SAMPLING DATE	5/25/2021
Analyte	Results (ug/l)
Benzo(a)anthracene	0.06J
Benzo(a)pyrene	0.05J
Benzo(b)fluoranthene	0.07J
Benzo(k)fluoranthene	0.02J
Chrysene	0.05J
Indeno(1,2,3-cd)pyrene	0.04J
LOCATION	TW-1
SAMPLING DATE	5/25/2021
Analyte	Results (ug/l)
Tetrachloroethene	1300
Vinyl chloride	2.4J
Trichloroethene	260
cis-1,2-Dichloroethene	100
LOCATION	TW-1
SAMPLING DATE	5/25/2021
Analyte	Results (ug/l)
Iron, Total	25700
Lead, Total	110.2
Magnesium, Total	52500
Manganese, Total	3553
Sodium, Total	95400

B-5/TW-1  
(10')

B-6/TW-2  
(10')

LOCATION	TW-2
SAMPLING DATE	5/25/2021
Analyte	Results (ug/l)
Benzo(a)anthracene	0.21
Benzo(a)pyrene	0.2
Benzo(b)fluoranthene	0.29
Benzo(k)fluoranthene	0.09J
Chrysene	0.21
Indeno(1,2,3-cd)pyrene	0.14
LOCATION	TW-2
SAMPLING DATE	5/25/2021
Analyte	Results (ug/l)
Tetrachloroethene	180
Vinyl chloride	3.8
Trichloroethene	42
cis-1,2-Dichloroethene	19
LOCATION	TW-2
SAMPLING DATE	5/25/2021
Analyte	Results (ug/l)
Iron, Total	6270
Lead, Total	40.58
Magnesium, Total	41800
Manganese, Total	1510
Sodium, Total	193000

	NY-AWQS (ug/l)
SVOCs	
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Indeno(1,2,3-cd)pyrene	0.002
VOCs	
Tetrachloroethene	5
Vinyl chloride	2
Trichloroethene	5
cis-1,2-Dichloroethene	5
Metals	
Iron, Total	300
Lead, Total	25
Magnesium, Total	35000
Manganese, Total	300
Sodium, Total	20000

SOILS / FOUNDATIONS  
SITE DESIGN  
ENVIRONMENTAL

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12A MAPLE AVE. PINE BROOK, N.J. 07068 PH: 973-808-9050

dwg by: yy  
chk by: FL  
scale: N.T.S.  
date: 06/17/2021

PHASE II INVESTIGATION  
140, 148-150 WESTCHESTER AVENUE  
PORT CHESTER, NEW YORK 10573

GROUNDWATER SAMPLE  
LOCATION PLAN

project:  
title:

job no: 11895  
drawing no:

**FIG-3.2**

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REFERENCE  
SITE SURVEY PREPARED BY RICHARD J. DOMATO, DATED MARCH 5, 2021.

**LEGEND:**

- MW-1 - SOIL BORING/GEOTECH BORING AND TEMPORARY WELL NUMBER & APPROX. LOCATION
- (5) - APPROXIMATE ROCK CORE DEPTH IN FEET

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## Appendix A:

Boring Logs

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# BORING LOG

Job:	11895	Boring:	SB-1	Client:	St.Katherine's Group
Project:	Proposed New Building Construction			Observer:	Denisse Angulo
Location:	140, 148-150 Westchester Ave			Elevation:	±47.75

Date Started:	May 24, 2021	Date Completed:	May 24, 2021	Boring Location Offset:	N/A		
Contractor:	AARCO	Type of Rig:	7822DT	Weather:	Sunny	Temperature:	70°F
Driller:	Julio	Helper:	Jose	Rotary Bit Diameter:			
Casing Dia.:	Inches	Casing Depth:	Feet	Auger Diameter:	OD:	Inches	ID: 4 1/4 Inches
Drilling Mud Utilized:	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Water	<input type="checkbox"/> Quickgel	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Revert	<input type="checkbox"/> Ez Mud	<input type="checkbox"/> Other

SAMPLING EQUIPMENT (type and size)	Split Spoon Sampler:	<input checked="" type="checkbox"/> 2-inch Diameter	<input type="checkbox"/> 3-inch Diameter	
	U-tube Sampler:	<input type="checkbox"/> Piston	<input type="checkbox"/> Shelby	<input type="checkbox"/> Other
	Core Barrel:	Double Core Barrel		Core Bit: NX 1.995"
	Sampler Hammer:	<input type="checkbox"/> External Anvil	<input type="checkbox"/> Mobile Safety	<input checked="" type="checkbox"/> Auto
Weight:	140 lbs.	Drop Height:	30 Inches	

### WATER LEVEL OBSERVATIONS

Date	Time	Depth of Hole	Depth of Casing	Depth to Water	Remarks
5/24/2021	9:30 AM	11 ft	-	N/E	

SAMPLE					SAMPLE DESCRIPTION	Depth	Strata	Rec.	REMARKS
Number	Interval	Blows/6"	N- Value						
S-1	0-2	12	10	16	2"± Asphalt		F	10"	Weathered Rock w/ traces of mica
		6	11		Fill: Black/Brown medium to fine SAND, little medium to fine Gravel, trace Silt				
S-2	2-4	9	17	42	Gray/Black coarse to fine Sand, some coarse to fine Gravel, some Silt		DR	20"	
		25	28					10"	
S-3	4-5.2	51	79		Gray/White coarse to fine Sand, some coarse to fine Gravel, some Silt	5			Used roller bit to drill to corable rock material at 6 ft
S-4	6-11				Rock Core Run 1: 6'-11'		R		-Time per foot was not recorded for the rock core run, however, it took approximately 1 hour and 15 minutes to core 5 feet
					Gray Mica Schist (weathered)				
						10			
					Recovery: 59"/60" = 98%, RQD: 33/60 = 55%				
					SB-1 COMPLETED AT ± 11 FEET	15			
								20	
								25	
								30	

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgement of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; WOH: Weight of Hammer; WOR: Weight of Rod

Approximate Change in Strata: \_\_\_\_\_

Inferred Change in Strata: -----

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.



# BORING LOG

Job:	11895	Boring:	SB-2	Client:	St.Katherine's Group
Project:	Proposed New Building Construction			Observer:	Denisse Angulo
Location:	140, 148-150 Westchester Ave			Elevation:	± 48.0 ft

Date Started:	May 24, 2021	Date Completed:	May 24, 2021	Boring Location Offset:	N/A		
Contractor:	AARCO	Type of Rig:	7822DT	Weather:	Sunny	Temperature:	70°F
Driller:	Tommy	Helper:	Julio	Rotary Bit Diameter:			

Casing Dia.:	Inches	Casing Depth:	Feet	Auger Diameter:	OD:	Inches	ID:	4 1/4	Inches
--------------	--------	---------------	------	-----------------	-----	--------	-----	-------	--------

Drilling Mud Utilized:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Water	<input type="checkbox"/> Quickgel	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Revert	<input type="checkbox"/> Ez Mud	<input type="checkbox"/> Other
SAMPLING EQUIPMENT (type and size)	Split Spoon Sampler:	<input checked="" type="checkbox"/> 2-inch Diameter			<input type="checkbox"/> 3-inch Diameter		
	U-tube Sampler:	<input type="checkbox"/> Piston	<input type="checkbox"/> Shelby	<input type="checkbox"/> Other			
	Core Barrel:				Core Bit:		
	Sampler Hammer:	<input type="checkbox"/> External Anvil	<input type="checkbox"/> Mobile Safety	<input checked="" type="checkbox"/> Auto	<input type="checkbox"/> Mechanical Trip		
Weight:	140 lbs.		Drop Height:	30 Inches			

### WATER LEVEL OBSERVATIONS

Date	Time	Depth of Hole	Depth of Casing	Depth to Water	Remarks
5/24/2021	11:00 AM	4.0 ft	-	N/E	

SAMPLE					SAMPLE DESCRIPTION	Depth	Strata	Rec.	REMARKS
Number	Interval	Blows/6"	N- Value						
S-1	0-2	12	10	28	2" Asphalt			4"	
		18	15		Fill: Black coarse to fine Sand, little fine Gravel, trace Silt, with asphalt		F		
S-2	2-4	14	16	56	Fill: Brown medium to fine SAND, little medium to fine Gravel, little Silt			10"	
		40	80						
					SB-2 COMPLETED AT 4.0 ± FEET DUE TO HOLLOW STEM AUGER REFUSAL ON BEDROCK	5			
						10			
						15			
						20			
						25			
						30			

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Pp: Pocket Penetrometer; WOH: Weight of Hammer; WOR: Weight of Rod

Approximate Change in Strata: \_\_\_\_\_

Inferred Change in Strata: -----

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.



# BORING LOG

Job:	11895	Boring:	SB-3	Client:	St.Katherine's Group
Project:	Proposed New Building Construction			Observer:	Denisse Angulo
Location:	140, 148-150 Westchester Ave			Elevation:	± 47.8 ft

Date Started:	May 24, 2021	Date Completed:	May 24, 2021	Boring Location Offset:	N/A				
Contractor:	AARCO	Type of Rig:	7822DT	Weather:	Sunny	Temperature:	70°F		
Driller:	Julio	Helper:	Jose	Rotary Bit Diameter:					
Casing Dia.:	Inches	Casing Depth:	Feet	Auger Diameter:	OD:	Inches	ID:	4 1/4	Inches

Drilling Mud Utilized:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Water	<input type="checkbox"/> Quickgel	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Revert	<input type="checkbox"/> Ez Mud	<input type="checkbox"/> Other
SAMPLING EQUIPMENT (type and size)	Split Spoon Sampler:	<input checked="" type="checkbox"/> 2-inch Diameter			<input type="checkbox"/> 3-inch Diameter		
	U-tube Sampler:	<input type="checkbox"/> Piston	<input type="checkbox"/> Shelby		<input type="checkbox"/> Other		
	Core Barrel:				Core Bit:		
	Sampler Hammer:	<input type="checkbox"/> External Anvil	<input type="checkbox"/> Mobile Safety	<input checked="" type="checkbox"/> Auto	<input type="checkbox"/> Mechanical Trip		
Weight:	140 lbs.		Drop Height:	30 Inches			

### WATER LEVEL OBSERVATIONS

Date	Time	Depth of Hole	Depth of Casing	Depth to Water	Remarks
5/24/2021	12:30 PM	6.0 ft	-	N/E	

SAMPLE					SAMPLE DESCRIPTION	Depth	Strata	Rec.	REMARKS
Number	Interval	Blows/6"	N- Value						
S-1	0-2	8	15	27	2" Asphalt			0"	Traces of Mica observed in sample
		12	13		No Recovery				
S-2	2-4	4	7	12	Fill: Brown medium to fine SAND, little fine Gravel, trace Silt		F	10"	
		5	5						
S-3	4-6	4	17	32	Fill: Brown medium to fine SAND, some medium to fine Gravel, trace Silt	5		17"	
		15	15						
					SB-3 COMPLETED AT ±6.0 FEET DUE TO HOLLOW STEM AUGER REFUSAL ON BEDROCK	10			
						15			
						20			
						25			
						30			

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Pp: Pocket Penetrometer; WOH: Weight of Hammer; WOR: Weight of Rod

Approximate Change in Strata: \_\_\_\_\_ Inferred Change in Strata: \_\_\_\_\_

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.





# BORING LOG

Job:	11895	Boring:	SB-5	Client:	St.Katherine's Group
Project:	Proposed New Building Construction			Observer:	Denisse Angulo
Location:	140, 148-150 Westchester Ave			Elevation:	± 34.5 ft

Date Started:	May 25, 2021	Date Completed:	May 25, 2021	Boring Location Offset:	N/A			
Contractor:	AARCO	Type of Rig:	7822DT	Weather:	Sunny	Temperature:	65°F	
Driller:	Tommy	Helper:	Julio	Rotary Bit Diameter:				
Casing Dia.:	Inches	Casing Depth:	Feet	Auger Diameter:	OD:	Inches	ID:	4 1/4 Inches

Drilling Mud Utilized:	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Water	<input type="checkbox"/> Quickgel	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Revert	<input type="checkbox"/> Ez Mud	<input type="checkbox"/> Other
SAMPLING EQUIPMENT (type and size)	Split Spoon Sampler:	<input checked="" type="checkbox"/> 2-inch Diameter			<input type="checkbox"/> 3-inch Diameter		
	U-tube Sampler:	<input type="checkbox"/> Piston	<input type="checkbox"/> Shelby	<input type="checkbox"/> Other			
	Core Barrel:	Double Core Barrel			Core Bit: NX 1.995"		
	Sampler Hammer:	<input type="checkbox"/> External Anvil	<input type="checkbox"/> Mobile Safety	<input checked="" type="checkbox"/> Auto	<input type="checkbox"/> Mechanical Trip		
Weight:	140 lbs.		Drop Height:	30 Inches			

### WATER LEVEL OBSERVATIONS

Date	Time	Depth of Hole	Depth of Casing	Depth to Water	Remarks
5/25/2021	9:15 AM	15 ft	-	N/E	
5/25/2021	3:30 PM	9 ft	-	7.88 ft	Temp. monitoring well reading

SAMPLE					SAMPLE DESCRIPTION	Depth	Strata	Rec.	REMARKS
Number	Interval	Blows/6"	N- Value						
S-1	0-2	5	23	40	3" Asphalt			0"	Traces of Mica observed in sample
		17	5		Fill: Black medium to fine Sand, some Silt, trace Gravel				
S-2	2-2.4	50/5"			Fill: Same as above		F	10"	
						5		58"	Drill to 5± feet to competent rock
S-3	5-10			1:39 min	Rock core Run 1: 5'-10'		R		Temporary 1 inch PVC monitoring well installed to 9 feet. Ground water observed at 7.88 feet.
				1:48 min	Gray Mica Schist				
				2:40 min					
				1:53 min					
S-4	10-15			2:18 min	Recovery: 58"/60" = 97.7%, RQD: 46/60=76.7%	10			
				2:28 min	Rock core run 2: 10'-15'				
				1:37 min	Gray Mica Schist				
				1:22 min					
				1:27 min					
				1:53 min	Recovery: 59"/60" = 98.3%, RQD: 55/60 = 91.7%	15			
					SB-5 COMPLETED AT 15 ± FEET				
						20			
						25			
						30			

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Pp: Pocket Penetrometer; WOH: Weight of Hammer; WOR: Weight of Rod

Approximate Change in Strata: \_\_\_\_\_

Inferred Change in Strata: -----

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.







# BORING LOG

Job:	11895	Boring:	SB-7	Client:	St.Katherine's Group
Project:	Proposed New Building Construction			Observer:	Denisse Angulo
Location:	140, 148-150 Westchester Ave			Elevation:	± 32.75 ft

Date Started:	May 25, 2021	Date Completed:	May 25, 2021	Boring Location Offset:	N/A			
Contractor:	AARCO	Type of Rig:	7822DT	Weather:	Sunny	Temperature:	65°F	
Driller:	Julio	Helper:	Jose	Rotary Bit Diameter:				
Casing Dia.:	Inches	Casing Depth:	Feet	Auger Diameter:	OD:	Inches	ID:	4 1/4 Inches

Drilling Mud Utilized:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Water	<input type="checkbox"/> Quickgel	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Revert	<input type="checkbox"/> Ez Mud	<input type="checkbox"/> Other
SAMPLING EQUIPMENT (type and size)	Split Spoon Sampler:	<input checked="" type="checkbox"/> 2-inch Diameter			<input type="checkbox"/> 3-inch Diameter		
	U-tube Sampler:	<input type="checkbox"/> Piston	<input type="checkbox"/> Shelby	<input type="checkbox"/> Other			
	Core Barrel:				Core Bit:		
	Sampler Hammer:	<input type="checkbox"/> External Anvil	<input type="checkbox"/> Mobile Safety	<input checked="" type="checkbox"/> Auto	<input type="checkbox"/> Mechanical Trip		
Weight:	140 lbs.		Drop Height:	30 Inches			

### WATER LEVEL OBSERVATIONS

Date	Time	Depth of Hole	Depth of Casing	Depth to Water	Remarks
5/25/2021	12:15 PM	2.7 ft	-	N/E	

SAMPLE					SAMPLE DESCRIPTION	Depth	Strata	Rec.	REMARKS
Number	Interval	Blows/6"	N- Value						
S-1	0-2	9	9	30	2"± Asphalt			11"	Traces of mica observed in sample
		21	5		Fill: Black medium to fine Sand, some Silt, little coarse to fine Gravel, with asphalt		F		
S-2	2-2.7	30	50/2"		Fill: Same as above			8"	
					SB-7 COMPLETED AT 2.7 ± FEET DUE TO HOLLOW STEM AUGER + SPOON REFUSAL ON BEDROCK	5			
						10			
						15			
						20			
						25			
						30			

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgement of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; WOH: Weight of Hammer; WOR: Weight of Rod

Approximate Change in Strata: \_\_\_\_\_

Inferred Change in Strata: -----

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.



# BORING LOG

Job:	11895	Boring:	SB-8	Client:	St.Katherine's Group
Project:	Proposed New Building Construction			Observer:	Denisse Angulo
Location:	140, 148-150 Westchester Ave			Elevation:	± 31.75 ft

Date Started:	May 25, 2021	Date Completed:	May 25, 2021	Boring Location Offset:	N/A		
Contractor:	AARCO	Type of Rig:	7822DT	Weather:	Sunny	Temperature:	65°F
Driller:	Tommy	Helper:	Julio	Rotary Bit Diameter:			

Casing Dia.:	Inches	Casing Depth:	Feet	Auger Diameter:	OD:	Inches	ID:	4 1/4	Inches
Drilling Mud Utilized:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Water	<input type="checkbox"/> Quickgel	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Revert	<input type="checkbox"/> Ez Mud	<input type="checkbox"/> Other		
SAMPLING EQUIPMENT (type and size)	Split Spoon Sampler:	<input checked="" type="checkbox"/> 2-inch Diameter			<input type="checkbox"/> 3-inch Diameter				
	U-tube Sampler:	<input type="checkbox"/> Piston	<input type="checkbox"/> Shelby		<input type="checkbox"/> Other				
	Core Barrel:				Core Bit:				
	Sampler Hammer:	<input type="checkbox"/> External Anvil	<input type="checkbox"/> Mobile Safety		<input checked="" type="checkbox"/> Auto	<input type="checkbox"/> Mechanical Trip			
Weight:	140 lbs.		Drop Height:		30 Inches				

### WATER LEVEL OBSERVATIONS

Date	Time	Depth of Hole	Depth of Casing	Depth to Water	Remarks
5/25/2021	1:45 PM	7.3 ft	-	N/E	

SAMPLE					SAMPLE DESCRIPTION	Depth	Strata	Rec.	REMARKS
Number	Interval	Blows/6"	N- Value						
S-1	0-2	8	8	19	2" Asphalt			15"	
		11	13		Fill: Black medium to fine SAND, little Silt, little medium to fine Gravel, with asphalt				
S-2	2-4	5	6	16	Fill: Gray coarse to fine GRAVEL, some coarse to fine Sand, little Silt, with brick and concrete			6"	
		10	11						
S-3	4-6	12	15	27	Same as above	5	F	20"	
		17	13		W.C.= 6.5% (-200)= 11.3%				
S-4	6-7.3	12	14		Same as above			8"	
		50/4"							
					SB-8 COMPLETED AT 7.3 ± FEET DUE TO HOLLOW STEM AUGER + SPOON REFUSAL ON BEDROCK	10			
						15			
						20			
						25			
						30			

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Pp: Pocket Penetrometer; WOH: Weight of Hammer; WOR: Weight of Rod

Approximate Change in Strata: \_\_\_\_\_

Inferred Change in Strata: -----

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.



# BORING LOG

Job:	11895	Boring:	SB-9	Client:	St.Katherine's Group
Project:	Proposed New Building Construction			Observer:	Denisse Angulo
Location:	140, 148-150 Westchester Ave			Elevation:	± 31.25 ft

Date Started:	May 25, 2021	Date Completed:	May 25, 2021	Boring Location Offset:	N/A			
Contractor:	AARCO	Type of Rig:	7822DT	Weather:	Sunny	Temperature:	65°F	
Driller:	Tommy	Helper:	Julio	Rotary Bit Diameter:				
Casing Dia.:	Inches	Casing Depth:	Feet	Auger Diameter:	OD:	Inches	ID:	4 1/4 Inches

Drilling Mud Utilized:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Water	<input type="checkbox"/> Quickgel	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Revert	<input type="checkbox"/> Ez Mud	<input type="checkbox"/> Other
SAMPLING EQUIPMENT (type and size)	Split Spoon Sampler:	<input checked="" type="checkbox"/> 2-inch Diameter			<input type="checkbox"/> 3-inch Diameter		
	U-tube Sampler:	<input type="checkbox"/> Piston	<input type="checkbox"/> Shelby	<input type="checkbox"/> Other			
	Core Barrel:				Core Bit:		
	Sampler Hammer:	<input type="checkbox"/> External Anvil	<input type="checkbox"/> Mobile Safety	<input checked="" type="checkbox"/> Auto	<input type="checkbox"/> Mechanical Trip		
Weight:	140 lbs.		Drop Height:	30 Inches			

### WATER LEVEL OBSERVATIONS

Date	Time	Depth of Hole	Depth of Casing	Depth to Water	Remarks
5/25/2021	2:30 PM	1.3 ft	-	N/E	

SAMPLE				SAMPLE DESCRIPTION	Depth	Strata	Rec.	REMARKS
Number	Interval	Blows/6"	N- Value					
S-1	0-1.3	8	9	2" Asphalt Fill: Gray medium to fine SAND, little fine Gravel, trace Silt, with asphalt and concrete SB-8 COMPLETED AT 1.3 ± FEET DUE TO HOLLOW STEM AUGER & SPOON REFUSAL		F	15"	
		50/4"			5			
					10			
					15			
					20			
					25			
					30			

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Pp: Pocket Penetrometer; WOH: Weight of Hammer; WOR: Weight of Rod

Approximate Change in Strata: \_\_\_\_\_

Inferred Change in Strata: -----

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.



# BORING LOG

Job:	11895	Boring:	SB-10	Client:	St.Katherine's Group
Project:	Proposed New Building Construction			Observer:	Denisse Angulo
Location:	140, 148-150 Westchester Ave			Elevation:	± 35.0 ft

Date Started:	May 25, 2021	Date Completed:	May 25, 2021	Boring Location Offset:	N/A			
Contractor:	AARCO	Type of Rig:	7822DT	Weather:	Sunny	Temperature:	65°F	
Driller:	Tommy	Helper:	Julio	Rotary Bit Diameter:				
Casing Dia.:	Inches	Casing Depth:	Feet	Auger Diameter:	OD:	Inches	ID:	4 1/4 Inches

Drilling Mud Utilized:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Water	<input type="checkbox"/> Quickgel	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Revert	<input type="checkbox"/> Ez Mud	<input type="checkbox"/> Other
SAMPLING EQUIPMENT (type and size)	Split Spoon Sampler:	<input checked="" type="checkbox"/> 2-inch Diameter			<input type="checkbox"/> 3-inch Diameter		
	U-tube Sampler:	<input type="checkbox"/> Piston	<input type="checkbox"/> Shelby	<input type="checkbox"/> Other			
	Core Barrel:				Core Bit:		
	Sampler Hammer:	<input type="checkbox"/> External Anvil	<input type="checkbox"/> Mobile Safety	<input checked="" type="checkbox"/> Auto	<input type="checkbox"/> Mechanical Trip		
Weight:	140 lbs.		Drop Height:	30 Inches			

### WATER LEVEL OBSERVATIONS

Date	Time	Depth of Hole	Depth of Casing	Depth to Water	Remarks
5/25/2021	3:45 PM	1.2 ft	-	N/E	

SAMPLE				SAMPLE DESCRIPTION	Depth	Strata	Rec.	REMARKS
Number	Interval	Blows/6"	N- Value					
S-1	0-1.2	8	30	2" Asphalt Fill: Gray medium to fine SAND, little Silt, little medium to fine Gravel, with concrete SB-10 COMPLETED AT 1.2 ± FEET DUE TO HOLLOW STEM AUGER & SPOON REFUSAL		F	6"	
		50/2"			5			
					10			
					15			
					20	MT		
					25			
					30			

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Pp: Pocket Penetrometer; WOH: Weight of Hammer; WOR: Weight of Rod

Approximate Change in Strata: \_\_\_\_\_

Inferred Change in Strata: -----

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

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## Appendix B:

### Analytical Results

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## ANALYTICAL REPORT

Lab Number:	L2127517
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Patricia Petrino
Phone:	(973) 808-9050
Project Name:	PHASE II INVESTIGATION
Project Number:	11895
Report Date:	06/09/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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Eight Walkup Drive, Westborough, MA 01581-1019  
508-898-9220 (Fax) 508-898-9193 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



**Project Name:** PHASE II INVESTIGATION**Project Number:** 11895**Lab Number:** L2127517**Report Date:** 06/09/21

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>	<b>Receive Date</b>
L2127517-01	B-1 (0.5-1.0)	SOIL	140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY	05/24/21 08:20	05/24/21
L2127517-02	B-1 (5.5-6.0)	SOIL	140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY	05/24/21 08:40	05/24/21
L2127517-03	B-2 (1.0-1.5)	SOIL	140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY	05/24/21 11:20	05/24/21
L2127517-04	B-3 (3-3.5)	SOIL	140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY	05/24/21 12:20	05/24/21
L2127517-05	B-4 (2-2.5)	SOIL	140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY	05/24/21 12:45	05/24/21
L2127517-06	B-4 (8-8.5)	SOIL	140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY	05/24/21 13:00	05/24/21
L2127517-07	B-4 (11.5-12.0)	SOIL	140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY	05/24/21 13:15	05/24/21

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

**HOLD POLICY** - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

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**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

### Case Narrative (continued)

#### Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

#### Semivolatile Organics

L2127517-01D: The sample has elevated detection limits due to the dilution required by the sample matrix.

#### Pesticides

L2127517-01D: The sample has elevated detection limits due to the dilution required by the sample matrix.

#### Total Metals

L2127517-01 through -07: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

#### Cyanide, Total

The WG1507314-2/-3 LCS/LCSD recoveries for cyanide, total (66%/78%), associated with L2127517-01 through -07, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Jennifer L Clements

Title: Technical Director/Representative

Date: 06/09/21

# ORGANICS

# VOLATILES

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-01  
 Client ID: B-1 (0.5-1.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 08:20  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/03/21 09:09  
 Analyst: NLK  
 Percent Solids: 98%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	7.4	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.21	1
Chloroform	ND		ug/kg	2.2	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.18	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.39	1
Tetrachloroethene	ND		ug/kg	0.74	0.29	1
Chlorobenzene	ND		ug/kg	0.74	0.19	1
Trichlorofluoromethane	ND		ug/kg	5.9	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.74	0.25	1
Bromodichloromethane	ND		ug/kg	0.74	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.74	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.74	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.74	0.23	1
Bromoform	ND		ug/kg	5.9	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.74	0.24	1
Benzene	ND		ug/kg	0.74	0.24	1
Toluene	ND		ug/kg	1.5	0.80	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	5.9	1.4	1
Bromomethane	ND		ug/kg	3.0	0.86	1
Vinyl chloride	ND		ug/kg	1.5	0.49	1
Chloroethane	ND		ug/kg	3.0	0.67	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-01

Date Collected: 05/24/21 08:20

Client ID: B-1 (0.5-1.0)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.74	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.25	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.83	1
o-Xylene	ND		ug/kg	1.5	0.43	1
Xylenes, Total	ND		ug/kg	1.5	0.43	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.20	1
Dibromomethane	ND		ug/kg	3.0	0.35	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.1	1
Carbon disulfide	ND		ug/kg	15	6.7	1
2-Butanone	ND		ug/kg	15	3.3	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	3.0	0.19	1
2-Hexanone	ND		ug/kg	15	1.7	1
Bromochloromethane	ND		ug/kg	3.0	0.30	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.41	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.74	0.20	1
Bromobenzene	ND		ug/kg	3.0	0.21	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.17	1
o-Chlorotoluene	ND		ug/kg	3.0	0.28	1
p-Chlorotoluene	ND		ug/kg	3.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.5	1
Hexachlorobutadiene	ND		ug/kg	5.9	0.25	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	5.9	0.96	1
Acrylonitrile	ND		ug/kg	5.9	1.7	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-01

Date Collected: 05/24/21 08:20

Client ID: B-1 (0.5-1.0)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
n-Propylbenzene	ND		ug/kg	1.5	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.48	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.49	1
1,4-Dioxane	ND		ug/kg	120	52.	1
p-Diethylbenzene	ND		ug/kg	3.0	0.26	1
p-Ethyltoluene	ND		ug/kg	3.0	0.57	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.0	0.28	1
Ethyl ether	ND		ug/kg	3.0	0.50	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.4	2.1	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	113		70-130

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-02  
 Client ID: B-1 (5.5-6.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 08:40  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/03/21 09:35  
 Analyst: NLK  
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-02

Date Collected: 05/24/21 08:40

Client ID: B-1 (5.5-6.0)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatiles Organics by EPA 5035 Low - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.2	1



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-02

Date Collected: 05/24/21 08:40

Client ID: B-1 (5.5-6.0)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	114		70-130

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-03  
 Client ID: B-2 (1.0-1.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 11:20  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/03/21 10:01  
 Analyst: NLK  
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-03

Date Collected: 05/24/21 11:20

Client ID: B-2 (1.0-1.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-03

Date Collected: 05/24/21 11:20

Client ID: B-2 (1.0-1.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	88	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	114		70-130

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-04  
 Client ID: B-3 (3-3.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 12:20  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/03/21 10:27  
 Analyst: NLK  
 Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.1	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.0	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-04

Date Collected: 05/24/21 12:20

Client ID: B-3 (3-3.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatiles Organics by EPA 5035 Low - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.21	1
p/m-Xylene	ND		ug/kg	2.0	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.14	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-04

Date Collected: 05/24/21 12:20

Client ID: B-3 (3-3.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	115		70-130

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-05  
 Client ID: B-4 (2-2.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 12:45  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/03/21 09:35  
 Analyst: NLK  
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-05

Date Collected: 05/24/21 12:45

Client ID: B-4 (2-2.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.72	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-05

Date Collected: 05/24/21 12:45

Client ID: B-4 (2-2.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	89	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	106		70-130

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-06  
 Client ID: B-4 (8-8.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 13:00  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/03/21 10:00  
 Analyst: NLK  
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.2	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-06

Date Collected: 05/24/21 13:00

Client ID: B-4 (8-8.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatiles Organics by EPA 5035 Low - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.97	1
Acetone	ND		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.2	0.69	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-06

Date Collected: 05/24/21 13:00

Client ID: B-4 (8-8.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	85	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	109		70-130

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-07  
 Client ID: B-4 (11.5-12.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 13:15  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/03/21 10:25  
 Analyst: NLK  
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-07

Date Collected: 05/24/21 13:15

Client ID: B-4 (11.5-12.0)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.2	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.12	1
Naphthalene	ND		ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-07

Date Collected: 05/24/21 13:15

Client ID: B-4 (11.5-12.0)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	110		70-130



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/03/21 01:44  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04 Batch: WG1507168-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	1.0	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C  
Analytical Date: 06/03/21 01:44  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04 Batch: WG1507168-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C  
Analytical Date: 06/03/21 01:44  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04 Batch: WG1507168-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

#### Tentatively Identified Compounds

Total TIC Compounds	4.46	J	ug/kg
Unknown	2.31	J	ug/kg
Unknown	2.15	J	ug/kg

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/03/21 01:44  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04 Batch: WG1507168-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	102		70-130

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/03/21 09:10  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05-07 Batch: WG1507196-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/03/21 09:10  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05-07 Batch: WG1507196-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	0.32	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/03/21 09:10  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05-07 Batch: WG1507196-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

No Tentatively Identified Compounds      ND      ug/kg

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/03/21 09:10  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05-07 Batch: WG1507196-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127517

Project Number: 11895

Report Date: 06/09/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG1507168-3 WG1507168-4								
Methylene chloride	89		86		70-130	3		30
1,1-Dichloroethane	91		88		70-130	3		30
Chloroform	84		80		70-130	5		30
Carbon tetrachloride	94		90		70-130	4		30
1,2-Dichloropropane	87		86		70-130	1		30
Dibromochloromethane	95		91		70-130	4		30
1,1,2-Trichloroethane	91		90		70-130	1		30
Tetrachloroethene	100		97		70-130	3		30
Chlorobenzene	92		89		70-130	3		30
Trichlorofluoromethane	106		100		70-139	6		30
1,2-Dichloroethane	84		81		70-130	4		30
1,1,1-Trichloroethane	92		89		70-130	3		30
Bromodichloromethane	87		84		70-130	4		30
trans-1,3-Dichloropropene	96		92		70-130	4		30
cis-1,3-Dichloropropene	90		88		70-130	2		30
1,1-Dichloropropene	96		93		70-130	3		30
Bromoform	94		91		70-130	3		30
1,1,2,2-Tetrachloroethane	94		91		70-130	3		30
Benzene	89		87		70-130	2		30
Toluene	89		87		70-130	2		30
Ethylbenzene	95		93		70-130	2		30
Chloromethane	78		75		52-130	4		30
Bromomethane	103		91		57-147	12		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127517

Project Number: 11895

Report Date: 06/09/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG1507168-3 WG1507168-4								
Vinyl chloride	106		105		67-130	1		30
Chloroethane	119		110		50-151	8		30
1,1-Dichloroethene	99		95		65-135	4		30
trans-1,2-Dichloroethene	92		88		70-130	4		30
Trichloroethene	91		88		70-130	3		30
1,2-Dichlorobenzene	92		89		70-130	3		30
1,3-Dichlorobenzene	93		92		70-130	1		30
1,4-Dichlorobenzene	92		90		70-130	2		30
Methyl tert butyl ether	88		83		66-130	6		30
p/m-Xylene	96		94		70-130	2		30
o-Xylene	94		93		70-130	1		30
cis-1,2-Dichloroethene	88		85		70-130	3		30
Dibromomethane	86		84		70-130	2		30
Styrene	95		92		70-130	3		30
Dichlorodifluoromethane	75		72		30-146	4		30
Acetone	87		81		54-140	7		30
Carbon disulfide	93		88		59-130	6		30
2-Butanone	86		80		70-130	7		30
Vinyl acetate	94		88		70-130	7		30
4-Methyl-2-pentanone	85		79		70-130	7		30
1,2,3-Trichloropropane	89		89		68-130	0		30
2-Hexanone	86		80		70-130	7		30
Bromochloromethane	87		82		70-130	6		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127517

Project Number: 11895

Report Date: 06/09/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG1507168-3 WG1507168-4								
2,2-Dichloropropane	93		88		70-130	6		30
1,2-Dibromoethane	97		93		70-130	4		30
1,3-Dichloropropane	94		91		69-130	3		30
1,1,1,2-Tetrachloroethane	96		94		70-130	2		30
Bromobenzene	90		88		70-130	2		30
n-Butylbenzene	103		100		70-130	3		30
sec-Butylbenzene	99		97		70-130	2		30
tert-Butylbenzene	96		95		70-130	1		30
o-Chlorotoluene	94		94		70-130	0		30
p-Chlorotoluene	95		93		70-130	2		30
1,2-Dibromo-3-chloropropane	90		86		68-130	5		30
Hexachlorobutadiene	97		94		67-130	3		30
Isopropylbenzene	98		97		70-130	1		30
p-Isopropyltoluene	98		96		70-130	2		30
Naphthalene	92		89		70-130	3		30
Acrylonitrile	93		88		70-130	6		30
n-Propylbenzene	100		98		70-130	2		30
1,2,3-Trichlorobenzene	92		90		70-130	2		30
1,2,4-Trichlorobenzene	96		93		70-130	3		30
1,3,5-Trimethylbenzene	95		94		70-130	1		30
1,2,4-Trimethylbenzene	95		93		70-130	2		30
1,4-Dioxane	99		92		65-136	7		30
p-Diethylbenzene	100		98		70-130	2		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Project Number: 11895

Lab Number: L2127517

Report Date: 06/09/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG1507168-3 WG1507168-4								
p-Ethyltoluene	97		95		70-130	2		30
1,2,4,5-Tetramethylbenzene	98		95		70-130	3		30
Ethyl ether	119		113		67-130	5		30
trans-1,4-Dichloro-2-butene	94		91		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		94		70-130
Toluene-d8	103		103		70-130
4-Bromofluorobenzene	102		100		70-130
Dibromofluoromethane	98		97		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127517

Project Number: 11895

Report Date: 06/09/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05-07 Batch: WG1507196-3 WG1507196-4								
Methylene chloride	77		78		70-130	1		30
1,1-Dichloroethane	79		80		70-130	1		30
Chloroform	77		76		70-130	1		30
Carbon tetrachloride	89		88		70-130	1		30
1,2-Dichloropropane	79		80		70-130	1		30
Dibromochloromethane	85		84		70-130	1		30
1,1,2-Trichloroethane	84		83		70-130	1		30
Tetrachloroethene	91		90		70-130	1		30
Chlorobenzene	80		81		70-130	1		30
Trichlorofluoromethane	95		95		70-139	0		30
1,2-Dichloroethane	77		77		70-130	0		30
1,1,1-Trichloroethane	84		84		70-130	0		30
Bromodichloromethane	78		79		70-130	1		30
trans-1,3-Dichloropropene	88		88		70-130	0		30
cis-1,3-Dichloropropene	82		82		70-130	0		30
1,1-Dichloropropene	86		86		70-130	0		30
Bromoform	88		89		70-130	1		30
1,1,2,2-Tetrachloroethane	84		84		70-130	0		30
Benzene	79		79		70-130	0		30
Toluene	83		83		70-130	0		30
Ethylbenzene	85		84		70-130	1		30
Chloromethane	85		85		52-130	0		30
Bromomethane	94		96		57-147	2		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127517

Project Number: 11895

Report Date: 06/09/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05-07 Batch: WG1507196-3 WG1507196-4								
Vinyl chloride	91		91		67-130	0		30
Chloroethane	83		83		50-151	0		30
1,1-Dichloroethene	87		88		65-135	1		30
trans-1,2-Dichloroethene	82		83		70-130	1		30
Trichloroethene	82		82		70-130	0		30
1,2-Dichlorobenzene	82		84		70-130	2		30
1,3-Dichlorobenzene	83		84		70-130	1		30
1,4-Dichlorobenzene	82		83		70-130	1		30
Methyl tert butyl ether	82		81		66-130	1		30
p/m-Xylene	83		82		70-130	1		30
o-Xylene	80		80		70-130	0		30
cis-1,2-Dichloroethene	77		77		70-130	0		30
Dibromomethane	81		82		70-130	1		30
Styrene	79		78		70-130	1		30
Dichlorodifluoromethane	121		120		30-146	1		30
Acetone	91		80		54-140	13		30
Carbon disulfide	84		84		59-130	0		30
2-Butanone	85		82		70-130	4		30
Vinyl acetate	86		84		70-130	2		30
4-Methyl-2-pentanone	88		86		70-130	2		30
1,2,3-Trichloropropane	84		83		68-130	1		30
2-Hexanone	83		80		70-130	4		30
Bromochloromethane	79		80		70-130	1		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127517

Project Number: 11895

Report Date: 06/09/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05-07 Batch: WG1507196-3 WG1507196-4								
2,2-Dichloropropane	83		83		70-130	0		30
1,2-Dibromoethane	89		88		70-130	1		30
1,3-Dichloropropane	84		83		69-130	1		30
1,1,1,2-Tetrachloroethane	84		84		70-130	0		30
Bromobenzene	83		84		70-130	1		30
n-Butylbenzene	88		89		70-130	1		30
sec-Butylbenzene	86		87		70-130	1		30
tert-Butylbenzene	85		86		70-130	1		30
o-Chlorotoluene	83		82		70-130	1		30
p-Chlorotoluene	82		82		70-130	0		30
1,2-Dibromo-3-chloropropane	89		88		68-130	1		30
Hexachlorobutadiene	90		90		67-130	0		30
Isopropylbenzene	87		88		70-130	1		30
p-Isopropyltoluene	88		88		70-130	0		30
Naphthalene	84		82		70-130	2		30
Acrylonitrile	89		85		70-130	5		30
n-Propylbenzene	87		87		70-130	0		30
1,2,3-Trichlorobenzene	86		85		70-130	1		30
1,2,4-Trichlorobenzene	87		87		70-130	0		30
1,3,5-Trimethylbenzene	85		86		70-130	1		30
1,2,4-Trimethylbenzene	84		86		70-130	2		30
1,4-Dioxane	124		121		65-136	2		30
p-Diethylbenzene	88		88		70-130	0		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127517

Project Number: 11895

Report Date: 06/09/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05-07 Batch: WG1507196-3 WG1507196-4								
p-Ethyltoluene	86		87		70-130	1		30
1,2,4,5-Tetramethylbenzene	86		86		70-130	0		30
Ethyl ether	81		80		67-130	1		30
trans-1,4-Dichloro-2-butene	90		88		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		94		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	95		96		70-130



# SEMIVOLATILES

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-01 D  
 Client ID: B-1 (0.5-1.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

Date Collected: 05/24/21 08:20  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/07/21 15:42  
 Analyst: IM  
 Percent Solids: 98%

Extraction Method: EPA 3546  
 Extraction Date: 06/05/21 01:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	150	J	ug/kg	660	86.	5
1,2,4-Trichlorobenzene	ND		ug/kg	830	95.	5
Hexachlorobenzene	ND		ug/kg	500	93.	5
Bis(2-chloroethyl)ether	ND		ug/kg	750	110	5
2-Chloronaphthalene	ND		ug/kg	830	82.	5
1,2-Dichlorobenzene	ND		ug/kg	830	150	5
1,3-Dichlorobenzene	ND		ug/kg	830	140	5
1,4-Dichlorobenzene	ND		ug/kg	830	140	5
3,3'-Dichlorobenzidine	ND		ug/kg	830	220	5
2,4-Dinitrotoluene	ND		ug/kg	830	160	5
2,6-Dinitrotoluene	ND		ug/kg	830	140	5
Fluoranthene	5600		ug/kg	500	95.	5
4-Chlorophenyl phenyl ether	ND		ug/kg	830	89.	5
4-Bromophenyl phenyl ether	ND		ug/kg	830	130	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	990	140	5
Bis(2-chloroethoxy)methane	ND		ug/kg	900	83.	5
Hexachlorobutadiene	ND		ug/kg	830	120	5
Hexachlorocyclopentadiene	ND		ug/kg	2400	750	5
Hexachloroethane	ND		ug/kg	660	130	5
Isophorone	ND		ug/kg	750	110	5
Naphthalene	ND		ug/kg	830	100	5
Nitrobenzene	ND		ug/kg	750	120	5
NDPA/DPA	ND		ug/kg	660	94.	5
n-Nitrosodi-n-propylamine	ND		ug/kg	830	130	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	830	290	5
Butyl benzyl phthalate	ND		ug/kg	830	210	5
Di-n-butylphthalate	ND		ug/kg	830	160	5
Di-n-octylphthalate	ND		ug/kg	830	280	5

Project Name: PHASE II INVESTIGATION

Lab Number: L2127517

Project Number: 11895

Report Date: 06/09/21

## SAMPLE RESULTS

Lab ID: L2127517-01 D  
 Client ID: B-1 (0.5-1.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 08:20  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	830	77.	5
Dimethyl phthalate	ND		ug/kg	830	170	5
Benzo(a)anthracene	2000		ug/kg	500	93.	5
Benzo(a)pyrene	1800		ug/kg	660	200	5
Benzo(b)fluoranthene	2700		ug/kg	500	140	5
Benzo(k)fluoranthene	910		ug/kg	500	130	5
Chrysene	2400		ug/kg	500	86.	5
Acenaphthylene	ND		ug/kg	660	130	5
Anthracene	460	J	ug/kg	500	160	5
Benzo(ghi)perylene	1400		ug/kg	660	98.	5
Fluorene	180	J	ug/kg	830	80.	5
Phenanthrene	3200		ug/kg	500	100	5
Dibenzo(a,h)anthracene	260	J	ug/kg	500	96.	5
Indeno(1,2,3-cd)pyrene	1400		ug/kg	660	120	5
Pyrene	4500		ug/kg	500	82.	5
Biphenyl	ND		ug/kg	1900	190	5
4-Chloroaniline	ND		ug/kg	830	150	5
2-Nitroaniline	ND		ug/kg	830	160	5
3-Nitroaniline	ND		ug/kg	830	160	5
4-Nitroaniline	ND		ug/kg	830	340	5
Dibenzofuran	ND		ug/kg	830	78.	5
2-Methylnaphthalene	ND		ug/kg	990	100	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	830	86.	5
Acetophenone	ND		ug/kg	830	100	5
2,4,6-Trichlorophenol	ND		ug/kg	500	160	5
p-Chloro-m-cresol	ND		ug/kg	830	120	5
2-Chlorophenol	ND		ug/kg	830	98.	5
2,4-Dichlorophenol	ND		ug/kg	750	130	5
2,4-Dimethylphenol	ND		ug/kg	830	270	5
2-Nitrophenol	ND		ug/kg	1800	310	5
4-Nitrophenol	ND		ug/kg	1200	340	5
2,4-Dinitrophenol	ND		ug/kg	4000	390	5
4,6-Dinitro-o-cresol	ND		ug/kg	2200	400	5
Pentachlorophenol	ND		ug/kg	660	180	5
Phenol	ND		ug/kg	830	120	5
2-Methylphenol	ND		ug/kg	830	130	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1200	130	5

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-01 D  
 Client ID: B-1 (0.5-1.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 08:20  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	830	160	5
Benzoic Acid	ND		ug/kg	2700	840	5
Benzyl Alcohol	ND		ug/kg	830	250	5
Carbazole	670	J	ug/kg	830	80.	5
1,4-Dioxane	ND		ug/kg	120	38.	5

**Tentatively Identified Compounds**

Total TIC Compounds	736	J	ug/kg			5
Unknown Ketone	736	J	ug/kg			5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		25-120
Phenol-d6	42		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	47		30-120
2,4,6-Tribromophenol	40		10-136
4-Terphenyl-d14	42		18-120

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-02  
 Client ID: B-1 (5.5-6.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 08:40  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/07/21 16:04  
 Analyst: IM  
 Percent Solids: 95%

Extraction Method: EPA 3546  
 Extraction Date: 06/05/21 01:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-02

Date Collected: 05/24/21 08:40

Client ID: B-1 (5.5-6.0)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-02  
 Client ID: B-1 (5.5-6.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 08:40  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	65		18-120

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

**Lab ID:** L2127517-03  
**Client ID:** B-2 (1.0-1.5)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/24/21 11:20  
**Date Received:** 05/24/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 06/07/21 16:27  
**Analyst:** ALS  
**Percent Solids:** 93%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/05/21 01:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-03

Date Collected: 05/24/21 11:20

Client ID: B-2 (1.0-1.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

**Lab ID:** L2127517-03  
**Client ID:** B-2 (1.0-1.5)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/24/21 11:20  
**Date Received:** 05/24/21  
**Field Prep:** Not Specified

**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	74		18-120

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-04  
 Client ID: B-3 (3-3.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 12:20  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/07/21 16:50  
 Analyst: ALS  
 Percent Solids: 96%

Extraction Method: EPA 3546  
 Extraction Date: 06/05/21 01:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	30.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	140	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-04

Date Collected: 05/24/21 12:20

Client ID: B-3 (3-3.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	41.	1
Benzo(b)fluoranthene	ND		ug/kg	100	28.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	ND		ug/kg	100	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	380	39.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	360	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	810	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-04  
 Client ID: B-3 (3-3.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 12:20  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	25	7.8	1

**Tentatively Identified Compounds**

Total TIC Compounds	3050	J	ug/kg			1
Unknown	398	J	ug/kg			1
Unknown	620	J	ug/kg			1
Unknown	587	J	ug/kg			1
Unknown	235	J	ug/kg			1
Unknown Organic Acid	224	J	ug/kg			1
Unknown	413	J	ug/kg			1
Unknown	576	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	75		18-120

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-05  
 Client ID: B-4 (2-2.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 12:45  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/07/21 17:12  
 Analyst: ALS  
 Percent Solids: 93%

Extraction Method: EPA 3546  
 Extraction Date: 06/05/21 01:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	31	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: PHASE II INVESTIGATION

Lab Number: L2127517

Project Number: 11895

Report Date: 06/09/21

## SAMPLE RESULTS

Lab ID: L2127517-05

Date Collected: 05/24/21 12:45

Client ID: B-4 (2-2.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	21	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	32	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	40.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-05

Date Collected: 05/24/21 12:45

Client ID: B-4 (2-2.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

**Tentatively Identified Compounds**

Total TIC Compounds	1790	J	ug/kg			1
Unknown	301	J	ug/kg			1
Unknown	392	J	ug/kg			1
Unknown	277	J	ug/kg			1
Unknown Organic Acid	162	J	ug/kg			1
Unknown	430	J	ug/kg			1
Unknown	227	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	59		18-120



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-06  
 Client ID: B-4 (8-8.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 13:00  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/07/21 17:35  
 Analyst: ALS  
 Percent Solids: 84%

Extraction Method: EPA 3546  
 Extraction Date: 06/05/21 01:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	67.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-06

Date Collected: 05/24/21 13:00

Client ID: B-4 (8-8.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	200	35.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-06  
 Client ID: B-4 (8-8.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 13:00  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	60		18-120

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-07  
 Client ID: B-4 (11.5-12.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 13:15  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/07/21 17:58  
 Analyst: ALS  
 Percent Solids: 90%

Extraction Method: EPA 3546  
 Extraction Date: 06/05/21 01:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-07

Date Collected: 05/24/21 13:15

Client ID: B-4 (11.5-12.0)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-07  
 Client ID: B-4 (11.5-12.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 13:15  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

**Tentatively Identified Compounds**

Total TIC Compounds	2820	J	ug/kg			1
Unknown	567	J	ug/kg			1
Unknown	354	J	ug/kg			1
Unknown	315	J	ug/kg			1
Unknown	525	J	ug/kg			1
Unknown	350	J	ug/kg			1
Unknown	492	J	ug/kg			1
Unknown	216	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	56		18-120

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 06/07/21 10:47  
Analyst: IM

Extraction Method: EPA 3546  
Extraction Date: 06/05/21 01:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1507947-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 06/07/21 10:47  
Analyst: IM

Extraction Method: EPA 3546  
Extraction Date: 06/05/21 01:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1507947-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 06/07/21 10:47  
Analyst: IM

Extraction Method: EPA 3546  
Extraction Date: 06/05/21 01:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1507947-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Tentatively Identified Compounds

No Tentatively Identified Compounds      ND      ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	73		18-120

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127517

Project Number: 11895

Report Date: 06/09/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1507947-2 WG1507947-3								
Acenaphthene	85		85		31-137	0		50
1,2,4-Trichlorobenzene	78		79		38-107	1		50
Hexachlorobenzene	72		72		40-140	0		50
Bis(2-chloroethyl)ether	78		78		40-140	0		50
2-Chloronaphthalene	79		78		40-140	1		50
1,2-Dichlorobenzene	80		78		40-140	3		50
1,3-Dichlorobenzene	79		76		40-140	4		50
1,4-Dichlorobenzene	79		78		28-104	1		50
3,3'-Dichlorobenzidine	67		67		40-140	0		50
2,4-Dinitrotoluene	80		81		40-132	1		50
2,6-Dinitrotoluene	79		78		40-140	1		50
Fluoranthene	84		82		40-140	2		50
4-Chlorophenyl phenyl ether	75		73		40-140	3		50
4-Bromophenyl phenyl ether	71		72		40-140	1		50
Bis(2-chloroisopropyl)ether	79		78		40-140	1		50
Bis(2-chloroethoxy)methane	78		78		40-117	0		50
Hexachlorobutadiene	67		66		40-140	2		50
Hexachlorocyclopentadiene	59		60		40-140	2		50
Hexachloroethane	78		78		40-140	0		50
Isophorone	77		78		40-140	1		50
Naphthalene	83		82		40-140	1		50
Nitrobenzene	81		80		40-140	1		50
NDPA/DPA	83		82		36-157	1		50

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127517

Project Number: 11895

Report Date: 06/09/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1507947-2 WG1507947-3								
n-Nitrosodi-n-propylamine	78		77		32-121	1		50
Bis(2-ethylhexyl)phthalate	89		91		40-140	2		50
Butyl benzyl phthalate	86		86		40-140	0		50
Di-n-butylphthalate	88		89		40-140	1		50
Di-n-octylphthalate	89		90		40-140	1		50
Diethyl phthalate	81		82		40-140	1		50
Dimethyl phthalate	76		76		40-140	0		50
Benzo(a)anthracene	80		80		40-140	0		50
Benzo(a)pyrene	89		87		40-140	2		50
Benzo(b)fluoranthene	81		81		40-140	0		50
Benzo(k)fluoranthene	90		85		40-140	6		50
Chrysene	84		83		40-140	1		50
Acenaphthylene	79		77		40-140	3		50
Anthracene	89		89		40-140	0		50
Benzo(ghi)perylene	88		84		40-140	5		50
Fluorene	84		84		40-140	0		50
Phenanthrene	86		84		40-140	2		50
Dibenzo(a,h)anthracene	90		88		40-140	2		50
Indeno(1,2,3-cd)pyrene	87		86		40-140	1		50
Pyrene	84		82		35-142	2		50
Biphenyl	82		81		37-127	1		50
4-Chloroaniline	72		69		40-140	4		50
2-Nitroaniline	81		81		47-134	0		50

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127517

Project Number: 11895

Report Date: 06/09/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1507947-2 WG1507947-3								
3-Nitroaniline	76		74		26-129	3		50
4-Nitroaniline	77		76		41-125	1		50
Dibenzofuran	83		81		40-140	2		50
2-Methylnaphthalene	82		82		40-140	0		50
1,2,4,5-Tetrachlorobenzene	70		69		40-117	1		50
Acetophenone	83		82		14-144	1		50
2,4,6-Trichlorophenol	75		74		30-130	1		50
p-Chloro-m-cresol	84		83		26-103	1		50
2-Chlorophenol	88		86		25-102	2		50
2,4-Dichlorophenol	86		86		30-130	0		50
2,4-Dimethylphenol	85		83		30-130	2		50
2-Nitrophenol	82		84		30-130	2		50
4-Nitrophenol	68		65		11-114	5		50
2,4-Dinitrophenol	56		57		4-130	2		50
4,6-Dinitro-o-cresol	65		67		10-130	3		50
Pentachlorophenol	58		62		17-109	7		50
Phenol	88		88		26-90	0		50
2-Methylphenol	89		88		30-130.	1		50
3-Methylphenol/4-Methylphenol	87		84		30-130	4		50
2,4,5-Trichlorophenol	77		78		30-130	1		50
Benzoic Acid	45		49		10-110	9		50
Benzyl Alcohol	83		82		40-140	1		50
Carbazole	92		90		54-128	2		50

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127517

Project Number: 11895

Report Date: 06/09/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1507947-2 WG1507947-3								
1,4-Dioxane	59		56		40-140	5		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	87		81		25-120
Phenol-d6	86		83		10-120
Nitrobenzene-d5	80		79		23-120
2-Fluorobiphenyl	79		76		30-120
2,4,6-Tribromophenol	74		71		10-136
4-Terphenyl-d14	80		77		18-120

# PCBS

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

**Lab ID:** L2127517-01  
**Client ID:** B-1 (0.5-1.0)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/24/21 08:20  
**Date Received:** 05/24/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/06/21 17:56  
**Analyst:** JAW  
**Percent Solids:** 98%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/05/21 00:31  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/05/21  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	32.4	2.88	1	A
Aroclor 1221	ND		ug/kg	32.4	3.25	1	A
Aroclor 1232	ND		ug/kg	32.4	6.87	1	A
Aroclor 1242	ND		ug/kg	32.4	4.37	1	A
Aroclor 1248	ND		ug/kg	32.4	4.86	1	A
Aroclor 1254	ND		ug/kg	32.4	3.55	1	A
Aroclor 1260	ND		ug/kg	32.4	5.99	1	A
Aroclor 1262	ND		ug/kg	32.4	4.12	1	A
Aroclor 1268	ND		ug/kg	32.4	3.36	1	A
PCBs, Total	ND		ug/kg	32.4	2.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	64		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

**Lab ID:** L2127517-02  
**Client ID:** B-1 (5.5-6.0)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/24/21 08:40  
**Date Received:** 05/24/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/06/21 18:04  
**Analyst:** JAW  
**Percent Solids:** 95%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/05/21 00:31  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/05/21  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	34.2	3.03	1	A
Aroclor 1221	ND		ug/kg	34.2	3.42	1	A
Aroclor 1232	ND		ug/kg	34.2	7.24	1	A
Aroclor 1242	ND		ug/kg	34.2	4.60	1	A
Aroclor 1248	ND		ug/kg	34.2	5.12	1	A
Aroclor 1254	ND		ug/kg	34.2	3.74	1	A
Aroclor 1260	ND		ug/kg	34.2	6.31	1	A
Aroclor 1262	ND		ug/kg	34.2	4.34	1	A
Aroclor 1268	ND		ug/kg	34.2	3.54	1	A
PCBs, Total	ND		ug/kg	34.2	3.03	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	70		30-150	B



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

**Lab ID:** L2127517-03  
**Client ID:** B-2 (1.0-1.5)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/24/21 11:20  
**Date Received:** 05/24/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/06/21 18:12  
**Analyst:** JAW  
**Percent Solids:** 93%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/05/21 00:31  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/05/21  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	35.3	3.14	1	A
Aroclor 1221	ND		ug/kg	35.3	3.54	1	A
Aroclor 1232	ND		ug/kg	35.3	7.49	1	A
Aroclor 1242	ND		ug/kg	35.3	4.76	1	A
Aroclor 1248	ND		ug/kg	35.3	5.30	1	A
Aroclor 1254	ND		ug/kg	35.3	3.86	1	A
Aroclor 1260	ND		ug/kg	35.3	6.53	1	A
Aroclor 1262	ND		ug/kg	35.3	4.48	1	A
Aroclor 1268	ND		ug/kg	35.3	3.66	1	A
PCBs, Total	ND		ug/kg	35.3	3.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	75		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

**Lab ID:** L2127517-04  
**Client ID:** B-3 (3-3.5)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/24/21 12:20  
**Date Received:** 05/24/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/06/21 18:20  
**Analyst:** JAW  
**Percent Solids:** 96%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/05/21 00:31  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/05/21  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	33.3	2.96	1	A
Aroclor 1221	ND		ug/kg	33.3	3.34	1	A
Aroclor 1232	ND		ug/kg	33.3	7.06	1	A
Aroclor 1242	ND		ug/kg	33.3	4.49	1	A
Aroclor 1248	ND		ug/kg	33.3	5.00	1	A
Aroclor 1254	ND		ug/kg	33.3	3.64	1	A
Aroclor 1260	ND		ug/kg	33.3	6.16	1	A
Aroclor 1262	ND		ug/kg	33.3	4.23	1	A
Aroclor 1268	ND		ug/kg	33.3	3.45	1	A
PCBs, Total	ND		ug/kg	33.3	2.96	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	65		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

**Lab ID:** L2127517-05  
**Client ID:** B-4 (2-2.5)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/24/21 12:45  
**Date Received:** 05/24/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/06/21 18:29  
**Analyst:** JAW  
**Percent Solids:** 93%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/05/21 00:31  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/05/21  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	35.5	3.15	1	A
Aroclor 1221	ND		ug/kg	35.5	3.56	1	A
Aroclor 1232	ND		ug/kg	35.5	7.53	1	A
Aroclor 1242	ND		ug/kg	35.5	4.79	1	A
Aroclor 1248	ND		ug/kg	35.5	5.33	1	A
Aroclor 1254	ND		ug/kg	35.5	3.89	1	A
Aroclor 1260	ND		ug/kg	35.5	6.56	1	A
Aroclor 1262	ND		ug/kg	35.5	4.51	1	A
Aroclor 1268	ND		ug/kg	35.5	3.68	1	A
PCBs, Total	ND		ug/kg	35.5	3.15	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	68		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-06  
 Client ID: B-4 (8-8.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 13:00  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 06/06/21 18:37  
 Analyst: JAW  
 Percent Solids: 84%

Extraction Method: EPA 3546  
 Extraction Date: 06/05/21 00:31  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 06/05/21  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 06/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	38.4	3.41	1	A
Aroclor 1221	ND		ug/kg	38.4	3.85	1	A
Aroclor 1232	ND		ug/kg	38.4	8.14	1	A
Aroclor 1242	ND		ug/kg	38.4	5.17	1	A
Aroclor 1248	ND		ug/kg	38.4	5.76	1	A
Aroclor 1254	ND		ug/kg	38.4	4.20	1	A
Aroclor 1260	ND		ug/kg	38.4	7.09	1	A
Aroclor 1262	ND		ug/kg	38.4	4.87	1	A
Aroclor 1268	ND		ug/kg	38.4	3.98	1	A
PCBs, Total	ND		ug/kg	38.4	3.41	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	75		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

**Lab ID:** L2127517-07  
**Client ID:** B-4 (11.5-12.0)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/24/21 13:15  
**Date Received:** 05/24/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/06/21 18:45  
**Analyst:** JAW  
**Percent Solids:** 90%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/05/21 00:31  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/05/21  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	35.7	3.17	1	A
Aroclor 1221	ND		ug/kg	35.7	3.57	1	A
Aroclor 1232	ND		ug/kg	35.7	7.56	1	A
Aroclor 1242	ND		ug/kg	35.7	4.81	1	A
Aroclor 1248	ND		ug/kg	35.7	5.35	1	A
Aroclor 1254	ND		ug/kg	35.7	3.90	1	A
Aroclor 1260	ND		ug/kg	35.7	6.59	1	A
Aroclor 1262	ND		ug/kg	35.7	4.53	1	A
Aroclor 1268	ND		ug/kg	35.7	3.70	1	A
PCBs, Total	ND		ug/kg	35.7	3.17	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	80		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8082A  
Analytical Date: 06/06/21 20:16  
Analyst: JAW

Extraction Method: EPA 3546  
Extraction Date: 06/05/21 00:31  
Cleanup Method: EPA 3665A  
Cleanup Date: 06/05/21  
Cleanup Method: EPA 3660B  
Cleanup Date: 06/05/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-07 Batch: WG1507939-1						
Aroclor 1016	ND		ug/kg	32.7	2.90	A
Aroclor 1221	ND		ug/kg	32.7	3.28	A
Aroclor 1232	ND		ug/kg	32.7	6.94	A
Aroclor 1242	ND		ug/kg	32.7	4.41	A
Aroclor 1248	ND		ug/kg	32.7	4.91	A
Aroclor 1254	ND		ug/kg	32.7	3.58	A
Aroclor 1260	ND		ug/kg	32.7	6.05	A
Aroclor 1262	ND		ug/kg	32.7	4.16	A
Aroclor 1268	ND		ug/kg	32.7	3.39	A
PCBs, Total	ND		ug/kg	32.7	2.90	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	85		30-150	B

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Project Number: 11895

Lab Number: L2127517

Report Date: 06/09/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-07 Batch: WG1507939-2 WG1507939-3									
Aroclor 1016	71		75		40-140	5		50	A
Aroclor 1260	66		67		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		77		30-150	A
Decachlorobiphenyl	71		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		78		30-150	B
Decachlorobiphenyl	81		81		30-150	B

# PESTICIDES



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-01 D  
 Client ID: B-1 (0.5-1.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 08:20  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 06/06/21 13:04  
 Analyst: SDC  
 Percent Solids: 98%

Extraction Method: EPA 3546  
 Extraction Date: 06/05/21 01:17  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 06/06/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	7.82	1.53	5	A
Lindane	ND		ug/kg	3.26	1.46	5	A
Alpha-BHC	ND		ug/kg	3.26	0.926	5	A
Beta-BHC	ND		ug/kg	7.82	2.97	5	A
Heptachlor	ND		ug/kg	3.91	1.75	5	A
Aldrin	ND		ug/kg	7.82	2.76	5	A
Heptachlor epoxide	ND		ug/kg	14.7	4.40	5	A
Endrin	ND		ug/kg	3.26	1.34	5	A
Endrin aldehyde	ND		ug/kg	9.78	3.42	5	A
Endrin ketone	ND		ug/kg	7.82	2.01	5	A
Dieldrin	ND		ug/kg	4.89	2.44	5	A
4,4'-DDE	ND		ug/kg	7.82	1.81	5	A
4,4'-DDD	ND		ug/kg	7.82	2.79	5	A
4,4'-DDT	ND		ug/kg	14.7	6.29	5	A
Endosulfan I	ND		ug/kg	7.82	1.85	5	A
Endosulfan II	ND		ug/kg	7.82	2.61	5	A
Endosulfan sulfate	ND		ug/kg	3.26	1.55	5	A
Methoxychlor	ND		ug/kg	14.7	4.56	5	A
Toxaphene	ND		ug/kg	147	41.1	5	A
cis-Chlordane	ND		ug/kg	9.78	2.72	5	A
trans-Chlordane	ND		ug/kg	9.78	2.58	5	A
Chlordane	ND		ug/kg	65.2	25.9	5	A

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-01 D

Date Collected: 05/24/21 08:20

Client ID: B-1 (0.5-1.0)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	18	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	60		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

**Lab ID:** L2127517-02  
**Client ID:** B-1 (5.5-6.0)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/24/21 08:40  
**Date Received:** 05/24/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8081B  
**Analytical Date:** 06/06/21 13:15  
**Analyst:** SDC  
**Percent Solids:** 95%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/05/21 01:17  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 06/06/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	1.63	0.319	1	A
Lindane	ND		ug/kg	0.679	0.303	1	A
Alpha-BHC	ND		ug/kg	0.679	0.193	1	A
Beta-BHC	ND		ug/kg	1.63	0.618	1	A
Heptachlor	ND		ug/kg	0.814	0.365	1	A
Aldrin	ND		ug/kg	1.63	0.574	1	A
Heptachlor epoxide	ND		ug/kg	3.05	0.916	1	A
Endrin	ND		ug/kg	0.679	0.278	1	A
Endrin aldehyde	ND		ug/kg	2.04	0.713	1	A
Endrin ketone	ND		ug/kg	1.63	0.419	1	A
Dieldrin	ND		ug/kg	1.02	0.509	1	A
4,4'-DDE	ND		ug/kg	1.63	0.377	1	A
4,4'-DDD	ND		ug/kg	1.63	0.581	1	A
4,4'-DDT	ND		ug/kg	3.05	1.31	1	A
Endosulfan I	ND		ug/kg	1.63	0.385	1	A
Endosulfan II	ND		ug/kg	1.63	0.544	1	A
Endosulfan sulfate	ND		ug/kg	0.679	0.323	1	A
Methoxychlor	ND		ug/kg	3.05	0.950	1	A
Toxaphene	ND		ug/kg	30.5	8.55	1	A
cis-Chlordane	ND		ug/kg	2.04	0.567	1	A
trans-Chlordane	ND		ug/kg	2.04	0.538	1	A
Chlordane	ND		ug/kg	13.6	5.40	1	A

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-02  
 Client ID: B-1 (5.5-6.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 08:40  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	76		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

**Lab ID:** L2127517-03  
**Client ID:** B-2 (1.0-1.5)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/24/21 11:20  
**Date Received:** 05/24/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8081B  
**Analytical Date:** 06/06/21 13:26  
**Analyst:** SDC  
**Percent Solids:** 93%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/05/21 01:17  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 06/06/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	1.70	0.333	1	A
Lindane	ND		ug/kg	0.709	0.317	1	A
Alpha-BHC	ND		ug/kg	0.709	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.645	1	A
Heptachlor	ND		ug/kg	0.850	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.599	1	A
Heptachlor epoxide	ND		ug/kg	3.19	0.957	1	A
Endrin	ND		ug/kg	0.709	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.744	1	A
Endrin ketone	ND		ug/kg	1.70	0.438	1	A
Dieldrin	ND		ug/kg	1.06	0.532	1	A
4,4'-DDE	ND		ug/kg	1.70	0.393	1	A
4,4'-DDD	ND		ug/kg	1.70	0.607	1	A
4,4'-DDT	ND		ug/kg	3.19	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.402	1	A
Endosulfan II	ND		ug/kg	1.70	0.568	1	A
Endosulfan sulfate	ND		ug/kg	0.709	0.337	1	A
Methoxychlor	ND		ug/kg	3.19	0.992	1	A
Toxaphene	ND		ug/kg	31.9	8.93	1	A
cis-Chlordane	ND		ug/kg	2.13	0.592	1	A
trans-Chlordane	ND		ug/kg	2.13	0.561	1	A
Chlordane	ND		ug/kg	14.2	5.63	1	A

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-03  
 Client ID: B-2 (1.0-1.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 11:20  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	76		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-04  
 Client ID: B-3 (3-3.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 12:20  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 06/06/21 13:37  
 Analyst: SDC  
 Percent Solids: 96%

Extraction Method: EPA 3546  
 Extraction Date: 06/05/21 01:17  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 06/06/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	1.63	0.319	1	A
Lindane	ND		ug/kg	0.678	0.303	1	A
Alpha-BHC	ND		ug/kg	0.678	0.192	1	A
Beta-BHC	ND		ug/kg	1.63	0.617	1	A
Heptachlor	ND		ug/kg	0.814	0.365	1	A
Aldrin	ND		ug/kg	1.63	0.573	1	A
Heptachlor epoxide	ND		ug/kg	3.05	0.915	1	A
Endrin	ND		ug/kg	0.678	0.278	1	A
Endrin aldehyde	ND		ug/kg	2.03	0.712	1	A
Endrin ketone	ND		ug/kg	1.63	0.419	1	A
Dieldrin	ND		ug/kg	1.02	0.508	1	A
4,4'-DDE	ND		ug/kg	1.63	0.376	1	A
4,4'-DDD	ND		ug/kg	1.63	0.580	1	A
4,4'-DDT	ND		ug/kg	3.05	1.31	1	A
Endosulfan I	ND		ug/kg	1.63	0.384	1	A
Endosulfan II	ND		ug/kg	1.63	0.544	1	A
Endosulfan sulfate	ND		ug/kg	0.678	0.323	1	A
Methoxychlor	ND		ug/kg	3.05	0.949	1	A
Toxaphene	ND		ug/kg	30.5	8.54	1	A
cis-Chlordane	ND		ug/kg	2.03	0.567	1	A
trans-Chlordane	ND		ug/kg	2.03	0.537	1	A
Chlordane	ND		ug/kg	13.6	5.39	1	A

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-04  
 Client ID: B-3 (3-3.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 12:20  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	77		30-150	B



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-05  
 Client ID: B-4 (2-2.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 12:45  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 06/06/21 13:48  
 Analyst: SDC  
 Percent Solids: 93%

Extraction Method: EPA 3546  
 Extraction Date: 06/05/21 01:17  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 06/06/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	1.69	0.330	1	A
Lindane	ND		ug/kg	0.703	0.314	1	A
Alpha-BHC	ND		ug/kg	0.703	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.639	1	A
Heptachlor	ND		ug/kg	0.843	0.378	1	A
Aldrin	ND		ug/kg	1.69	0.594	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.948	1	A
Endrin	ND		ug/kg	0.703	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.738	1	A
Endrin ketone	ND		ug/kg	1.69	0.434	1	A
Dieldrin	ND		ug/kg	1.05	0.527	1	A
4,4'-DDE	ND		ug/kg	1.69	0.390	1	A
4,4'-DDD	ND		ug/kg	1.69	0.601	1	A
4,4'-DDT	ND		ug/kg	3.16	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.398	1	A
Endosulfan II	ND		ug/kg	1.69	0.564	1	A
Endosulfan sulfate	ND		ug/kg	0.703	0.334	1	A
Methoxychlor	ND		ug/kg	3.16	0.984	1	A
Toxaphene	ND		ug/kg	31.6	8.85	1	A
cis-Chlordane	ND		ug/kg	2.11	0.587	1	A
trans-Chlordane	ND		ug/kg	2.11	0.556	1	A
Chlordane	ND		ug/kg	14.0	5.58	1	A

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-05  
 Client ID: B-4 (2-2.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 12:45  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	80		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-06  
 Client ID: B-4 (8-8.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 13:00  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 06/06/21 13:59  
 Analyst: SDC  
 Percent Solids: 84%

Extraction Method: EPA 3546  
 Extraction Date: 06/05/21 01:17  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 06/06/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.771	0.345	1	A
Alpha-BHC	ND		ug/kg	0.771	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.702	1	A
Heptachlor	ND		ug/kg	0.925	0.415	1	A
Aldrin	ND		ug/kg	1.85	0.652	1	A
Heptachlor epoxide	ND		ug/kg	3.47	1.04	1	A
Endrin	ND		ug/kg	0.771	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.810	1	A
Endrin ketone	ND		ug/kg	1.85	0.477	1	A
Dieldrin	ND		ug/kg	1.16	0.578	1	A
4,4'-DDE	ND		ug/kg	1.85	0.428	1	A
4,4'-DDD	ND		ug/kg	1.85	0.660	1	A
4,4'-DDT	ND		ug/kg	3.47	1.49	1	A
Endosulfan I	ND		ug/kg	1.85	0.437	1	A
Endosulfan II	ND		ug/kg	1.85	0.618	1	A
Endosulfan sulfate	ND		ug/kg	0.771	0.367	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.72	1	A
cis-Chlordane	ND		ug/kg	2.31	0.645	1	A
trans-Chlordane	ND		ug/kg	2.31	0.611	1	A
Chlordane	ND		ug/kg	15.4	6.13	1	A

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-06

Date Collected: 05/24/21 13:00

Client ID: B-4 (8-8.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	81		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**SAMPLE RESULTS**

Lab ID: L2127517-07  
 Client ID: B-4 (11.5-12.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/24/21 13:15  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 06/06/21 14:10  
 Analyst: SDC  
 Percent Solids: 90%

Extraction Method: EPA 3546  
 Extraction Date: 06/05/21 01:17  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 06/06/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	1.74	0.342	1	A
Lindane	ND		ug/kg	0.727	0.325	1	A
Alpha-BHC	ND		ug/kg	0.727	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.662	1	A
Heptachlor	ND		ug/kg	0.872	0.391	1	A
Aldrin	ND		ug/kg	1.74	0.614	1	A
Heptachlor epoxide	ND		ug/kg	3.27	0.981	1	A
Endrin	ND		ug/kg	0.727	0.298	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.763	1	A
Endrin ketone	ND		ug/kg	1.74	0.449	1	A
Dieldrin	ND		ug/kg	1.09	0.545	1	A
4,4'-DDE	ND		ug/kg	1.74	0.403	1	A
4,4'-DDD	ND		ug/kg	1.74	0.622	1	A
4,4'-DDT	ND		ug/kg	3.27	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.412	1	A
Endosulfan II	ND		ug/kg	1.74	0.583	1	A
Endosulfan sulfate	ND		ug/kg	0.727	0.346	1	A
Methoxychlor	ND		ug/kg	3.27	1.02	1	A
Toxaphene	ND		ug/kg	32.7	9.16	1	A
cis-Chlordane	ND		ug/kg	2.18	0.608	1	A
trans-Chlordane	ND		ug/kg	2.18	0.576	1	A
Chlordane	ND		ug/kg	14.5	5.78	1	A

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-07

Date Collected: 05/24/21 13:15

Client ID: B-4 (11.5-12.0)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	83		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 06/06/21 12:32  
Analyst: SDC

Extraction Method: EPA 3546  
Extraction Date: 06/05/21 01:17  
Cleanup Method: EPA 3620B  
Cleanup Date: 06/06/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-07 Batch: WG1507945-1						
Delta-BHC	ND		ug/kg	1.53	0.300	A
Lindane	ND		ug/kg	0.638	0.285	A
Alpha-BHC	ND		ug/kg	0.638	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.581	A
Heptachlor	ND		ug/kg	0.766	0.343	A
Aldrin	ND		ug/kg	1.53	0.539	A
Heptachlor epoxide	ND		ug/kg	2.87	0.862	A
Endrin	ND		ug/kg	0.638	0.262	A
Endrin aldehyde	ND		ug/kg	1.91	0.670	A
Endrin ketone	ND		ug/kg	1.53	0.394	A
Dieldrin	ND		ug/kg	0.957	0.479	A
4,4'-DDE	ND		ug/kg	1.53	0.354	A
4,4'-DDD	ND		ug/kg	1.53	0.546	A
4,4'-DDT	ND		ug/kg	2.87	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.362	A
Endosulfan II	ND		ug/kg	1.53	0.512	A
Endosulfan sulfate	ND		ug/kg	0.638	0.304	A
Methoxychlor	ND		ug/kg	2.87	0.893	A
Toxaphene	ND		ug/kg	28.7	8.04	A
cis-Chlordane	ND		ug/kg	1.91	0.534	A
trans-Chlordane	ND		ug/kg	1.91	0.505	A
Chlordane	ND		ug/kg	12.8	5.07	A

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 06/06/21 12:32  
Analyst: SDC

Extraction Method: EPA 3546  
Extraction Date: 06/05/21 01:17  
Cleanup Method: EPA 3620B  
Cleanup Date: 06/06/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-07 Batch: WG1507945-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	92		30-150	B



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Project Number: 11895

Lab Number: L2127517

Report Date: 06/09/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-07 Batch: WG1507945-2 WG1507945-3									
Delta-BHC	80		68		30-150	16		30	A
Lindane	76		64		30-150	17		30	A
Alpha-BHC	79		68		30-150	15		30	A
Beta-BHC	73		62		30-150	16		30	A
Heptachlor	75		64		30-150	16		30	A
Aldrin	75		64		30-150	16		30	A
Heptachlor epoxide	72		62		30-150	15		30	A
Endrin	80		68		30-150	16		30	A
Endrin aldehyde	67		53		30-150	23		30	A
Endrin ketone	82		68		30-150	19		30	A
Dieldrin	84		71		30-150	17		30	A
4,4'-DDE	76		66		30-150	14		30	A
4,4'-DDD	82		72		30-150	13		30	A
4,4'-DDT	84		77		30-150	9		30	A
Endosulfan I	71		63		30-150	12		30	A
Endosulfan II	84		70		30-150	18		30	A
Endosulfan sulfate	67		55		30-150	20		30	A
Methoxychlor	94		78		30-150	19		30	A
cis-Chlordane	63		54		30-150	15		30	A
trans-Chlordane	78		67		30-150	15		30	A

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Project Number: 11895

Lab Number: L2127517

Report Date: 06/09/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-07 Batch: WG1507945-2 WG1507945-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		62		30-150	A
Decachlorobiphenyl	98		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		63		30-150	B
Decachlorobiphenyl	100		85		30-150	B

## METALS

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-01  
 Client ID: B-1 (0.5-1.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT  
 CHESTER, NY

Date Collected: 05/24/21 08:20  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Percent Solids: 98%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	14300		mg/kg	8.04	2.17	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.02	0.306	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV
Arsenic, Total	1.04		mg/kg	0.804	0.167	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV
Barium, Total	107		mg/kg	0.804	0.140	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV
Beryllium, Total	0.780		mg/kg	0.402	0.027	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV
Cadmium, Total	0.571	J	mg/kg	0.804	0.079	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV
Calcium, Total	1420		mg/kg	8.04	2.82	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV
Chromium, Total	28.0		mg/kg	0.804	0.077	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV
Cobalt, Total	15.4		mg/kg	1.61	0.134	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV
Copper, Total	27.1		mg/kg	0.804	0.208	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV
Iron, Total	28800		mg/kg	4.02	0.726	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV
Lead, Total	25.8		mg/kg	4.02	0.216	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV
Magnesium, Total	4980		mg/kg	8.04	1.24	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV
Manganese, Total	246		mg/kg	0.804	0.128	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.073	0.048	1	06/02/21 22:17	06/03/21 19:03	EPA 7471B	1,7471B	OU
Nickel, Total	21.8		mg/kg	2.01	0.195	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV
Potassium, Total	5220		mg/kg	201	11.6	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV
Selenium, Total	0.780	J	mg/kg	1.61	0.208	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.804	0.228	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV
Sodium, Total	204		mg/kg	161	2.53	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.61	0.253	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV
Vanadium, Total	33.1		mg/kg	0.804	0.163	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV
Zinc, Total	76.1		mg/kg	4.02	0.236	2	06/02/21 21:53	06/04/21 16:33	EPA 3050B	1,6010D	BV



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-02

Date Collected: 05/24/21 08:40

Client ID: B-1 (5.5-6.0)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT  
CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	3360		mg/kg	8.40	2.27	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.20	0.319	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV
Arsenic, Total	0.294	J	mg/kg	0.840	0.175	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV
Barium, Total	18.9		mg/kg	0.840	0.146	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV
Beryllium, Total	0.160	J	mg/kg	0.420	0.028	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV
Cadmium, Total	0.143	J	mg/kg	0.840	0.082	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV
Calcium, Total	556		mg/kg	8.40	2.94	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV
Chromium, Total	5.22		mg/kg	0.840	0.081	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV
Cobalt, Total	2.99		mg/kg	1.68	0.140	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV
Copper, Total	3.73		mg/kg	0.840	0.217	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV
Iron, Total	7540		mg/kg	4.20	0.759	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV
Lead, Total	7.60		mg/kg	4.20	0.225	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV
Magnesium, Total	1110		mg/kg	8.40	1.29	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV
Manganese, Total	44.6		mg/kg	0.840	0.134	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.072	0.047	1	06/02/21 22:17	06/03/21 19:07	EPA 7471B	1,7471B	OU
Nickel, Total	4.82		mg/kg	2.10	0.203	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV
Potassium, Total	902		mg/kg	210	12.1	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.68	0.217	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.840	0.238	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV
Sodium, Total	40.6	J	mg/kg	168	2.65	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.68	0.265	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV
Vanadium, Total	5.67		mg/kg	0.840	0.171	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV
Zinc, Total	16.2		mg/kg	4.20	0.246	2	06/02/21 21:53	06/04/21 20:29	EPA 3050B	1,6010D	BV



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-03

Date Collected: 05/24/21 11:20

Client ID: B-2 (1.0-1.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT  
CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	8660		mg/kg	8.49	2.29	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV
Antimony, Total	0.730	J	mg/kg	4.24	0.322	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV
Arsenic, Total	3.56		mg/kg	0.849	0.176	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV
Barium, Total	159		mg/kg	0.849	0.148	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV
Beryllium, Total	0.306	J	mg/kg	0.424	0.028	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV
Cadmium, Total	1.23		mg/kg	0.849	0.083	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV
Calcium, Total	12400		mg/kg	8.49	2.97	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV
Chromium, Total	47.4		mg/kg	0.849	0.082	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV
Cobalt, Total	9.16		mg/kg	1.70	0.141	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV
Copper, Total	44.7		mg/kg	0.849	0.219	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV
Iron, Total	34000		mg/kg	4.24	0.766	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV
Lead, Total	317		mg/kg	4.24	0.227	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV
Magnesium, Total	3200		mg/kg	8.49	1.31	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV
Manganese, Total	276		mg/kg	0.849	0.135	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV
Mercury, Total	1.63		mg/kg	0.074	0.048	1	06/02/21 22:17	06/03/21 19:17	EPA 7471B	1,7471B	OU
Nickel, Total	21.7		mg/kg	2.12	0.205	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV
Potassium, Total	3270		mg/kg	212	12.2	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV
Selenium, Total	1.18	J	mg/kg	1.70	0.219	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV
Silver, Total	0.390	J	mg/kg	0.849	0.240	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV
Sodium, Total	234		mg/kg	170	2.67	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.70	0.267	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV
Vanadium, Total	24.0		mg/kg	0.849	0.172	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV
Zinc, Total	278		mg/kg	4.24	0.249	2	06/02/21 21:53	06/04/21 20:34	EPA 3050B	1,6010D	BV



Project Name: PHASE II INVESTIGATION

Lab Number: L2127517

Project Number: 11895

Report Date: 06/09/21

## SAMPLE RESULTS

Lab ID: L2127517-04

Date Collected: 05/24/21 12:20

Client ID: B-3 (3-3.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	22300		mg/kg	7.94	2.14	2	06/02/21 21:53	06/04/21 20:38	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	3.97	0.302	2	06/02/21 21:53	06/04/21 20:38	EPA 3050B	1,6010D	BV
Arsenic, Total	ND		mg/kg	0.794	0.165	2	06/02/21 21:53	06/04/21 20:38	EPA 3050B	1,6010D	BV
Barium, Total	224		mg/kg	0.794	0.138	2	06/02/21 21:53	06/04/21 20:38	EPA 3050B	1,6010D	BV
Beryllium, Total	1.16		mg/kg	0.397	0.026	2	06/02/21 21:53	06/04/21 20:38	EPA 3050B	1,6010D	BV
Cadmium, Total	0.786	J	mg/kg	0.794	0.078	2	06/02/21 21:53	06/04/21 20:38	EPA 3050B	1,6010D	BV
Calcium, Total	1780		mg/kg	7.94	2.78	2	06/02/21 21:53	06/04/21 20:38	EPA 3050B	1,6010D	BV
Chromium, Total	42.7		mg/kg	0.794	0.076	2	06/02/21 21:53	06/04/21 20:38	EPA 3050B	1,6010D	BV
Cobalt, Total	16.7		mg/kg	1.59	0.132	2	06/02/21 21:53	06/04/21 20:38	EPA 3050B	1,6010D	BV
Copper, Total	58.8		mg/kg	0.794	0.205	2	06/02/21 21:53	06/04/21 20:38	EPA 3050B	1,6010D	BV
Iron, Total	60400		mg/kg	39.7	7.17	20	06/02/21 21:53	06/08/21 23:23	EPA 3050B	1,6010D	SV
Lead, Total	15.5		mg/kg	3.97	0.213	2	06/02/21 21:53	06/04/21 20:38	EPA 3050B	1,6010D	BV
Magnesium, Total	8080		mg/kg	7.94	1.22	2	06/02/21 21:53	06/04/21 20:38	EPA 3050B	1,6010D	BV
Manganese, Total	348		mg/kg	0.794	0.126	2	06/02/21 21:53	06/04/21 20:38	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.074	0.048	1	06/02/21 22:17	06/03/21 19:20	EPA 7471B	1,7471B	OU
Nickel, Total	23.4		mg/kg	1.98	0.192	2	06/02/21 21:53	06/04/21 20:38	EPA 3050B	1,6010D	BV
Potassium, Total	9900		mg/kg	198	11.4	2	06/02/21 21:53	06/04/21 20:38	EPA 3050B	1,6010D	BV
Selenium, Total	0.833	J	mg/kg	1.59	0.205	2	06/02/21 21:53	06/04/21 20:38	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.794	0.225	2	06/02/21 21:53	06/04/21 20:38	EPA 3050B	1,6010D	BV
Sodium, Total	373		mg/kg	159	2.50	2	06/02/21 21:53	06/04/21 20:38	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.59	0.250	2	06/02/21 21:53	06/04/21 20:38	EPA 3050B	1,6010D	BV
Vanadium, Total	62.1		mg/kg	0.794	0.161	2	06/02/21 21:53	06/04/21 20:38	EPA 3050B	1,6010D	BV
Zinc, Total	95.5		mg/kg	3.97	0.232	2	06/02/21 21:53	06/04/21 20:38	EPA 3050B	1,6010D	BV



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-05

Date Collected: 05/24/21 12:45

Client ID: B-4 (2-2.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT  
CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	9680		mg/kg	8.23	2.22	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.11	0.313	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV
Arsenic, Total	3.32		mg/kg	0.823	0.171	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV
Barium, Total	124		mg/kg	0.823	0.143	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV
Beryllium, Total	0.420		mg/kg	0.411	0.027	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV
Cadmium, Total	0.378	J	mg/kg	0.823	0.081	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV
Calcium, Total	2180		mg/kg	8.23	2.88	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV
Chromium, Total	20.0		mg/kg	0.823	0.079	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV
Cobalt, Total	7.96		mg/kg	1.64	0.137	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV
Copper, Total	24.4		mg/kg	0.823	0.212	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV
Iron, Total	14800		mg/kg	4.11	0.743	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV
Lead, Total	265		mg/kg	4.11	0.220	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV
Magnesium, Total	4010		mg/kg	8.23	1.27	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV
Manganese, Total	267		mg/kg	0.823	0.131	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV
Mercury, Total	1.90		mg/kg	0.068	0.044	1	06/02/21 22:17	06/03/21 19:23	EPA 7471B	1,7471B	OU
Nickel, Total	19.9		mg/kg	2.06	0.199	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV
Potassium, Total	1880		mg/kg	206	11.8	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV
Selenium, Total	0.346	J	mg/kg	1.64	0.212	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.823	0.233	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV
Sodium, Total	160	J	mg/kg	164	2.59	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.64	0.259	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV
Vanadium, Total	24.8		mg/kg	0.823	0.167	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV
Zinc, Total	114		mg/kg	4.11	0.241	2	06/02/21 21:53	06/04/21 21:17	EPA 3050B	1,6010D	BV





**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-06

Date Collected: 05/24/21 13:00

Client ID: B-4 (8-8.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT  
CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	12100		mg/kg	9.36	2.53	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.68	0.356	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV
Arsenic, Total	ND		mg/kg	0.936	0.195	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV
Barium, Total	122		mg/kg	0.936	0.163	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV
Beryllium, Total	0.674		mg/kg	0.468	0.031	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV
Cadmium, Total	0.356	J	mg/kg	0.936	0.092	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV
Calcium, Total	897		mg/kg	9.36	3.28	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV
Chromium, Total	23.8		mg/kg	0.936	0.090	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV
Cobalt, Total	11.6		mg/kg	1.87	0.155	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV
Copper, Total	21.2		mg/kg	0.936	0.241	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV
Iron, Total	22800		mg/kg	4.68	0.845	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV
Lead, Total	12.5		mg/kg	4.68	0.251	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV
Magnesium, Total	4070		mg/kg	9.36	1.44	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV
Manganese, Total	302		mg/kg	0.936	0.149	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.077	0.050	1	06/02/21 22:17	06/03/21 19:26	EPA 7471B	1,7471B	OU
Nickel, Total	22.7		mg/kg	2.34	0.226	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV
Potassium, Total	6860		mg/kg	234	13.5	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV
Selenium, Total	0.562	J	mg/kg	1.87	0.241	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.936	0.265	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV
Sodium, Total	228		mg/kg	187	2.95	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.87	0.295	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV
Vanadium, Total	27.4		mg/kg	0.936	0.190	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV
Zinc, Total	58.8		mg/kg	4.68	0.274	2	06/02/21 21:53	06/04/21 21:22	EPA 3050B	1,6010D	BV



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-07  
 Client ID: B-4 (11.5-12.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT  
 CHESTER, NY

Date Collected: 05/24/21 13:15  
 Date Received: 05/24/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	15800		mg/kg	8.70	2.35	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.35	0.330	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV
Arsenic, Total	ND		mg/kg	0.870	0.181	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV
Barium, Total	162		mg/kg	0.870	0.151	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV
Beryllium, Total	0.826		mg/kg	0.435	0.029	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV
Cadmium, Total	0.530	J	mg/kg	0.870	0.085	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV
Calcium, Total	1630		mg/kg	8.70	3.04	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV
Chromium, Total	42.1		mg/kg	0.870	0.084	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV
Cobalt, Total	13.8		mg/kg	1.74	0.144	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV
Copper, Total	32.1		mg/kg	0.870	0.224	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV
Iron, Total	34800		mg/kg	4.35	0.785	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV
Lead, Total	12.5		mg/kg	4.35	0.233	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV
Magnesium, Total	6500		mg/kg	8.70	1.34	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV
Manganese, Total	351		mg/kg	0.870	0.138	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.070	0.046	1	06/02/21 22:17	06/03/21 19:30	EPA 7471B	1,7471B	OU
Nickel, Total	24.0		mg/kg	2.17	0.210	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV
Potassium, Total	11300		mg/kg	217	12.5	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV
Selenium, Total	0.643	J	mg/kg	1.74	0.224	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.870	0.246	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV
Sodium, Total	511		mg/kg	174	2.74	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.74	0.274	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV
Vanadium, Total	51.0		mg/kg	0.870	0.176	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV
Zinc, Total	85.9		mg/kg	4.35	0.255	2	06/02/21 21:53	06/04/21 21:26	EPA 3050B	1,6010D	BV



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

## Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-07 Batch: WG1506188-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV
Antimony, Total	0.188	J	mg/kg	2.00	0.152	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV
Barium, Total	ND		mg/kg	0.400	0.070	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV
Copper, Total	ND		mg/kg	0.400	0.103	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV
Iron, Total	ND		mg/kg	2.00	0.361	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV
Lead, Total	ND		mg/kg	2.00	0.107	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV
Potassium, Total	ND		mg/kg	100	5.76	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV
Silver, Total	ND		mg/kg	0.400	0.113	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/02/21 21:53	06/04/21 16:10	1,6010D	BV

### Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-07 Batch: WG1506190-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/02/21 22:17	06/03/21 18:37	1,7471B	OU



**Project Name:** PHASE II INVESTIGATION

**Lab Number:** L2127517

**Project Number:** 11895

**Report Date:** 06/09/21

## Method Blank Analysis Batch Quality Control

### Prep Information

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Digestion Method: EPA 7471B

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PHASE II INVESTIGATION

**Project Number:** 11895

**Lab Number:** L2127517

**Report Date:** 06/09/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG1506188-2 SRM Lot Number: D109-540								
Aluminum, Total	61		-		50-150	-		
Antimony, Total	132		-		19-250	-		
Arsenic, Total	101		-		70-130	-		
Barium, Total	94		-		75-125	-		
Beryllium, Total	101		-		75-125	-		
Cadmium, Total	99		-		75-125	-		
Calcium, Total	96		-		73-128	-		
Chromium, Total	97		-		70-130	-		
Cobalt, Total	102		-		75-125	-		
Copper, Total	95		-		75-125	-		
Iron, Total	96		-		35-165	-		
Lead, Total	94		-		72-128	-		
Magnesium, Total	81		-		62-138	-		
Manganese, Total	92		-		74-126	-		
Nickel, Total	101		-		70-130	-		
Potassium, Total	78		-		59-141	-		
Selenium, Total	102		-		68-132	-		
Silver, Total	95		-		68-131	-		
Sodium, Total	102		-		35-165	-		
Thallium, Total	96		-		68-131	-		
Vanadium, Total	97		-		59-141	-		

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** PHASE II INVESTIGATION

**Project Number:** 11895

**Lab Number:** L2127517

**Report Date:** 06/09/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG1506188-2 SRM Lot Number: D109-540					
Zinc, Total	96	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG1506190-2 SRM Lot Number: D109-540					
Mercury, Total	108	-	60-140	-	

### Matrix Spike Analysis Batch Quality Control

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1506188-3 WG1506188-4 QC Sample: L2125817-01 Client ID: MS Sample												
Aluminum, Total	6300	199	7810	760	Q	7460	580	Q	75-125	5		20
Antimony, Total	ND	49.7	37.9	76		37.7	75		75-125	1		20
Arsenic, Total	5.65	11.9	16.8	94		16.8	93		75-125	0		20
Barium, Total	30.9	199	204	87		240	104		75-125	16		20
Beryllium, Total	3.08	4.97	7.70	93		7.85	95		75-125	2		20
Cadmium, Total	0.582J	5.07	5.07	100		5.32	104		75-125	5		20
Calcium, Total	26200	994	33800	765	Q	29700	350	Q	75-125	13		20
Chromium, Total	8.83	19.9	28.0	96		28.3	97		75-125	1		20
Cobalt, Total	8.66	49.7	52.3	88		54.7	92		75-125	4		20
Copper, Total	17.6	24.8	39.6	88		40.7	92		75-125	3		20
Iron, Total	23300	99.4	23300	0	Q	21100	0	Q	75-125	10		20
Lead, Total	57.9	50.7	90.6	64	Q	203	284	Q	75-125	77	Q	20
Magnesium, Total	19800	994	26200	644	Q	24400	460	Q	75-125	7		20
Manganese, Total	565	49.7	577	24	Q	656	182	Q	75-125	13		20
Nickel, Total	18.4	49.7	62.4	88		63.0	89		75-125	1		20
Potassium, Total	2720	994	5000	229	Q	4650	193	Q	75-125	7		20
Selenium, Total	ND	11.9	10.9	91		11.0	92		75-125	1		20
Silver, Total	ND	29.8	4.62	15	Q	4.70	16	Q	75-125	2		20
Sodium, Total	36.7J	994	898	90		922	92		75-125	3		20
Thallium, Total	ND	11.9	9.07	76		9.12	76		75-125	1		20
Vanadium, Total	19.3	49.7	67.2	96		68.5	98		75-125	2		20

**Matrix Spike Analysis**  
Batch Quality Control

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>RPD Limits</b>
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1506188-3 WG1506188-4 QC Sample: L2125817-01 Client ID: MS Sample									
Zinc, Total	129	49.7	168	78	174	90	75-125	4	20



### Matrix Spike Analysis Batch Quality Control

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits		
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1506188-7 WG1506188-8 QC Sample: L2128089-08 Client ID: MS Sample											
Aluminum, Total	4390	187	4900	272	Q	5620	664	Q	75-125	14	20
Antimony, Total	0.369J	46.8	38.9	83		35.3	76		75-125	10	20
Arsenic, Total	7.69	11.2	20.4	113		19.6	107		75-125	4	20
Barium, Total	418	187	712	157	Q	589	92		75-125	19	20
Beryllium, Total	0.226J	4.68	4.59	98		4.54	98		75-125	1	20
Cadmium, Total	0.890	4.78	5.59	98		4.81	83		75-125	15	20
Calcium, Total	63600	936	56500	0	Q	53700	0	Q	75-125	5	20
Chromium, Total	11.2	18.7	33.7	120		32.2	113		75-125	5	20
Cobalt, Total	4.10	46.8	45.2	88		43.4	85		75-125	4	20
Copper, Total	83.6	23.4	88.7	22	Q	82.2	0	Q	75-125	8	20
Iron, Total	10100	93.6	34400	26000	Q	12200	2270	Q	75-125	95	Q 20
Lead, Total	607	47.8	661	113		595	0	Q	75-125	11	20
Magnesium, Total	4950	936	5230	30	Q	5660	77		75-125	8	20
Manganese, Total	257	46.8	379	260	Q	325	147	Q	75-125	15	20
Nickel, Total	12.0	46.8	52.9	87		51.7	86		75-125	2	20
Potassium, Total	1130	936	2060	99		2170	112		75-125	5	20
Selenium, Total	0.711J	11.2	9.48	84		10.7	96		75-125	12	20
Silver, Total	ND	28.1	4.91	17	Q	4.70	17	Q	75-125	4	20
Sodium, Total	138	936	1130	106		1080	102		75-125	5	20
Thallium, Total	ND	11.2	8.15	72	Q	7.88	71	Q	75-125	3	20
Vanadium, Total	19.3	46.8	62.8	93		64.7	98		75-125	3	20

### Matrix Spike Analysis Batch Quality Control

**Project Name:** PHASE II INVESTIGATION

**Lab Number:** L2127517

**Project Number:** 11895

**Report Date:** 06/09/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits	
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1506188-7 WG1506188-8 QC Sample: L2128089-08 Client ID: MS Sample										
Zinc, Total	483	46.8	632	<b>318</b>	Q	480	<b>0</b>	Q	75-125 <b>27</b>	Q 20
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1506190-3 WG1506190-4 QC Sample: L2125817-01 Client ID: MS Sample										
Mercury, Total	0.274	0.16	0.379	<b>66</b>	Q	0.393	<b>71</b>	Q	80-120 <b>4</b>	20

# **INORGANICS & MISCELLANEOUS**

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-01

Date Collected: 05/24/21 08:20

Client ID: B-1 (0.5-1.0)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	97.8		%	0.100	NA	1	-	05/25/21 12:11	121,2540G	RI
Cyanide, Total	ND		mg/kg	0.94	0.20	1	06/03/21 17:25	06/04/21 14:21	1,9010C/9012B	CR



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-02

Date Collected: 05/24/21 08:40

Client ID: B-1 (5.5-6.0)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	94.5		%	0.100	NA	1	-	05/25/21 12:11	121,2540G	RI
Cyanide, Total	ND		mg/kg	0.99	0.21	1	06/03/21 17:25	06/04/21 14:22	1,9010C/9012B	CR



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-03

Date Collected: 05/24/21 11:20

Client ID: B-2 (1.0-1.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	93.2		%	0.100	NA	1	-	05/25/21 12:11	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/03/21 17:25	06/04/21 14:23	1,9010C/9012B	CR



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-04

Date Collected: 05/24/21 12:20

Client ID: B-3 (3-3.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	96.4		%	0.100	NA	1	-	05/25/21 12:11	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/03/21 17:25	06/04/21 14:24	1,9010C/9012B	CR



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-05

Date Collected: 05/24/21 12:45

Client ID: B-4 (2-2.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	92.9		%	0.100	NA	1	-	05/25/21 12:11	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	06/03/21 17:25	06/04/21 14:30	1,9010C/9012B	CR





**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS**

Lab ID: L2127517-06

Date Collected: 05/24/21 13:00

Client ID: B-4 (8-8.5)

Date Received: 05/24/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	84.2		%	0.100	NA	1	-	05/25/21 12:11	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/03/21 17:25	06/04/21 14:31	1,9010C/9012B	CR



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**SAMPLE RESULTS****Lab ID:** L2127517-07**Date Collected:** 05/24/21 13:15**Client ID:** B-4 (11.5-12.0)**Date Received:** 05/24/21**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	89.5		%	0.100	NA	1	-	05/25/21 12:11	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/03/21 17:25	06/04/21 14:32	1,9010C/9012B	CR



Project Name: PHASE II INVESTIGATION

Lab Number: L2127517

Project Number: 11895

Report Date: 06/09/21

**Method Blank Analysis**  
**Batch Quality Control**

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG1507314-1									
Cyanide, Total	ND	mg/kg	0.98	0.21	1	06/03/21 17:25	06/04/21 14:17	1,9010C/9012B	CR

## Lab Control Sample Analysis

Batch Quality Control

Project Name: PHASE II INVESTIGATION

Project Number: 11895

Lab Number: L2127517

Report Date: 06/09/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG1507314-2 WG1507314-3								
Cyanide, Total	66	Q	78	Q	80-120	16		35

**Matrix Spike Analysis**  
Batch Quality Control

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>MSD Qual</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>MSD Qual</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>RPD Qual</b>	<b>RPD Limits</b>
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1507314-4 WG1507314-5 QC Sample: L2127517-04 Client ID: B-3 (3-3.5)												
Cyanide, Total	ND	9.9	9.3	94		9.3	94		75-125	0		35

## Lab Duplicate Analysis

*Batch Quality Control*

Project Name: PHASE II INVESTIGATION

Project Number: 11895

Lab Number: L2127517

Report Date: 06/09/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1503379-1 QC Sample: L2126999-01 Client ID: DUP Sample						
Solids, Total	84.1	85.0	%	1		20

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

Serial\_No:06092116:49  
**Lab Number:** L2127517  
**Report Date:** 06/09/21

**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

**Cooler Information**

**Cooler**                      **Custody Seal**  
A                                      Absent

**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2127517-01A	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-01B	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-01C	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-01D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2127517-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2127517-01F	Glass 250ml/8oz unpreserved	A	NA		2.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2127517-01X	Vial MeOH preserved split	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-01Y	Vial Water preserved split	A	NA		2.9	Y	Absent	25-MAY-21 12:14	NYTCL-8260HLW(14)
L2127517-01Z	Vial Water preserved split	A	NA		2.9	Y	Absent	25-MAY-21 12:14	NYTCL-8260HLW(14)
L2127517-02A	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-02B	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-02C	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-02D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2127517-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2127517-02F	Glass 250ml/8oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2127517-02X	Vial MeOH preserved split	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-02Y	Vial Water preserved split	A	NA		2.9	Y	Absent	25-MAY-21 12:14	NYTCL-8260HLW(14)

\*Values in parentheses indicate holding time in days



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127517**Project Number:** 11895**Report Date:** 06/09/21**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2127517-02Z	Vial Water preserved split	A	NA		2.9	Y	Absent	25-MAY-21 12:14	NYTCL-8260HLW(14)
L2127517-03A	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-03B	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-03C	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-03D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2127517-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2127517-03F	Glass 250ml/8oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2127517-03X	Vial MeOH preserved split	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-03Y	Vial Water preserved split	A	NA		2.9	Y	Absent	25-MAY-21 12:14	NYTCL-8260HLW(14)
L2127517-03Z	Vial Water preserved split	A	NA		2.9	Y	Absent	25-MAY-21 12:14	NYTCL-8260HLW(14)
L2127517-04A	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-04B	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-04C	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-04D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2127517-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2127517-04F	Glass 250ml/8oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2127517-04X	Vial MeOH preserved split	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-04Y	Vial Water preserved split	A	NA		2.9	Y	Absent	25-MAY-21 12:14	NYTCL-8260HLW(14)
L2127517-04Z	Vial Water preserved split	A	NA		2.9	Y	Absent	25-MAY-21 12:14	NYTCL-8260HLW(14)
L2127517-05A	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-05B	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-05C	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-05D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)



Project Name: PHASE II INVESTIGATION

Lab Number: L2127517

Project Number: 11895

Report Date: 06/09/21

**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2127517-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2127517-05F	Glass 250ml/8oz unpreserved	A	NA		2.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2127517-05X	Vial MeOH preserved split	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-05Y	Vial Water preserved split	A	NA		2.9	Y	Absent	25-MAY-21 12:14	NYTCL-8260HLW(14)
L2127517-05Z	Vial Water preserved split	A	NA		2.9	Y	Absent	25-MAY-21 12:14	NYTCL-8260HLW(14)
L2127517-06A	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-06B	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-06C	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-06D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2127517-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2127517-06F	Glass 250ml/8oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2127517-06X	Vial MeOH preserved split	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-06Y	Vial Water preserved split	A	NA		2.9	Y	Absent	25-MAY-21 12:14	NYTCL-8260HLW(14)
L2127517-06Z	Vial Water preserved split	A	NA		2.9	Y	Absent	25-MAY-21 12:14	NYTCL-8260HLW(14)
L2127517-07A	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-07B	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-07C	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-07D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2127517-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2127517-07F	Glass 250ml/8oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)

**Project Name:** PHASE II INVESTIGATION

**Project Number:** 11895

Serial\_No:06092116:49

**Lab Number:** L2127517

**Report Date:** 06/09/21

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2127517-07X	Vial MeOH preserved split	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2127517-07Y	Vial Water preserved split	A	NA		2.9	Y	Absent	25-MAY-21 12:14	NYTCL-8260HLW(14)
L2127517-07Z	Vial Water preserved split	A	NA		2.9	Y	Absent	25-MAY-21 12:14	NYTCL-8260HLW(14)

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

## GLOSSARY

### Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)  Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



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#### Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

#### Terms

**Analytical Method:** Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

**Difference:** With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

**Final pH:** As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

**Frozen Date/Time:** With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

**Initial pH:** As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

**PAH Total:** With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

**PFAS Total:** With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

**Total:** With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

#### Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
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**Data Qualifiers**

- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127517  
**Report Date:** 06/09/21

## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



## Certification Information

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The following analytes are not included in our Primary NELAP Scope of Accreditation:

### Westborough Facility

**EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene

**EPA 625/625.1:** alpha-Terpineol

**EPA 8260C/8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

**EPA 8270D/8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.

### Mansfield Facility

**SM 2540D:** TSS

**EPA 8082A:** NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

**Biological Tissue Matrix:** EPA 3050B

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The following analytes are included in our Massachusetts DEP Scope of Accreditation

### Westborough Facility:

#### Drinking Water

**EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

**EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**

**EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

#### Non-Potable Water

**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

**SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

**EPA 624.1:** Volatile Halocarbons & Aromatics,

**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

### Mansfield Facility:

#### Drinking Water

**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

**EPA 522, EPA 537.1.**

#### Non-Potable Water

**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

**EPA 245.1 Hg.**

**SM2340B**

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For a complete listing of analytes and methods, please contact your Alpha Project Manager.



**NEW YORK CHAIN OF CUSTODY**

Westborough, MA 01581  
8 Walkup Dr.  
TEL: 508-898-9220  
FAX: 508-898-9193

Mansfield, MA 02048  
320 Forbes Blvd  
TEL: 508-822-9300  
FAX: 508-822-3288

**Service Centers**  
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5  
Albany, NY 12205: 14 Walker Way  
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page

1 of 1

Date Rec'd in Lab

5/25/21

ALPHA Job #

2127517

<b>Client Information</b>		<b>Project Information</b>		<b>Deliverables</b>		<b>Billing Information</b>	
Client: <u>SESI CONSULTING</u>		Project Name: <u>Phase II Investigation</u>		<input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input checked="" type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		<input type="checkbox"/> Same as Client Info PO #	
Address: <u>12 A MAPLE AVE</u> <u>PINEBROOK, NJ</u>		Project Location: <u>140, 148-150 Westchester Ave, Port Chester, NY</u>		<input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input checked="" type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
Phone: <u>973-808-9050</u>		Project # <u>11895, phase 2</u>		Regulatory Requirement <input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input checked="" type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
Fax:		Turn-Around Time		Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
Email: <u>Patricia.Petrino@sesi.org</u>		(Use Project name as Project #) <input type="checkbox"/>		Project Manager: <u>Patricia Petrino</u>		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
ALPHAQuote #:		Turn-Around Time		Project Manager: <u>Patricia Petrino</u>		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	TAL	ANALYSIS										Sample Filtration	Total Bottle			
		Date	Time																		
27517.01	B-1 (0.5-1.0)	05/24/2021	0820	S	DA	X															
02	B-1 (5.5-6.0)		0840			X															
03	B-2 (1.0-1.5)		1120			X															
04	B-3 (3-3.5)		1220			X															
05	B-4 (2-2.5)		1245			X															
06	B-4 (8-8.5)		1300			X															
07	B-4 (11.5-12.0)		1315			X															

Preservative Code: A = None B = HCl C = HNO <sub>3</sub> D = H <sub>2</sub> SO <sub>4</sub> E = NaOH F = MeOH G = NaHSO <sub>4</sub> H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> K/E = Zn Ac/NaOH O = Other	Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle	Westboro: Certification No: MA935 Mansfield: Certification No: MA015	Container Type: <u>EPAP</u> Preservative: <u>A</u>	Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)
Relinquished By: <u>[Signature]</u> Date/Time: <u>5/24/21 18:55</u>		Received By: <u>[Signature]</u> Date/Time: <u>5/24/21 17:55</u>		
Relinquished By: <u>[Signature]</u> Date/Time: <u>5/25/21 2:00</u>		Received By: <u>[Signature]</u> Date/Time: <u>5/24/21 22:00</u>		





## ANALYTICAL REPORT

Lab Number:	L2127741
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Patricia Petrino
Phone:	(973) 808-9050
Project Name:	PHASE II INVESTIGATION
Project Number:	11895
Report Date:	06/10/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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Eight Walkup Drive, Westborough, MA 01581-1019  
508-898-9220 (Fax) 508-898-9193 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2127741-01	B-5 (1-1.15)	SOIL	140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY	05/25/21 07:30	05/25/21
L2127741-02	B-6 (1.5-2.0)	SOIL	140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY	05/25/21 08:00	05/25/21
L2127741-03	B-6 (8.5-9.0)	SOIL	140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY	05/25/21 08:15	05/25/21
L2127741-04	B-7 (3-3.5)	SOIL	140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY	05/25/21 08:30	05/25/21
L2127741-05	B-8 (4-4.5)	SOIL	140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY	05/25/21 08:45	05/25/21
L2127741-06	B-9 (1-1.5)	SOIL	140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY	05/25/21 08:50	05/25/21
L2127741-07	B-10 (2-2.5)	SOIL	140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY	05/25/21 09:00	05/25/21
L2127741-08	SOIL (0-6")	SOIL	140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY	05/25/21 09:30	05/25/21
L2127741-09	SOIL (6-12")	SOIL	140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY	05/25/21 09:45	05/25/21
L2127741-10	TW-1	WATER	140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY	05/25/21 13:45	05/25/21
L2127741-11	TW-2	WATER	140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY	05/25/21 14:00	05/25/21
L2127741-12	FB	FIELD BLANK	140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY	05/25/21 08:00	05/25/21

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

**HOLD POLICY** - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

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**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

### Case Narrative (continued)

#### Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

#### Sample Receipt

L2127741-10 and -11: Sample containers for 1,4-Dioxane by 8270-SIM were received, but were not listed on the chain of custody. At the client's request, the analysis was performed.

#### Semivolatile Organics

The WG1505891-1 Method Blank, associated with L2127741-10 and -11, has TIC(s) detected. The results are qualified with a "B" for any associated samples that have detections of the same TIC(s).

#### Perfluorinated Alkyl Acids by Isotope Dilution

L2127741-10 and -11: The sample was centrifuged and decanted prior to extraction due to sample matrix.

L2127741-10: The MeOH fraction of the extraction is reported for Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the M8FOSA Surrogate (Extracted Internal Standard).

L2127741-11: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

#### Pesticides

L2127741-01D and -02D: The sample has elevated detection limits due to the dilution required by the sample matrix.

#### Total Metals

L2127741-01 through -09: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1506670-1 Method Blank, associated with L2127741-01 through -09, has concentrations above the

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

### Case Narrative (continued)

reporting limits for chromium and iron. Since the associated sample concentrations are greater than 10x the blank concentrations for these analytes, no corrective action is required.

The WG1509989-3 MS recovery, performed on L2127741-09, is outside the acceptance criteria for chromium (74%). A post digestion spike was performed and was within acceptance criteria.

#### Cyanide, Total

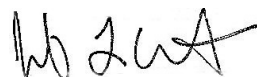
The WG1507314-2/-3 LCS/LCSD recoveries for cyanide, total (66%/78%), associated with L2127741-01 through -03, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1507317-2/-3 LCS/LCSD recoveries for cyanide, total (66%/78%), associated with L2127741-04 through -07, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1507364-2 LCS recovery for cyanide, total (75%), associated with L2127741-08 and -09, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Jennifer L. Clements

Title: Technical Director/Representative

Date: 06/10/21

# ORGANICS

# VOLATILES

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-01  
 Client ID: B-5 (1-1.15)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 07:30  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/04/21 10:55  
 Analyst: MKS  
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-01

Date Collected: 05/25/21 07:30

Client ID: B-5 (1-1.15)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatiles Organics by EPA 5035 Low - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	16		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	1.7	J	ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-01

Date Collected: 05/25/21 07:30

Client ID: B-5 (1-1.15)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatiles Organics by EPA 5035 Low - Westborough Lab</b>						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

**Tentatively Identified Compounds**

Total TIC Compounds	236	J	ug/kg			1
Unknown	41.8	J	ug/kg			1
Unknown	8.99	J	ug/kg			1
Unknown	23.9	J	ug/kg			1
Unknown	10.1	J	ug/kg			1
Unknown	8.71	J	ug/kg			1
Unknown	11.3	J	ug/kg			1
Unknown	12.0	J	ug/kg			1
Unknown	29.7	J	ug/kg			1
Unknown	9.69	J	ug/kg			1
Unknown	9.91	J	ug/kg			1
Unknown Cyclohexane	15.1	J	ug/kg			1
Unknown	10.9	J	ug/kg			1
Unknown	15.0	J	ug/kg			1
Unknown	14.2	J	ug/kg			1
Unknown	14.3	J	ug/kg			1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-01

Date Collected: 05/25/21 07:30

Client ID: B-5 (1-1.15)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by EPA 5035 Low - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	120		70-130

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-02  
 Client ID: B-6 (1.5-2.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 08:00  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/03/21 21:58  
 Analyst: JC  
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	2.2		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.4	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-02

Date Collected: 05/25/21 08:00

Client ID: B-6 (1.5-2.0)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Trichloroethene	0.36	J	ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.22	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-02  
 Client ID: B-6 (1.5-2.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 08:00  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.39	1
1,4-Dioxane	ND		ug/kg	94	41.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.22	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

**Tentatively Identified Compounds**

Total TIC Compounds	8.06	J	ug/kg			1
Unknown	2.51	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	5.55	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	123		70-130
Dibromofluoromethane	101		70-130

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-03  
 Client ID: B-6 (8.5-9.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 08:15  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/03/21 22:38  
 Analyst: JC  
 Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	ND		ug/kg	0.68	0.27	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.95	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.5	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.23	1
Benzene	ND		ug/kg	0.68	0.23	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.5	1.3	1
Bromomethane	ND		ug/kg	2.7	0.80	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.7	0.62	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.19	1

Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

## SAMPLE RESULTS

Lab ID: L2127741-03

Date Collected: 05/25/21 08:15

Client ID: B-6 (8.5-9.0)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.68	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.28	1
p/m-Xylene	ND		ug/kg	2.7	0.77	1
o-Xylene	ND		ug/kg	1.4	0.40	1
Xylenes, Total	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	ND		ug/kg	14	6.6	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.5	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.5	0.89	1
Acrylonitrile	ND		ug/kg	5.5	1.6	1



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-03  
 Client ID: B-6 (8.5-9.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 08:15  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatiles Organics by EPA 5035 Low - Westborough Lab</b>						
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.46	1
1,4-Dioxane	ND		ug/kg	110	48.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.47	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	1.9	1

**Tentatively Identified Compounds**

Total TIC Compounds	5.38	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	5.38	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-04  
 Client ID: B-7 (3-3.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 08:30  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/03/21 23:17  
 Analyst: JC  
 Percent Solids: 99%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	0.23	J	ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	190		ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	0.18	J	ug/kg	1.6	0.15	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-04

Date Collected: 05/25/21 08:30

Client ID: B-7 (3-3.5)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	63		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	13		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	13	J	ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.2	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-04  
 Client ID: B-7 (3-3.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 08:30  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	88	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

**Tentatively Identified Compounds**

Total TIC Compounds	5.26	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	5.26	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	101		70-130

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-05  
 Client ID: B-8 (4-4.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 08:45  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/03/21 23:57  
 Analyst: JC  
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	0.42	J	ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	300		ug/kg	0.68	0.27	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.94	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.22	1
Benzene	ND		ug/kg	0.68	0.22	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.4	1.3	1
Bromomethane	ND		ug/kg	2.7	0.79	1
Vinyl chloride	ND		ug/kg	1.4	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-05

Date Collected: 05/25/21 08:45

Client ID: B-8 (4-4.5)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	40		ug/kg	0.68	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.76	1
o-Xylene	ND		ug/kg	1.4	0.40	1
Xylenes, Total	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	1.8		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	1.8		ug/kg	1.4	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	ND		ug/kg	14	6.5	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.4	0.88	1
Acrylonitrile	ND		ug/kg	5.4	1.6	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-05

Date Collected: 05/25/21 08:45

Client ID: B-8 (4-4.5)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
1,4-Dioxane	ND		ug/kg	110	48.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	1.9	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	121		70-130
Dibromofluoromethane	102		70-130

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-06  
 Client ID: B-9 (1-1.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 08:50  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/04/21 00:37  
 Analyst: JC  
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	16		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-06

Date Collected: 05/25/21 08:50

Client ID: B-9 (1-1.5)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatiles Organics by EPA 5035 Low - Westborough Lab</b>						
Trichloroethene	0.69		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.91	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.5	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-06  
 Client ID: B-9 (1-1.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 08:50  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

**Tentatively Identified Compounds**

Total TIC Compounds	3.52	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	3.52	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	101		70-130

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-07  
 Client ID: B-10 (2-2.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 09:00  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/04/21 01:17  
 Analyst: JC  
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	0.52	J	ug/kg	0.58	0.22	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.62	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-07

Date Collected: 05/25/21 09:00

Client ID: B-10 (2-2.5)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatiles Organics by EPA 5035 Low - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.2	0.22	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	ND		ug/kg	12	5.5	1
Carbon disulfide	ND		ug/kg	12	5.2	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.12	1
Naphthalene	ND		ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-07  
 Client ID: B-10 (2-2.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 09:00  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatiles Organics by EPA 5035 Low - Westborough Lab</b>						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1

**Tentatively Identified Compounds**

Total TIC Compounds	3.58	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	3.58	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-08  
 Client ID: SOIL (0-6")  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 09:30  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/04/21 01:57  
 Analyst: JC  
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	1.9		ug/kg	0.68	0.26	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.94	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.22	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.21	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.22	1
Benzene	ND		ug/kg	0.68	0.22	1
Toluene	ND		ug/kg	1.4	0.73	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.4	1.3	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.4	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

## SAMPLE RESULTS

Lab ID: L2127741-08

Date Collected: 05/25/21 09:30

Client ID: SOIL (0-6")

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.24	J	ug/kg	0.68	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.76	1
o-Xylene	ND		ug/kg	1.4	0.39	1
Xylenes, Total	ND		ug/kg	1.4	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.4	0.26	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	ND		ug/kg	14	6.5	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.22	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.4	0.88	1
Acrylonitrile	ND		ug/kg	5.4	1.6	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-08  
 Client ID: SOIL (0-6")  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 09:30  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
1,4-Dioxane	ND		ug/kg	110	47.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	1.9	1

**Tentatively Identified Compounds**

Total TIC Compounds	8.70	J	ug/kg			1
Unknown	4.00	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	4.70	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	101		70-130



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-09  
 Client ID: SOIL (6-12")  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 09:45  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 06/04/21 02:36  
 Analyst: JC  
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	1.7		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.63	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.3	0.68	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.3	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-09

Date Collected: 05/25/21 09:45

Client ID: SOIL (6-12")

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Trichloroethene	0.30	J	ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.71	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.7	1
2-Butanone	ND		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.63	0.17	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.0	0.82	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-09  
 Client ID: SOIL (6-12")  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 09:45  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	1.8	1

**Tentatively Identified Compounds**

Total TIC Compounds	6.59	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	3.99	NJ	ug/kg			1
Unknown	2.60	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	100		70-130

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-10 D  
 Client ID: TW-1  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 13:45  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 06/02/21 17:53  
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	1300		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,3-Dichloropropene, Total	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	7.0	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	2.4	J	ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-10 D

Date Collected: 05/25/21 13:45

Client ID: TW-1

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	260		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
Xylenes, Total	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	100		ug/l	25	7.0	10
1,2-Dichloroethene, Total	100		ug/l	25	7.0	10
Dibromomethane	ND		ug/l	50	10.	10
1,2,3-Trichloropropane	ND		ug/l	25	7.0	10
Acrylonitrile	ND		ug/l	50	15.	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
Vinyl acetate	ND		ug/l	50	10.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
2,2-Dichloropropane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,3-Dichloropropane	ND		ug/l	25	7.0	10
1,1,1,2-Tetrachloroethane	ND		ug/l	25	7.0	10
Bromobenzene	ND		ug/l	25	7.0	10
n-Butylbenzene	ND		ug/l	25	7.0	10
sec-Butylbenzene	ND		ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
o-Chlorotoluene	ND		ug/l	25	7.0	10
p-Chlorotoluene	ND		ug/l	25	7.0	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Hexachlorobutadiene	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
p-Isopropyltoluene	ND		ug/l	25	7.0	10
Naphthalene	ND		ug/l	25	7.0	10

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-10 D

Date Collected: 05/25/21 13:45

Client ID: TW-1

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatiles Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	ND		ug/l	25	7.0	10
1,2,4-Trimethylbenzene	ND		ug/l	25	7.0	10
1,4-Dioxane	ND		ug/l	2500	610	10
p-Diethylbenzene	ND		ug/l	20	7.0	10
p-Ethyltoluene	ND		ug/l	20	7.0	10
1,2,4,5-Tetramethylbenzene	ND		ug/l	20	5.4	10
Ethyl ether	ND		ug/l	25	7.0	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	7.0	10

**Tentatively Identified Compounds**

Total TIC Compounds	31.0	J	ug/l			10
Unknown	31.0	J	ug/l			10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-11  
 Client ID: TW-2  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

Date Collected: 05/25/21 14:00  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 06/02/21 18:20  
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	180		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.23	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	3.8		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-11

Date Collected: 05/25/21 14:00

Client ID: TW-2

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	42		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	19		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	19		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	1.0	J	ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1





**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/02/21 11:36  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 10-11 Batch: WG1507501-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/02/21 11:36  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 10-11 Batch: WG1507501-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C  
Analytical Date: 06/02/21 11:36  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 10-11 Batch: WG1507501-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

#### Tentatively Identified Compounds

Total TIC Compounds	1.10	J	ug/l
Unknown	1.10	J	ug/l

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/02/21 11:36  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 10-11 Batch: WG1507501-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	109		70-130

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/03/21 20:41  
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-09 Batch: WG1507683-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	0.14	J	ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/03/21 20:41  
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-09 Batch: WG1507683-5					
1,2-Dichlorobenzene	0.14	J	ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	0.40	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	0.17	J	ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C  
Analytical Date: 06/03/21 20:41  
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-09 Batch: WG1507683-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	0.26	J	ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	0.48	J	ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	0.41	J	ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	0.19	J	ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

#### Tentatively Identified Compounds

Total TIC Compounds	10.8	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	5.12	NJ	ug/kg
Unknown	2.67	J	ug/kg
Butane, 2-Methyl-	3.00	NJ	ug/kg



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/03/21 20:41  
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-09 Batch: WG1507683-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	101		70-130

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/04/21 09:06  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1507735-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/04/21 09:06  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1507735-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/04/21 09:06  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1507735-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	17.0	J	ug/kg
Butane, 2-Methyl-	3.33	NJ	ug/kg
Unknown	2.66	J	ug/kg
Unknown	8.68	J	ug/kg
Unknown	2.31	J	ug/kg

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 06/04/21 09:06  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1507735-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	118		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-11 Batch: WG1507501-3 WG1507501-4								
Methylene chloride	100		120		70-130	18		20
1,1-Dichloroethane	110		120		70-130	9		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	92		100		63-132	8		20
1,2-Dichloropropane	110		130		70-130	17		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	110		120		70-130	9		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	100		110		62-150	10		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	100		110		67-130	10		20
Bromodichloromethane	100		110		67-130	10		20
trans-1,3-Dichloropropene	99		100		70-130	1		20
cis-1,3-Dichloropropene	96		100		70-130	4		20
1,1-Dichloropropene	100		110		70-130	10		20
Bromoform	98		100		54-136	2		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	110		120		70-130	9		20
Toluene	110		110		70-130	0		20
Ethylbenzene	100		110		70-130	10		20
Chloromethane	110		120		64-130	9		20
Bromomethane	89		97		39-139	9		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-11 Batch: WG1507501-3 WG1507501-4								
Vinyl chloride	100		110		55-140	10		20
Chloroethane	85		98		55-138	14		20
1,1-Dichloroethene	110		120		61-145	9		20
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	98		100		70-130	2		20
1,2-Dichlorobenzene	100		110		70-130	10		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	92		100		63-130	8		20
p/m-Xylene	105		110		70-130	5		20
o-Xylene	105		110		70-130	5		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Dibromomethane	110		120		70-130	9		20
1,2,3-Trichloropropane	110		110		64-130	0		20
Acrylonitrile	130		140	Q	70-130	7		20
Styrene	105		110		70-130	5		20
Dichlorodifluoromethane	90		95		36-147	5		20
Acetone	150	Q	150	Q	58-148	0		20
Carbon disulfide	110		120		51-130	9		20
2-Butanone	110		120		63-138	9		20
Vinyl acetate	140	Q	160	Q	70-130	13		20
4-Methyl-2-pentanone	120		130		59-130	8		20
2-Hexanone	110		130		57-130	17		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-11 Batch: WG1507501-3 WG1507501-4								
Bromochloromethane	110		120		70-130	9		20
2,2-Dichloropropane	84		100		63-133	17		20
1,2-Dibromoethane	110		110		70-130	0		20
1,3-Dichloropropane	110		120		70-130	9		20
1,1,1,2-Tetrachloroethane	100		110		64-130	10		20
Bromobenzene	100		110		70-130	10		20
n-Butylbenzene	100		110		53-136	10		20
sec-Butylbenzene	100		110		70-130	10		20
tert-Butylbenzene	100		110		70-130	10		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	94		100		41-144	6		20
Hexachlorobutadiene	110		120		63-130	9		20
Isopropylbenzene	98		100		70-130	2		20
p-Isopropyltoluene	99		110		70-130	11		20
Naphthalene	90		100		70-130	11		20
n-Propylbenzene	100		110		69-130	10		20
1,2,3-Trichlorobenzene	95		100		70-130	5		20
1,2,4-Trichlorobenzene	100		110		70-130	10		20
1,3,5-Trimethylbenzene	100		110		64-130	10		20
1,2,4-Trimethylbenzene	100		110		70-130	10		20
1,4-Dioxane	104		120		56-162	14		20
p-Diethylbenzene	99		110		70-130	11		20



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Project Number: 11895

Lab Number: L2127741

Report Date: 06/10/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-11 Batch: WG1507501-3 WG1507501-4								
p-Ethyltoluene	100		110		70-130	10		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	73		88		70-130	19		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	103		106		70-130
Toluene-d8	104		102		70-130
4-Bromofluorobenzene	103		101		70-130
Dibromofluoromethane	98		102		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PHASE II INVESTIGATION

**Lab Number:** L2127741

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<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-09 Batch: WG1507683-3 WG1507683-4								
Methylene chloride	84		88		70-130	5		30
1,1-Dichloroethane	89		94		70-130	5		30
Chloroform	87		88		70-130	1		30
Carbon tetrachloride	92		101		70-130	9		30
1,2-Dichloropropane	86		92		70-130	7		30
Dibromochloromethane	87		90		70-130	3		30
1,1,2-Trichloroethane	82		80		70-130	2		30
Tetrachloroethene	92		91		70-130	1		30
Chlorobenzene	88		87		70-130	1		30
Trichlorofluoromethane	93		99		70-139	6		30
1,2-Dichloroethane	89		89		70-130	0		30
1,1,1-Trichloroethane	94		98		70-130	4		30
Bromodichloromethane	85		92		70-130	8		30
trans-1,3-Dichloropropene	85		86		70-130	1		30
cis-1,3-Dichloropropene	85		93		70-130	9		30
1,1-Dichloropropene	98		98		70-130	0		30
Bromoform	81		79		70-130	3		30
1,1,1,2-Tetrachloroethane	80		75		70-130	6		30
Benzene	94		91		70-130	3		30
Toluene	86		85		70-130	1		30
Ethylbenzene	91		91		70-130	0		30
Chloromethane	86		95		52-130	10		30
Bromomethane	95		106		57-147	11		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-09 Batch: WG1507683-3 WG1507683-4								
Vinyl chloride	89		102		67-130	14		30
Chloroethane	92		98		50-151	6		30
1,1-Dichloroethene	89		94		65-135	5		30
trans-1,2-Dichloroethene	88		92		70-130	4		30
Trichloroethene	91		91		70-130	0		30
1,2-Dichlorobenzene	89		87		70-130	2		30
1,3-Dichlorobenzene	90		90		70-130	0		30
1,4-Dichlorobenzene	90		88		70-130	2		30
Methyl tert butyl ether	84		87		66-130	4		30
p/m-Xylene	89		89		70-130	0		30
o-Xylene	90		90		70-130	0		30
cis-1,2-Dichloroethene	86		92		70-130	7		30
Dibromomethane	80		84		70-130	5		30
Styrene	89		89		70-130	0		30
Dichlorodifluoromethane	87		89		30-146	2		30
Acetone	72		71		54-140	1		30
Carbon disulfide	87		91		59-130	4		30
2-Butanone	77		75		70-130	3		30
Vinyl acetate	86		91		70-130	6		30
4-Methyl-2-pentanone	82		75		70-130	9		30
1,2,3-Trichloropropane	78		72		68-130	8		30
2-Hexanone	82		76		70-130	8		30
Bromochloromethane	89		90		70-130	1		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-09 Batch: WG1507683-3 WG1507683-4								
2,2-Dichloropropane	88		98		70-130	11		30
1,2-Dibromoethane	84		82		70-130	2		30
1,3-Dichloropropane	84		83		69-130	1		30
1,1,1,2-Tetrachloroethane	93		96		70-130	3		30
Bromobenzene	88		86		70-130	2		30
n-Butylbenzene	90		90		70-130	0		30
sec-Butylbenzene	94		92		70-130	2		30
tert-Butylbenzene	94		93		70-130	1		30
o-Chlorotoluene	88		86		70-130	2		30
p-Chlorotoluene	88		86		70-130	2		30
1,2-Dibromo-3-chloropropane	76		75		68-130	1		30
Hexachlorobutadiene	97		100		67-130	3		30
Isopropylbenzene	92		90		70-130	2		30
p-Isopropyltoluene	94		93		70-130	1		30
Naphthalene	81		80		70-130	1		30
Acrylonitrile	82		81		70-130	1		30
n-Propylbenzene	92		90		70-130	2		30
1,2,3-Trichlorobenzene	86		86		70-130	0		30
1,2,4-Trichlorobenzene	88		90		70-130	2		30
1,3,5-Trimethylbenzene	92		90		70-130	2		30
1,2,4-Trimethylbenzene	91		90		70-130	1		30
1,4-Dioxane	74		76		65-136	3		30
p-Diethylbenzene	94		94		70-130	0		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Project Number: 11895

Lab Number: L2127741

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-09 Batch: WG1507683-3 WG1507683-4								
p-Ethyltoluene	92		90		70-130	2		30
1,2,4,5-Tetramethylbenzene	96		96		70-130	0		30
Ethyl ether	83		86		67-130	4		30
trans-1,4-Dichloro-2-butene	81		77		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		94		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	97		96		70-130
Dibromofluoromethane	98		100		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1507735-3 WG1507735-4								
Methylene chloride	83		82		70-130	1		30
1,1-Dichloroethane	84		82		70-130	2		30
Chloroform	93		95		70-130	2		30
Carbon tetrachloride	113		113		70-130	0		30
1,2-Dichloropropane	80		80		70-130	0		30
Dibromochloromethane	106		107		70-130	1		30
1,1,2-Trichloroethane	78		79		70-130	1		30
Tetrachloroethene	93		94		70-130	1		30
Chlorobenzene	91		92		70-130	1		30
Trichlorofluoromethane	117		118		70-139	1		30
1,2-Dichloroethane	93		94		70-130	1		30
1,1,1-Trichloroethane	104		104		70-130	0		30
Bromodichloromethane	98		98		70-130	0		30
trans-1,3-Dichloropropene	82		83		70-130	1		30
cis-1,3-Dichloropropene	91		90		70-130	1		30
1,1-Dichloropropene	90		89		70-130	1		30
Bromoform	87		88		70-130	1		30
1,1,2,2-Tetrachloroethane	79		78		70-130	1		30
Benzene	90		89		70-130	1		30
Toluene	83		83		70-130	0		30
Ethylbenzene	82		83		70-130	1		30
Chloromethane	95		96		52-130	1		30
Bromomethane	129		132		57-147	2		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1507735-3 WG1507735-4								
Vinyl chloride	77		78		67-130	1		30
Chloroethane	81		80		50-151	1		30
1,1-Dichloroethene	91		92		65-135	1		30
trans-1,2-Dichloroethene	94		92		70-130	2		30
Trichloroethene	96		96		70-130	0		30
1,2-Dichlorobenzene	94		95		70-130	1		30
1,3-Dichlorobenzene	95		96		70-130	1		30
1,4-Dichlorobenzene	94		94		70-130	0		30
Methyl tert butyl ether	87		86		66-130	1		30
p/m-Xylene	91		92		70-130	1		30
o-Xylene	92		93		70-130	1		30
cis-1,2-Dichloroethene	96		94		70-130	2		30
Dibromomethane	96		97		70-130	1		30
Styrene	95		96		70-130	1		30
Dichlorodifluoromethane	93		96		30-146	3		30
Acetone	95		97		54-140	2		30
Carbon disulfide	81		81		59-130	0		30
2-Butanone	90		91		70-130	1		30
Vinyl acetate	106		105		70-130	1		30
4-Methyl-2-pentanone	69	Q	69	Q	70-130	0		30
1,2,3-Trichloropropane	78		78		68-130	0		30
2-Hexanone	74		75		70-130	1		30
Bromochloromethane	112		110		70-130	2		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1507735-3 WG1507735-4								
2,2-Dichloropropane	93		93		70-130	0		30
1,2-Dibromoethane	87		86		70-130	1		30
1,3-Dichloropropane	77		76		69-130	1		30
1,1,1,2-Tetrachloroethane	102		102		70-130	0		30
Bromobenzene	87		88		70-130	1		30
n-Butylbenzene	88		88		70-130	0		30
sec-Butylbenzene	91		92		70-130	1		30
tert-Butylbenzene	90		90		70-130	0		30
o-Chlorotoluene	82		82		70-130	0		30
p-Chlorotoluene	85		84		70-130	1		30
1,2-Dibromo-3-chloropropane	92		89		68-130	3		30
Hexachlorobutadiene	89		91		67-130	2		30
Isopropylbenzene	88		88		70-130	0		30
p-Isopropyltoluene	91		91		70-130	0		30
Naphthalene	93		94		70-130	1		30
Acrylonitrile	92		92		70-130	0		30
n-Propylbenzene	84		84		70-130	0		30
1,2,3-Trichlorobenzene	92		93		70-130	1		30
1,2,4-Trichlorobenzene	90		91		70-130	1		30
1,3,5-Trimethylbenzene	89		90		70-130	1		30
1,2,4-Trimethylbenzene	89		90		70-130	1		30
1,4-Dioxane	112		111		65-136	1		30
p-Diethylbenzene	91		92		70-130	1		30



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Project Number: 11895

Lab Number: L2127741

Report Date: 06/10/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1507735-3 WG1507735-4								
p-Ethyltoluene	89		90		70-130	1		30
1,2,4,5-Tetramethylbenzene	90		91		70-130	1		30
Ethyl ether	76		78		67-130	3		30
trans-1,4-Dichloro-2-butene	86		85		70-130	1		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	101		100		70-130
Toluene-d8	92		93		70-130
4-Bromofluorobenzene	87		88		70-130
Dibromofluoromethane	111		109		70-130

# SEMIVOLATILES

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-01  
 Client ID: B-5 (1-1.15)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY  
 Sample Depth:  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/07/21 18:51  
 Analyst: IM  
 Percent Solids: 87%

Date Collected: 05/25/21 07:30  
 Date Received: 05/25/21  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 06/06/21 07:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	290		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	34	J	ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	13000	E	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	1000		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-01

Date Collected: 05/25/21 07:30

Client ID: B-5 (1-1.15)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	8000	E	ug/kg	110	22.	1
Benzo(a)pyrene	7500		ug/kg	150	47.	1
Benzo(b)fluoranthene	11000	E	ug/kg	110	32.	1
Benzo(k)fluoranthene	1900		ug/kg	110	31.	1
Chrysene	7300		ug/kg	110	20.	1
Acenaphthylene	890		ug/kg	150	30.	1
Anthracene	2000		ug/kg	110	37.	1
Benzo(ghi)perylene	4200		ug/kg	150	22.	1
Fluorene	600		ug/kg	190	19.	1
Phenanthrene	3700		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	1100		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	4700		ug/kg	150	27.	1
Pyrene	12000	E	ug/kg	110	19.	1
Biphenyl	160	J	ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	430		ug/kg	190	18.	1
2-Methylnaphthalene	300		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	50	J	ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	78	J	ug/kg	280	30.	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-01

Date Collected: 05/25/21 07:30

Client ID: B-5 (1-1.15)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	440		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

**Tentatively Identified Compounds**

Total TIC Compounds	21400	J	ug/kg			1
Unknown PAH	1400	J	ug/kg			1
Tetrachloroethene	558	NJ	ug/kg			1
Unknown	708	J	ug/kg			1
Unknown PAH	5530	J	ug/kg			1
Unknown PAH	583	J	ug/kg			1
Unknown PAH	1440	J	ug/kg			1
Unknown PAH	533	J	ug/kg			1
Unknown	1770	J	ug/kg			1
Unknown PAH	2340	J	ug/kg			1
Unknown	818	J	ug/kg			1
Unknown PAH	777	J	ug/kg			1
Unknown	1090	J	ug/kg			1
Unknown PAH	1030	J	ug/kg			1
Unknown	984	J	ug/kg			1
Unknown PAH	1850	J	ug/kg			1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-01

Date Collected: 05/25/21 07:30

Client ID: B-5 (1-1.15)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	76		18-120

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-01 D  
 Client ID: B-5 (1-1.15)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 07:30  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/08/21 14:20  
 Analyst: SZ  
 Percent Solids: 87%

Extraction Method: EPA 3546  
 Extraction Date: 06/06/21 07:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Fluoranthene	16000		ug/kg	570	110	5
Benzo(a)anthracene	8900		ug/kg	570	110	5
Benzo(b)fluoranthene	11000		ug/kg	570	160	5
Pyrene	14000		ug/kg	570	95.	5

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-02  
 Client ID: B-6 (1.5-2.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 08:00  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/07/21 19:15  
 Analyst: IM  
 Percent Solids: 92%

Extraction Method: EPA 3546  
 Extraction Date: 06/06/21 07:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	60	J	ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	1100		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	87	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	99	J	ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1



Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

## SAMPLE RESULTS

Lab ID: L2127741-02

Date Collected: 05/25/21 08:00

Client ID: B-6 (1.5-2.0)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	460		ug/kg	110	20.	1
Benzo(a)pyrene	400		ug/kg	140	44.	1
Benzo(b)fluoranthene	590		ug/kg	110	30.	1
Benzo(k)fluoranthene	200		ug/kg	110	29.	1
Chrysene	510		ug/kg	110	19.	1
Acenaphthylene	64	J	ug/kg	140	28.	1
Anthracene	150		ug/kg	110	35.	1
Benzo(ghi)perylene	250		ug/kg	140	21.	1
Fluorene	65	J	ug/kg	180	17.	1
Phenanthrene	980		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	60	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	280		ug/kg	140	25.	1
Pyrene	870		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	69	J	ug/kg	180	17.	1
2-Methylnaphthalene	31	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-02  
 Client ID: B-6 (1.5-2.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 08:00  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	100	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

**Tentatively Identified Compounds**

Total TIC Compounds	529	J	ug/kg			1
Unknown Ketone	161	J	ug/kg			1
Unknown PAH	368	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	61		18-120

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-03  
 Client ID: B-6 (8.5-9.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 08:15  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/07/21 19:39  
 Analyst: IM  
 Percent Solids: 97%

Extraction Method: EPA 3546  
 Extraction Date: 06/06/21 07:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	30.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	140	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	20.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.	1
Butyl benzyl phthalate	ND		ug/kg	170	42.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	57.	1

Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

## SAMPLE RESULTS

Lab ID: L2127741-03

Date Collected: 05/25/21 08:15

Client ID: B-6 (8.5-9.0)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	35.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	41.	1
Benzo(b)fluoranthene	ND		ug/kg	100	28.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	ND		ug/kg	100	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	380	39.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	32.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	360	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	810	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-03

Date Collected: 05/25/21 08:15

Client ID: B-6 (8.5-9.0)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	25	7.8	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	79		18-120

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-04  
 Client ID: B-7 (3-3.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY  
 Sample Depth:  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/07/21 20:03  
 Analyst: IM  
 Percent Solids: 99%

Date Collected: 05/25/21 08:30  
 Date Received: 05/25/21  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 06/06/21 07:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	130	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.	1
Hexachlorobenzene	ND		ug/kg	100	18.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.	1
2-Chloronaphthalene	ND		ug/kg	160	16.	1
1,2-Dichlorobenzene	ND		ug/kg	160	30.	1
1,3-Dichlorobenzene	ND		ug/kg	160	28.	1
1,4-Dichlorobenzene	ND		ug/kg	160	29.	1
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.	1
2,4-Dinitrotoluene	ND		ug/kg	160	33.	1
2,6-Dinitrotoluene	ND		ug/kg	160	28.	1
Fluoranthene	42	J	ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	160	24.	1
Hexachlorocyclopentadiene	ND		ug/kg	470	150	1
Hexachloroethane	ND		ug/kg	130	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	160	20.	1
Nitrobenzene	ND		ug/kg	150	24.	1
NDPA/DPA	ND		ug/kg	130	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.	1
Butyl benzyl phthalate	ND		ug/kg	160	42.	1
Di-n-butylphthalate	ND		ug/kg	160	31.	1
Di-n-octylphthalate	ND		ug/kg	160	56.	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-04

Date Collected: 05/25/21 08:30

Client ID: B-7 (3-3.5)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	160	15.	1
Dimethyl phthalate	ND		ug/kg	160	35.	1
Benzo(a)anthracene	30	J	ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	130	40.	1
Benzo(b)fluoranthene	36	J	ug/kg	100	28.	1
Benzo(k)fluoranthene	ND		ug/kg	100	26.	1
Chrysene	28	J	ug/kg	100	17.	1
Acenaphthylene	ND		ug/kg	130	26.	1
Anthracene	ND		ug/kg	100	32.	1
Benzo(ghi)perylene	ND		ug/kg	130	20.	1
Fluorene	ND		ug/kg	160	16.	1
Phenanthrene	ND		ug/kg	100	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.	1
Pyrene	43	J	ug/kg	100	16.	1
Biphenyl	ND		ug/kg	380	38.	1
4-Chloroaniline	ND		ug/kg	160	30.	1
2-Nitroaniline	ND		ug/kg	160	32.	1
3-Nitroaniline	ND		ug/kg	160	31.	1
4-Nitroaniline	ND		ug/kg	160	69.	1
Dibenzofuran	ND		ug/kg	160	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.	1
Acetophenone	ND		ug/kg	160	20.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	31.	1
p-Chloro-m-cresol	ND		ug/kg	160	25.	1
2-Chlorophenol	ND		ug/kg	160	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	160	55.	1
2-Nitrophenol	ND		ug/kg	360	62.	1
4-Nitrophenol	ND		ug/kg	230	68.	1
2,4-Dinitrophenol	ND		ug/kg	800	77.	1
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.	1
Pentachlorophenol	ND		ug/kg	130	36.	1
Phenol	ND		ug/kg	160	25.	1
2-Methylphenol	ND		ug/kg	160	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-04  
 Client ID: B-7 (3-3.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 08:30  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	160	32.	1
Benzoic Acid	ND		ug/kg	540	170	1
Benzyl Alcohol	ND		ug/kg	160	51.	1
Carbazole	ND		ug/kg	160	16.	1
1,4-Dioxane	ND		ug/kg	25	7.6	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	68		18-120



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-05  
 Client ID: B-8 (4-4.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 08:45  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/07/21 20:28  
 Analyst: IM  
 Percent Solids: 80%

Extraction Method: EPA 3546  
 Extraction Date: 06/06/21 07:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	330		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-05

Date Collected: 05/25/21 08:45

Client ID: B-8 (4-4.5)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	130		ug/kg	120	23.	1
Benzo(a)pyrene	140	J	ug/kg	160	50.	1
Benzo(b)fluoranthene	220		ug/kg	120	34.	1
Benzo(k)fluoranthene	77	J	ug/kg	120	32.	1
Chrysene	190		ug/kg	120	21.	1
Acenaphthylene	49	J	ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	93	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	230		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	110	J	ug/kg	160	28.	1
Pyrene	290		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-05  
 Client ID: B-8 (4-4.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 08:45  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	210	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	26	J	ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.4	1

**Tentatively Identified Compounds**

Total TIC Compounds	595	J	ug/kg			1
Tetrachloroethene	595	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	64		18-120

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-06  
 Client ID: B-9 (1-1.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 08:50  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/07/21 20:52  
 Analyst: IM  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 06/06/21 07:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	97	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	1000		ug/kg	180	63.	1
Butyl benzyl phthalate	2200		ug/kg	180	46.	1
Di-n-butylphthalate	450		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

## SAMPLE RESULTS

Lab ID: L2127741-06

Date Collected: 05/25/21 08:50

Client ID: B-9 (1-1.5)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	55	J	ug/kg	110	20.	1
Benzo(a)pyrene	48	J	ug/kg	150	44.	1
Benzo(b)fluoranthene	67	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	51	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	28	J	ug/kg	150	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	44	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	34	J	ug/kg	150	25.	1
Pyrene	85	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-06  
 Client ID: B-9 (1-1.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 08:50  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

**Tentatively Identified Compounds**

Total TIC Compounds	3640	J	ug/kg			1
Unknown	1030	J	ug/kg			1
Unknown	241	J	ug/kg			1
Unknown	666	J	ug/kg			1
Tetrachloroethene	168	NJ	ug/kg			1
Unknown	917	J	ug/kg			1
Unknown	174	J	ug/kg			1
Unknown	163	J	ug/kg			1
Unknown	277	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	68		18-120

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-07  
 Client ID: B-10 (2-2.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 09:00  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/07/21 21:16  
 Analyst: IM  
 Percent Solids: 93%

Extraction Method: EPA 3546  
 Extraction Date: 06/06/21 07:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	20	J	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-07

Date Collected: 05/25/21 09:00

Client ID: B-10 (2-2.5)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	19	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-07  
 Client ID: B-10 (2-2.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 09:00  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	75		18-120

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-08  
 Client ID: SOIL (0-6")  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

Date Collected: 05/25/21 09:30  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/07/21 21:40  
 Analyst: IM  
 Percent Solids: 86%

Extraction Method: EPA 3546  
 Extraction Date: 06/06/21 07:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	27	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-08

Date Collected: 05/25/21 09:30

Client ID: SOIL (0-6")

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	23	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	20	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	26	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-08  
 Client ID: SOIL (0-6")  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 09:30  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	75		18-120

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-09  
 Client ID: SOIL (6-12")  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 09:45  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 06/07/21 22:04  
 Analyst: IM  
 Percent Solids: 84%

Extraction Method: EPA 3546  
 Extraction Date: 06/06/21 07:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-09

Date Collected: 05/25/21 09:45

Client ID: SOIL (6-12")

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	20	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-09  
 Client ID: SOIL (6-12")  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 09:45  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	74		18-120

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-10  
 Client ID: TW-1  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 13:45  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270D  
 Analytical Date: 06/02/21 14:11  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 06/01/21 12:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	3.6		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-10

Date Collected: 05/25/21 13:45

Client ID: TW-1

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-10  
 Client ID: TW-1  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 13:45  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

## Tentatively Identified Compounds

Total TIC Compounds	157	J	ug/l			1
Butyl citrate	12.1	NJ	ug/l			1
Tetrachloroethene	41.6	NJ	ug/l			1
Unknown	4.94	J	ug/l			1
Unknown	7.20	J	ug/l			1
Unknown	6.84	J	ug/l			1
Unknown	10.9	J	ug/l			1
Unknown	5.34	J	ug/l			1
Unknown	9.74	JB	ug/l			1
Unknown	7.93	J	ug/l			1
Unknown	8.33	J	ug/l			1
Unknown	11.7	J	ug/l			1
Unknown	7.13	J	ug/l			1
Unknown	11.2	J	ug/l			1
Unknown Organic Acid	5.49	J	ug/l			1
Unknown Organic Acid	6.84	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	89		41-149

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-10  
 Client ID: TW-1  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 13:45  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270D-SIM  
 Analytical Date: 06/02/21 18:16  
 Analyst: SMB

Extraction Method: EPA 3510C  
 Extraction Date: 06/01/21 15:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	56.1	J	ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	50		15-110

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-10  
 Client ID: TW-1  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

Date Collected: 05/25/21 13:45  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270D-SIM  
 Analytical Date: 06/03/21 02:35  
 Analyst: DV

Extraction Method: EPA 3510C  
 Extraction Date: 06/01/21 12:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	0.35		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.13		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.14		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.06	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.05	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.07	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.05	J	ug/l	0.10	0.01	1
Acenaphthylene	0.08	J	ug/l	0.10	0.01	1
Anthracene	0.15		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.05	J	ug/l	0.10	0.01	1
Fluorene	0.35		ug/l	0.10	0.01	1
Phenanthrene	0.28		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.04	J	ug/l	0.10	0.01	1
Pyrene	0.18		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.06	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-10  
 Client ID: TW-1  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 13:45  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab						
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	76		41-149

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-10  
**Client ID:** TW-1  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 13:45  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Water  
**Analytical Method:** 134,LCMSMS-ID  
**Analytical Date:** 06/07/21 19:54  
**Analyst:** RS

**Extraction Method:** ALPHA 23528  
**Extraction Date:** 05/29/21 05:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab</b>						
Perfluorobutanoic Acid (PFBA)	33.1		ng/l	1.86	0.380	1
Perfluoropentanoic Acid (PFPeA)	110		ng/l	1.86	0.369	1
Perfluorobutanesulfonic Acid (PFBS)	6.90		ng/l	1.86	0.222	1
Perfluorohexanoic Acid (PFHxA)	86.7		ng/l	1.86	0.306	1
Perfluoroheptanoic Acid (PFHpA)	54.1		ng/l	1.86	0.210	1
Perfluorohexanesulfonic Acid (PFHxS)	4.69		ng/l	1.86	0.350	1
Perfluorooctanoic Acid (PFOA)	63.1		ng/l	1.86	0.220	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.86	1.24	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.86	0.641	1
Perfluorononanoic Acid (PFNA)	1.64	J	ng/l	1.86	0.291	1
Perfluorooctanesulfonic Acid (PFOS)	18.8		ng/l	1.86	0.470	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.86	0.283	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.86	1.13	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.86	0.604	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.86	0.242	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.86	0.914	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.86	0.749	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.86	0.347	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.86	0.305	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.86	0.231	1
PFOA/PFOS, Total	81.9		ng/l	1.86	0.220	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-10  
 Client ID: TW-1  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 13:45  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	75		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	89		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	88		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	64		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	65		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	86		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	69		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	127		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	78		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	88		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	69		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	123		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	60		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	78		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	52		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	79		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	77		22-136

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-10  
 Client ID: TW-1  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

Date Collected: 05/25/21 13:45  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water  
 Analytical Method: 134,LCMSMS-ID  
 Analytical Date: 06/09/21 08:33  
 Analyst: MP

Extraction Method: ALPHA 23528  
 Extraction Date: 05/29/21 05:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab</b>						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.86	0.541	1
<b>Surrogate (Extracted Internal Standard)</b>			<b>% Recovery</b>	<b>Qualifier</b>	<b>Acceptance Criteria</b>	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)			57		10-112	



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-11  
 Client ID: TW-2  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 14:00  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270D  
 Analytical Date: 06/02/21 14:35  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 06/01/21 12:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	3.3		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-11  
 Client ID: TW-2  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 14:00  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-11

Date Collected: 05/25/21 14:00

Client ID: TW-2

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

## Tentatively Identified Compounds

Total TIC Compounds	255	J	ug/l			1
Butyl citrate	4.36	NJ	ug/l			1
Tetrachloroethene	199	NJ	ug/l			1
Unknown	4.18	J	ug/l			1
Unknown	4.87	J	ug/l			1
Unknown	2.22	J	ug/l			1
Unknown	1.96	J	ug/l			1
Unknown	8.54	JB	ug/l			1
Unknown	2.18	J	ug/l			1
Unknown	2.29	J	ug/l			1
Unknown Alcohol	2.58	J	ug/l			1
Unknown Alcohol	3.85	J	ug/l			1
Unknown Alcohol	3.71	J	ug/l			1
Unknown Amide	9.20	J	ug/l			1
Unknown Organic Acid	3.16	J	ug/l			1
Unknown Organic Acid	3.20	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		21-120
Phenol-d6	63		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	90		41-149

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-11  
 Client ID: TW-2  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 14:00  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water  
 Analytical Method: 1,8270D-SIM  
 Analytical Date: 06/02/21 18:40  
 Analyst: SMB

Extraction Method: EPA 3510C  
 Extraction Date: 06/01/21 15:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	51		15-110

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-11  
 Client ID: TW-2  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 14:00  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270D-SIM  
 Analytical Date: 06/03/21 02:54  
 Analyst: DV

Extraction Method: EPA 3510C  
 Extraction Date: 06/01/21 12:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.46		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.21		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.20		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.29		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.09	J	ug/l	0.10	0.01	1
Chrysene	0.21		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.06	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.14		ug/l	0.10	0.01	1
Fluorene	0.03	J	ug/l	0.10	0.01	1
Phenanthrene	0.24		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.03	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.14		ug/l	0.10	0.01	1
Pyrene	0.39		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-11

Date Collected: 05/25/21 14:00

Client ID: TW-2

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	76		41-149

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-11  
**Client ID:** TW-2  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 14:00  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Water  
**Analytical Method:** 134,LCMSMS-ID  
**Analytical Date:** 06/07/21 20:11  
**Analyst:** RS

**Extraction Method:** ALPHA 23528  
**Extraction Date:** 05/29/21 05:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab</b>						
Perfluorobutanoic Acid (PFBA)	7.24		ng/l	1.84	0.376	1
Perfluoropentanoic Acid (PFPeA)	12.0		ng/l	1.84	0.365	1
Perfluorobutanesulfonic Acid (PFBS)	7.94		ng/l	1.84	0.220	1
Perfluorohexanoic Acid (PFHxA)	10.5		ng/l	1.84	0.302	1
Perfluoroheptanoic Acid (PFHpA)	8.52		ng/l	1.84	0.208	1
Perfluorohexanesulfonic Acid (PFHxS)	4.14		ng/l	1.84	0.347	1
Perfluorooctanoic Acid (PFOA)	30.6		ng/l	1.84	0.218	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.84	1.23	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.84	0.635	1
Perfluorononanoic Acid (PFNA)	1.87		ng/l	1.84	0.288	1
Perfluorooctanesulfonic Acid (PFOS)	23.0		ng/l	1.84	0.465	1
Perfluorodecanoic Acid (PFDA)	0.384	J	ng/l	1.84	0.280	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.84	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.84	0.598	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.240	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.904	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.84	0.535	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2.06	F	ng/l	1.84	0.742	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.343	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.302	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.84	0.229	1
PFOA/PFOS, Total	53.6		ng/l	1.84	0.218	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-11  
 Client ID: TW-2  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 14:00  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	89		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	89		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	66		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	70		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	89		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	82		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	181	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	90		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	80		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	154		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	85		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	90		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	24		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	72		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	80		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	78		22-136



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-12  
**Client ID:** FB  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 08:00  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Field Blank  
**Analytical Method:** 134,LCMSMS-ID  
**Analytical Date:** 06/07/21 20:28  
**Analyst:** RS

**Extraction Method:** ALPHA 23528  
**Extraction Date:** 05/29/21 05:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab</b>						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.82	0.371	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.82	0.360	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.82	0.216	1
Perfluorohexanoic Acid (PFHxA)	0.400	J	ng/l	1.82	0.298	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.82	0.205	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.82	0.342	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.82	0.215	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.82	1.21	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.82	0.626	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.82	0.284	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.82	0.458	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.82	0.276	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.82	1.10	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.82	0.589	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.82	0.236	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.82	0.891	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.82	0.528	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.82	0.731	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.82	0.338	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.82	0.298	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.82	0.226	1
PFOA/PFOS, Total	ND		ng/l	1.82	0.215	1

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-12  
 Client ID: FB  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 08:00  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	94		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	124		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	84		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	91		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	94		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	115		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	91		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	111		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	34		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	81		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	106		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	101		22-136

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 134,LCMSMS-ID  
Analytical Date: 06/07/21 17:42  
Analyst: RS

Extraction Method: ALPHA 23528  
Extraction Date: 05/29/21 05:50

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 10-12 Batch: WG1505221-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	0.404	J	ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 134,LCMSMS-ID  
Analytical Date: 06/07/21 17:42  
Analyst: RS

Extraction Method: ALPHA 23528  
Extraction Date: 05/29/21 05:50

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 10-12 Batch: WG1505221-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	93		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	120		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	94		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	88		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	83		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	93		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	111		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	88		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	130		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	95		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	104		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	31		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	86		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	98		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	98		22-136

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 134,LCMSMS-ID  
Analytical Date: 06/08/21 12:01  
Analyst: MP

Extraction Method: ALPHA 23528  
Extraction Date: 05/29/21 05:50

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 10-12 Batch: WG1505221-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	69		10-112

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 06/02/21 12:13  
Analyst: EK

Extraction Method: EPA 3510C  
Extraction Date: 06/01/21 08:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 10-11 Batch: WG1505891-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 06/02/21 12:13  
Analyst: EK

Extraction Method: EPA 3510C  
Extraction Date: 06/01/21 08:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10-11 Batch: WG1505891-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 06/02/21 12:13  
Analyst: EK

Extraction Method: EPA 3510C  
Extraction Date: 06/01/21 08:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 10-11 Batch: WG1505891-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds

Total TIC Compounds	3.42	J	ug/l
Unknown	1.64	J	ug/l
Unknown	1.78	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	62		41-149



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D-SIM  
Analytical Date: 06/03/21 01:39  
Analyst: JJW

Extraction Method: EPA 3510C  
Extraction Date: 06/01/21 08:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 10-11 Batch: WG1505892-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D-SIM  
Analytical Date: 06/03/21 01:39  
Analyst: JJW

Extraction Method: EPA 3510C  
Extraction Date: 06/01/21 08:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 10-11 Batch: WG1505892-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	29		10-120
4-Terphenyl-d14	64		41-149

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D-SIM  
Analytical Date: 06/02/21 17:05  
Analyst: SMB

Extraction Method: EPA 3510C  
Extraction Date: 06/01/21 15:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 10-11 Batch: WG1506131-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	47		15-110

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 06/07/21 14:24  
Analyst: IM

Extraction Method: EPA 3546  
Extraction Date: 06/06/21 07:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1508164-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 06/07/21 14:24  
Analyst: IM

Extraction Method: EPA 3546  
Extraction Date: 06/06/21 07:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1508164-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 06/07/21 14:24  
Analyst: IM

Extraction Method: EPA 3546  
Extraction Date: 06/06/21 07:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1508164-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Tentatively Identified Compounds

No Tentatively Identified Compounds      ND      ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	76		18-120

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 10-12 Batch: WG1505221-2								
Perfluorobutanoic Acid (PFBA)	111		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	104		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	108		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	106		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	107		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	107		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	112		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	102		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	107		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	106		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	100		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	121		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	95		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	116		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	108		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	115		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	105		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	107		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	130		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	126		-		59-182	-		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 10-12 Batch: WG1505221-2									

Surrogate (Extracted Internal Standard)	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
Perfluoro[13C4]Butanoic Acid (MPFBA)	93				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	118				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	88				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	83				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	91				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	115				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	96				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	89				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	130				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	104				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	102				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	26				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	93				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	109				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	99				22-136



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Project Number: 11895

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Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 10-12 Batch: WG1505221-2								
Perfluorooctanesulfonamide (FOSA)	92		-		46-170	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	66				10-112

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-11 Batch: WG1505891-2 WG1505891-3								
Acenaphthene	55		52		37-111	6		30
1,2,4-Trichlorobenzene	55		49		39-98	12		30
Hexachlorobenzene	62		58		40-140	7		30
Bis(2-chloroethyl)ether	56		50		40-140	11		30
2-Chloronaphthalene	58		54		40-140	7		30
1,2-Dichlorobenzene	54		51		40-140	6		30
1,3-Dichlorobenzene	54		49		40-140	10		30
1,4-Dichlorobenzene	54		52		36-97	4		30
3,3'-Dichlorobenzidine	35	Q	44		40-140	23		30
2,4-Dinitrotoluene	72		64		48-143	12		30
2,6-Dinitrotoluene	72		65		40-140	10		30
Fluoranthene	64		60		40-140	6		30
4-Chlorophenyl phenyl ether	59		53		40-140	11		30
4-Bromophenyl phenyl ether	61		57		40-140	7		30
Bis(2-chloroisopropyl)ether	47		44		40-140	7		30
Bis(2-chloroethoxy)methane	56		52		40-140	7		30
Hexachlorobutadiene	52		51		40-140	2		30
Hexachlorocyclopentadiene	59		53		40-140	11		30
Hexachloroethane	52		47		40-140	10		30
Isophorone	57		51		40-140	11		30
Naphthalene	56		54		40-140	4		30
Nitrobenzene	63		58		40-140	8		30
NDPA/DPA	54		58		40-140	7		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-11 Batch: WG1505891-2 WG1505891-3								
n-Nitrosodi-n-propylamine	59		55		29-132	7		30
Bis(2-ethylhexyl)phthalate	72		79		40-140	9		30
Butyl benzyl phthalate	75		73		40-140	3		30
Di-n-butylphthalate	65		63		40-140	3		30
Di-n-octylphthalate	78		76		40-140	3		30
Diethyl phthalate	64		58		40-140	10		30
Dimethyl phthalate	70		63		40-140	11		30
Benzo(a)anthracene	64		59		40-140	8		30
Benzo(a)pyrene	73		70		40-140	4		30
Benzo(b)fluoranthene	72		66		40-140	9		30
Benzo(k)fluoranthene	64		61		40-140	5		30
Chrysene	59		57		40-140	3		30
Acenaphthylene	66		62		45-123	6		30
Anthracene	64		59		40-140	8		30
Benzo(ghi)perylene	63		60		40-140	5		30
Fluorene	60		56		40-140	7		30
Phenanthrene	62		59		40-140	5		30
Dibenzo(a,h)anthracene	64		60		40-140	6		30
Indeno(1,2,3-cd)pyrene	66		63		40-140	5		30
Pyrene	61		58		26-127	5		30
Biphenyl	61		58		40-140	5		30
4-Chloroaniline	50		45		40-140	11		30
2-Nitroaniline	78		71		52-143	9		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-11 Batch: WG1505891-2 WG1505891-3								
3-Nitroaniline	58		53		25-145	9		30
4-Nitroaniline	67		60		51-143	11		30
Dibenzofuran	59		55		40-140	7		30
2-Methylnaphthalene	59		55		40-140	7		30
1,2,4,5-Tetrachlorobenzene	57		54		2-134	5		30
Acetophenone	58		55		39-129	5		30
2,4,6-Trichlorophenol	69		68		30-130	1		30
p-Chloro-m-cresol	72		67		23-97	7		30
2-Chlorophenol	61		57		27-123	7		30
2,4-Dichlorophenol	69		63		30-130	9		30
2,4-Dimethylphenol	59		59		30-130	0		30
2-Nitrophenol	87		78		30-130	11		30
4-Nitrophenol	57		53		10-80	7		30
2,4-Dinitrophenol	90		90		20-130	0		30
4,6-Dinitro-o-cresol	83		76		20-164	9		30
Pentachlorophenol	80		73		9-103	9		30
Phenol	46		41		12-110	11		30
2-Methylphenol	58		55		30-130	5		30
3-Methylphenol/4-Methylphenol	64		60		30-130	6		30
2,4,5-Trichlorophenol	69		64		30-130	8		30
Benzoic Acid	69		71		10-164	3		30
Benzyl Alcohol	61		57		26-116	7		30
Carbazole	64		60		55-144	6		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PHASE II INVESTIGATION

**Lab Number:** L2127741

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Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-11 Batch: WG1505891-2 WG1505891-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	64		58		21-120
Phenol-d6	51		47		10-120
Nitrobenzene-d5	74		66		23-120
2-Fluorobiphenyl	72		68		15-120
2,4,6-Tribromophenol	86		79		10-120
4-Terphenyl-d14	74		72		41-149

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PHASE II INVESTIGATION

**Lab Number:** L2127741

**Project Number:** 11895

**Report Date:** 06/10/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 10-11 Batch: WG1505892-2 WG1505892-3								
Acenaphthene	71		68		40-140	4		40
2-Chloronaphthalene	67		62		40-140	8		40
Fluoranthene	70		70		40-140	0		40
Hexachlorobutadiene	66		62		40-140	6		40
Naphthalene	67		63		40-140	6		40
Benzo(a)anthracene	73		71		40-140	3		40
Benzo(a)pyrene	77		78		40-140	1		40
Benzo(b)fluoranthene	80		76		40-140	5		40
Benzo(k)fluoranthene	77		81		40-140	5		40
Chrysene	71		73		40-140	3		40
Acenaphthylene	67		61		40-140	9		40
Anthracene	74		71		40-140	4		40
Benzo(ghi)perylene	67		67		40-140	0		40
Fluorene	71		67		40-140	6		40
Phenanthrene	71		69		40-140	3		40
Dibenzo(a,h)anthracene	70		70		40-140	0		40
Indeno(1,2,3-cd)pyrene	66		66		40-140	0		40
Pyrene	70		70		40-140	0		40
2-Methylnaphthalene	69		64		40-140	8		40
Pentachlorophenol	66		63		40-140	5		40
Hexachlorobenzene	69		66		40-140	4		40
Hexachloroethane	69		65		40-140	6		40

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 10-11 Batch: WG1505892-2 WG1505892-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	52		57		21-120
Phenol-d6	45		47		10-120
Nitrobenzene-d5	83		77		23-120
2-Fluorobiphenyl	73		67		15-120
2,4,6-Tribromophenol	56		61		10-120
4-Terphenyl-d14	73		73		41-149

## Lab Control Sample Analysis

Batch Quality Control

Project Name: PHASE II INVESTIGATION

Project Number: 11895

Lab Number: L2127741

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab Associated sample(s): 10-11 Batch: WG1506131-2 WG1506131-3								
1,4-Dioxane	113		110		40-140	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	46		50		15-110



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1508164-2 WG1508164-3								
Acenaphthene	86		91		31-137	6		50
1,2,4-Trichlorobenzene	72		78		38-107	8		50
Hexachlorobenzene	79		84		40-140	6		50
Bis(2-chloroethyl)ether	76		78		40-140	3		50
2-Chloronaphthalene	78		84		40-140	7		50
1,2-Dichlorobenzene	71		75		40-140	5		50
1,3-Dichlorobenzene	70		75		40-140	7		50
1,4-Dichlorobenzene	72		76		28-104	5		50
3,3'-Dichlorobenzidine	71		70		40-140	1		50
2,4-Dinitrotoluene	93		100		40-132	7		50
2,6-Dinitrotoluene	98		103		40-140	5		50
Fluoranthene	90		95		40-140	5		50
4-Chlorophenyl phenyl ether	84		88		40-140	5		50
4-Bromophenyl phenyl ether	82		89		40-140	8		50
Bis(2-chloroisopropyl)ether	81		86		40-140	6		50
Bis(2-chloroethoxy)methane	74		79		40-117	7		50
Hexachlorobutadiene	68		73		40-140	7		50
Hexachlorocyclopentadiene	80		89		40-140	11		50
Hexachloroethane	73		78		40-140	7		50
Isophorone	70		73		40-140	4		50
Naphthalene	73		80		40-140	9		50
Nitrobenzene	78		81		40-140	4		50
NDPA/DPA	89		94		36-157	5		50

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1508164-2 WG1508164-3								
n-Nitrosodi-n-propylamine	74		76		32-121	3		50
Bis(2-ethylhexyl)phthalate	100		102		40-140	2		50
Butyl benzyl phthalate	108		113		40-140	5		50
Di-n-butylphthalate	94		101		40-140	7		50
Di-n-octylphthalate	104		107		40-140	3		50
Diethyl phthalate	87		92		40-140	6		50
Dimethyl phthalate	82		87		40-140	6		50
Benzo(a)anthracene	86		90		40-140	5		50
Benzo(a)pyrene	88		92		40-140	4		50
Benzo(b)fluoranthene	89		94		40-140	5		50
Benzo(k)fluoranthene	85		90		40-140	6		50
Chrysene	85		88		40-140	3		50
Acenaphthylene	76		80		40-140	5		50
Anthracene	88		93		40-140	6		50
Benzo(ghi)perylene	86		90		40-140	5		50
Fluorene	85		91		40-140	7		50
Phenanthrene	87		92		40-140	6		50
Dibenzo(a,h)anthracene	84		88		40-140	5		50
Indeno(1,2,3-cd)pyrene	86		91		40-140	6		50
Pyrene	89		95		35-142	7		50
Biphenyl	81		86		37-127	6		50
4-Chloroaniline	69		65		40-140	6		50
2-Nitroaniline	100		106		47-134	6		50

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1508164-2 WG1508164-3								
3-Nitroaniline	92		89		26-129	3		50
4-Nitroaniline	101		106		41-125	5		50
Dibenzofuran	83		88		40-140	6		50
2-Methylnaphthalene	77		83		40-140	8		50
1,2,4,5-Tetrachlorobenzene	75		81		40-117	8		50
Acetophenone	74		78		14-144	5		50
2,4,6-Trichlorophenol	86		91		30-130	6		50
p-Chloro-m-cresol	82		89		26-103	8		50
2-Chlorophenol	84		89		25-102	6		50
2,4-Dichlorophenol	84		90		30-130	7		50
2,4-Dimethylphenol	80		83		30-130	4		50
2-Nitrophenol	111		118		30-130	6		50
4-Nitrophenol	94		102		11-114	8		50
2,4-Dinitrophenol	116		131	Q	4-130	12		50
4,6-Dinitro-o-cresol	114		123		10-130	8		50
Pentachlorophenol	80		87		17-109	8		50
Phenol	79		82		26-90	4		50
2-Methylphenol	85		91		30-130	7		50
3-Methylphenol/4-Methylphenol	86		88		30-130	2		50
2,4,5-Trichlorophenol	91		96		30-130	5		50
Benzoic Acid	57		84		10-110	38		50
Benzyl Alcohol	79		80		40-140	1		50
Carbazole	89		94		54-128	5		50

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1508164-2 WG1508164-3								
1,4-Dioxane	51		52		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	80		83		25-120
Phenol-d6	78		82		10-120
Nitrobenzene-d5	76		80		23-120
2-Fluorobiphenyl	73		78		30-120
2,4,6-Tribromophenol	81		87		10-136
4-Terphenyl-d14	85		90		18-120

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** PHASE II INVESTIGATION

**Lab Number:** L2127741

**Project Number:** 11895

**Report Date:** 06/10/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 10-12 QC Batch ID: WG1505221-3 WG1505221-4 QC Sample: L2127861-01 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	4.42	38.1	45.8	109		48.7	117		67-148	6		30
Perfluoropentanoic Acid (PFPeA)	7.76	38.1	47.2	104		50.3	112		63-161	6		30
Perfluorobutanesulfonic Acid (PFBS)	3.45	33.8	39.0	105		42.3	116		65-157	8		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	35.6	42.5	119		43.7	123		37-219	3		30
Perfluorohexanoic Acid (PFHxA)	4.62	38.1	44.2	104		46.7	111		69-168	6		30
Perfluoropentanesulfonic Acid (PFPeS)	0.319JF	35.8	37.0	102		39.6	110		52-156	7		30
Perfluoroheptanoic Acid (PFHpA)	1.36J	38.1	41.7	106		44.2	113		58-159	6		30
Perfluorohexanesulfonic Acid (PFHxS)	0.923J	34.8	38.1	107		39.9	113		69-177	5		30
Perfluorooctanoic Acid (PFOA)	2.74	38.1	44.0	108		47.3	118		63-159	7		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	36.2	39.4	109		42.0	117		49-187	6		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	36.2	38.6	107		40.8	113		61-179	6		30
Perfluorononanoic Acid (PFNA)	0.766J	38.1	42.9	111		45.7	119		68-171	6		30
Perfluorooctanesulfonic Acid (PFOS)	4.93	35.3	42.7	107		44.1	111		52-151	3		30
Perfluorodecanoic Acid (PFDA)	ND	38.1	41.7	110		42.0	111		63-171	1		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	36.5	44.9	123		47.8	132		56-173	6		30
Perfluorononanesulfonic Acid (PFNS)	ND	36.6	42.7	117		39.4	108		48-150	8		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	38.1	38.6	101		41.2	109		60-166	7		30
Perfluoroundecanoic Acid (PFUnA)	ND	38.1	45.9	121		49.4	130		60-153	7		30
Perfluorodecanesulfonic Acid (PFDS)	ND	36.7	33.8	92		31.4	86		38-156	7		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	38.1	42.4	111		41.4	109		45-170	2		30
Perfluorododecanoic Acid (PFDoA)	ND	38.1	44.6	117		43.3	114		67-153	3		30
Perfluorotridecanoic Acid (PFTrDA)	ND	38.1	56.9	149		54.6	144		48-158	4		30

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** PHASE II INVESTIGATION

**Lab Number:** L2127741

**Project Number:** 11895

**Report Date:** 06/10/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 10-12 QC Batch ID: WG1505221-3 WG1505221-4 QC Sample: L2127861-01 Client ID: MS Sample												
Perfluorotetradecanoic Acid (PFTA)	ND	38.1	49.6	130		53.7	142		59-182	8		30

<i>Surrogate (Extracted Internal Standard)</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	97		89		10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	96		93		12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	95		94		14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	46		47		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	54		55		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	68		64		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	62		67		62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	59		60		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	<b>56</b>	Q	<b>58</b>	Q	60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	82		82		71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	65		64		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	71		67		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	62		61		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	80		80		62-163
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	79		82		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	<b>60</b>	Q	63		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	67		70		59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	87		86		70-131

# PCBS

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-01  
**Client ID:** B-5 (1-1.15)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 07:30  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/07/21 14:15  
**Analyst:** CW  
**Percent Solids:** 87%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/06/21 03:57  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/07/21  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	36.6	3.25	1	A
Aroclor 1221	ND		ug/kg	36.6	3.67	1	A
Aroclor 1232	ND		ug/kg	36.6	7.77	1	A
Aroclor 1242	ND		ug/kg	36.6	4.94	1	A
Aroclor 1248	ND		ug/kg	36.6	5.50	1	A
Aroclor 1254	37.6		ug/kg	36.6	4.01	1	B
Aroclor 1260	ND		ug/kg	36.6	6.77	1	A
Aroclor 1262	ND		ug/kg	36.6	4.65	1	A
Aroclor 1268	9.49	J	ug/kg	36.6	3.80	1	B
PCBs, Total	47.1	J	ug/kg	36.6	3.25	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	60		30-150	B



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-02  
**Client ID:** B-6 (1.5-2.0)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 08:00  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/07/21 14:22  
**Analyst:** CW  
**Percent Solids:** 92%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/06/21 03:57  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/07/21  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	34.0	3.02	1	A
Aroclor 1221	ND		ug/kg	34.0	3.41	1	A
Aroclor 1232	ND		ug/kg	34.0	7.22	1	A
Aroclor 1242	ND		ug/kg	34.0	4.59	1	A
Aroclor 1248	ND		ug/kg	34.0	5.11	1	A
Aroclor 1254	9.24	J	ug/kg	34.0	3.72	1	A
Aroclor 1260	ND		ug/kg	34.0	6.29	1	A
Aroclor 1262	ND		ug/kg	34.0	4.32	1	A
Aroclor 1268	ND		ug/kg	34.0	3.53	1	A
PCBs, Total	9.24	J	ug/kg	34.0	3.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	52		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-03  
**Client ID:** B-6 (8.5-9.0)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 08:15  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/07/21 10:24  
**Analyst:** JM  
**Percent Solids:** 97%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/06/21 16:52  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/07/21  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	33.1	2.94	1	A
Aroclor 1221	ND		ug/kg	33.1	3.32	1	A
Aroclor 1232	ND		ug/kg	33.1	7.02	1	A
Aroclor 1242	ND		ug/kg	33.1	4.46	1	A
Aroclor 1248	ND		ug/kg	33.1	4.96	1	A
Aroclor 1254	ND		ug/kg	33.1	3.62	1	A
Aroclor 1260	ND		ug/kg	33.1	6.12	1	A
Aroclor 1262	ND		ug/kg	33.1	4.20	1	A
Aroclor 1268	ND		ug/kg	33.1	3.43	1	A
PCBs, Total	ND		ug/kg	33.1	2.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	67		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-04  
**Client ID:** B-7 (3-3.5)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 08:30  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/07/21 14:29  
**Analyst:** CW  
**Percent Solids:** 99%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/06/21 03:57  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/07/21  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	33.6	2.98	1	A
Aroclor 1221	ND		ug/kg	33.6	3.36	1	A
Aroclor 1232	ND		ug/kg	33.6	7.12	1	A
Aroclor 1242	ND		ug/kg	33.6	4.53	1	A
Aroclor 1248	ND		ug/kg	33.6	5.04	1	A
Aroclor 1254	ND		ug/kg	33.6	3.67	1	A
Aroclor 1260	ND		ug/kg	33.6	6.21	1	A
Aroclor 1262	ND		ug/kg	33.6	4.27	1	A
Aroclor 1268	ND		ug/kg	33.6	3.48	1	A
PCBs, Total	ND		ug/kg	33.6	2.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	49		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-05  
**Client ID:** B-8 (4-4.5)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 08:45  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/07/21 14:36  
**Analyst:** CW  
**Percent Solids:** 80%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/06/21 03:57  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/07/21  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	41.4	3.67	1	A
Aroclor 1221	ND		ug/kg	41.4	4.14	1	A
Aroclor 1232	ND		ug/kg	41.4	8.77	1	A
Aroclor 1242	ND		ug/kg	41.4	5.58	1	A
Aroclor 1248	ND		ug/kg	41.4	6.20	1	A
Aroclor 1254	ND		ug/kg	41.4	4.52	1	A
Aroclor 1260	ND		ug/kg	41.4	7.64	1	A
Aroclor 1262	ND		ug/kg	41.4	5.25	1	A
Aroclor 1268	ND		ug/kg	41.4	4.28	1	A
PCBs, Total	ND		ug/kg	41.4	3.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	41		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-06  
**Client ID:** B-9 (1-1.5)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 08:50  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/07/21 15:18  
**Analyst:** CW  
**Percent Solids:** 91%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/06/21 03:57  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/07/21  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	35.1	3.12	1	A
Aroclor 1221	ND		ug/kg	35.1	3.52	1	A
Aroclor 1232	ND		ug/kg	35.1	7.44	1	A
Aroclor 1242	ND		ug/kg	35.1	4.73	1	A
Aroclor 1248	ND		ug/kg	35.1	5.26	1	A
Aroclor 1254	ND		ug/kg	35.1	3.84	1	A
Aroclor 1260	ND		ug/kg	35.1	6.49	1	A
Aroclor 1262	ND		ug/kg	35.1	4.46	1	A
Aroclor 1268	ND		ug/kg	35.1	3.64	1	A
PCBs, Total	ND		ug/kg	35.1	3.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	54		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-07  
**Client ID:** B-10 (2-2.5)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 09:00  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/07/21 14:43  
**Analyst:** CW  
**Percent Solids:** 93%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/06/21 03:57  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/07/21  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	34.7	3.08	1	A
Aroclor 1221	ND		ug/kg	34.7	3.48	1	A
Aroclor 1232	ND		ug/kg	34.7	7.36	1	A
Aroclor 1242	ND		ug/kg	34.7	4.68	1	A
Aroclor 1248	ND		ug/kg	34.7	5.21	1	A
Aroclor 1254	ND		ug/kg	34.7	3.80	1	A
Aroclor 1260	ND		ug/kg	34.7	6.42	1	A
Aroclor 1262	ND		ug/kg	34.7	4.41	1	A
Aroclor 1268	ND		ug/kg	34.7	3.60	1	A
PCBs, Total	ND		ug/kg	34.7	3.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	45		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-08  
**Client ID:** SOIL (0-6")  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 09:30  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 06/07/21 14:50  
**Analyst:** CW  
**Percent Solids:** 86%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/06/21 03:57  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 06/07/21  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	37.8	3.36	1	A
Aroclor 1221	ND		ug/kg	37.8	3.78	1	A
Aroclor 1232	ND		ug/kg	37.8	8.01	1	A
Aroclor 1242	ND		ug/kg	37.8	5.09	1	A
Aroclor 1248	ND		ug/kg	37.8	5.67	1	A
Aroclor 1254	ND		ug/kg	37.8	4.13	1	A
Aroclor 1260	ND		ug/kg	37.8	6.98	1	A
Aroclor 1262	ND		ug/kg	37.8	4.80	1	A
Aroclor 1268	ND		ug/kg	37.8	3.91	1	A
PCBs, Total	ND		ug/kg	37.8	3.36	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	37		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-09  
 Client ID: SOIL (6-12")  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 09:45  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 06/07/21 14:57  
 Analyst: CW  
 Percent Solids: 84%

Extraction Method: EPA 3546  
 Extraction Date: 06/06/21 03:57  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 06/07/21  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/kg	37.9	3.36	1	A
Aroclor 1221	ND		ug/kg	37.9	3.80	1	A
Aroclor 1232	ND		ug/kg	37.9	8.03	1	A
Aroclor 1242	ND		ug/kg	37.9	5.10	1	A
Aroclor 1248	ND		ug/kg	37.9	5.68	1	A
Aroclor 1254	ND		ug/kg	37.9	4.14	1	A
Aroclor 1260	ND		ug/kg	37.9	7.00	1	A
Aroclor 1262	ND		ug/kg	37.9	4.81	1	A
Aroclor 1268	ND		ug/kg	37.9	3.92	1	A
PCBs, Total	ND		ug/kg	37.9	3.36	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	32		30-150	B



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-10  
**Client ID:** TW-1  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 13:45  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Water  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/31/21 12:38  
**Analyst:** AWS

**Extraction Method:** EPA 3510C  
**Extraction Date:** 05/30/21 20:10  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/31/21  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/31/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	66		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-11  
**Client ID:** TW-2  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 14:00  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Water  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/31/21 12:46  
**Analyst:** AWS

**Extraction Method:** EPA 3510C  
**Extraction Date:** 05/30/21 20:10  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/31/21  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/31/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	63		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8082A  
Analytical Date: 05/31/21 11:36  
Analyst: AWS

Extraction Method: EPA 3510C  
Extraction Date: 05/30/21 20:10  
Cleanup Method: EPA 3665A  
Cleanup Date: 05/31/21  
Cleanup Method: EPA 3660B  
Cleanup Date: 05/31/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 10-11 Batch: WG1505602-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	81		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8082A  
Analytical Date: 06/06/21 20:26  
Analyst: JAW

Extraction Method: EPA 3546  
Extraction Date: 06/06/21 02:59  
Cleanup Method: EPA 3665A  
Cleanup Date: 06/06/21  
Cleanup Method: EPA 3660B  
Cleanup Date: 06/06/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03 Batch: WG1508149-1						
Aroclor 1016	ND		ug/kg	32.5	2.89	A
Aroclor 1221	ND		ug/kg	32.5	3.26	A
Aroclor 1232	ND		ug/kg	32.5	6.89	A
Aroclor 1242	ND		ug/kg	32.5	4.38	A
Aroclor 1248	ND		ug/kg	32.5	4.88	A
Aroclor 1254	ND		ug/kg	32.5	3.56	A
Aroclor 1260	ND		ug/kg	32.5	6.01	A
Aroclor 1262	ND		ug/kg	32.5	4.13	A
Aroclor 1268	ND		ug/kg	32.5	3.37	A
PCBs, Total	ND		ug/kg	32.5	2.89	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	58		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8082A  
Analytical Date: 06/07/21 13:19  
Analyst: CW

Extraction Method: EPA 3546  
Extraction Date: 06/06/21 03:57  
Cleanup Method: EPA 3665A  
Cleanup Date: 06/07/21  
Cleanup Method: EPA 3660B  
Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02,04-09 Batch: WG1508150-1						
Aroclor 1016	ND		ug/kg	32.8	2.92	A
Aroclor 1221	ND		ug/kg	32.8	3.29	A
Aroclor 1232	ND		ug/kg	32.8	6.96	A
Aroclor 1242	ND		ug/kg	32.8	4.43	A
Aroclor 1248	ND		ug/kg	32.8	4.93	A
Aroclor 1254	ND		ug/kg	32.8	3.59	A
Aroclor 1260	ND		ug/kg	32.8	6.07	A
Aroclor 1262	ND		ug/kg	32.8	4.17	A
Aroclor 1268	ND		ug/kg	32.8	3.40	A
PCBs, Total	ND		ug/kg	32.8	2.92	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	80		30-150	B

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 10-11 Batch: WG1505602-2 WG1505602-3									
Aroclor 1016	78		80		40-140	3		50	A
Aroclor 1260	77		78		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		85		30-150	A
Decachlorobiphenyl	75		82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		88		30-150	B
Decachlorobiphenyl	88		90		30-150	B

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03 Batch: WG1508149-2 WG1508149-3									
Aroclor 1016	53		63		40-140	17		50	A
Aroclor 1260	52		63		40-140	19		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		59		30-150	A
Decachlorobiphenyl	50		59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		60		30-150	B
Decachlorobiphenyl	50		58		30-150	B

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02,04-09 Batch: WG1508150-2 WG1508150-3									
Aroclor 1016	87		85		40-140	2		50	A
Aroclor 1260	93		90		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		72		30-150	A
Decachlorobiphenyl	81		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		74		30-150	B
Decachlorobiphenyl	78		75		30-150	B



# PESTICIDES

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-01 D  
 Client ID: B-5 (1-1.15)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 07:30  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 06/08/21 16:50  
 Analyst: AR  
 Percent Solids: 87%

Extraction Method: EPA 3546  
 Extraction Date: 06/06/21 05:45  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 06/08/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	8.80	1.72	5	A
Lindane	ND		ug/kg	3.66	1.64	5	A
Alpha-BHC	ND		ug/kg	3.66	1.04	5	A
Beta-BHC	ND		ug/kg	8.80	3.34	5	A
Heptachlor	ND		ug/kg	4.40	1.97	5	A
Aldrin	ND		ug/kg	8.80	3.10	5	A
Heptachlor epoxide	ND		ug/kg	16.5	4.95	5	A
Endrin	ND		ug/kg	3.66	1.50	5	A
Endrin aldehyde	ND		ug/kg	11.0	3.85	5	A
Endrin ketone	ND		ug/kg	8.80	2.26	5	A
Dieldrin	ND		ug/kg	5.50	2.75	5	A
4,4'-DDE	ND		ug/kg	8.80	2.03	5	A
4,4'-DDD	ND		ug/kg	8.80	3.14	5	A
4,4'-DDT	ND		ug/kg	16.5	7.07	5	A
Endosulfan I	ND		ug/kg	8.80	2.08	5	A
Endosulfan II	ND		ug/kg	8.80	2.94	5	A
Endosulfan sulfate	ND		ug/kg	3.66	1.74	5	A
Methoxychlor	ND		ug/kg	16.5	5.13	5	A
Toxaphene	ND		ug/kg	165	46.2	5	A
cis-Chlordane	ND		ug/kg	11.0	3.06	5	A
trans-Chlordane	ND		ug/kg	11.0	2.90	5	A
Chlordane	ND		ug/kg	73.3	29.1	5	A

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-01 D

Date Collected: 05/25/21 07:30

Client ID: B-5 (1-1.15)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	123		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	219	Q	30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-02 D  
 Client ID: B-6 (1.5-2.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 08:00  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 06/08/21 17:03  
 Analyst: AR  
 Percent Solids: 92%

Extraction Method: EPA 3546  
 Extraction Date: 06/06/21 05:45  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 06/08/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	8.50	1.66	5	A
Lindane	ND		ug/kg	3.54	1.58	5	A
Alpha-BHC	ND		ug/kg	3.54	1.00	5	A
Beta-BHC	ND		ug/kg	8.50	3.22	5	A
Heptachlor	ND		ug/kg	4.25	1.90	5	A
Aldrin	ND		ug/kg	8.50	2.99	5	A
Heptachlor epoxide	ND		ug/kg	15.9	4.78	5	A
Endrin	ND		ug/kg	3.54	1.45	5	A
Endrin aldehyde	ND		ug/kg	10.6	3.72	5	A
Endrin ketone	ND		ug/kg	8.50	2.19	5	A
Dieldrin	ND		ug/kg	5.31	2.66	5	A
4,4'-DDE	ND		ug/kg	8.50	1.96	5	A
4,4'-DDD	ND		ug/kg	8.50	3.03	5	A
4,4'-DDT	ND		ug/kg	15.9	6.83	5	A
Endosulfan I	ND		ug/kg	8.50	2.01	5	A
Endosulfan II	ND		ug/kg	8.50	2.84	5	A
Endosulfan sulfate	ND		ug/kg	3.54	1.68	5	A
Methoxychlor	ND		ug/kg	15.9	4.96	5	A
Toxaphene	ND		ug/kg	159	44.6	5	A
cis-Chlordane	ND		ug/kg	10.6	2.96	5	A
trans-Chlordane	ND		ug/kg	10.6	2.80	5	A
Chlordane	ND		ug/kg	70.8	28.2	5	A

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-02 D

Date Collected: 05/25/21 08:00

Client ID: B-6 (1.5-2.0)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	92		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-03  
 Client ID: B-6 (8.5-9.0)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

Date Collected: 05/25/21 08:15  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 06/07/21 17:28  
 Analyst: SDC  
 Percent Solids: 97%

Extraction Method: EPA 3546  
 Extraction Date: 06/06/21 15:42  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	1.55	0.303	1	A
Lindane	ND		ug/kg	0.644	0.288	1	A
Alpha-BHC	ND		ug/kg	0.644	0.183	1	A
Beta-BHC	ND		ug/kg	1.55	0.586	1	A
Heptachlor	ND		ug/kg	0.773	0.347	1	A
Aldrin	ND		ug/kg	1.55	0.545	1	A
Heptachlor epoxide	ND		ug/kg	2.90	0.870	1	A
Endrin	ND		ug/kg	0.644	0.264	1	A
Endrin aldehyde	ND		ug/kg	1.93	0.677	1	A
Endrin ketone	ND		ug/kg	1.55	0.398	1	A
Dieldrin	ND		ug/kg	0.967	0.483	1	A
4,4'-DDE	ND		ug/kg	1.55	0.358	1	A
4,4'-DDD	ND		ug/kg	1.55	0.552	1	A
4,4'-DDT	ND		ug/kg	2.90	1.24	1	A
Endosulfan I	ND		ug/kg	1.55	0.365	1	A
Endosulfan II	ND		ug/kg	1.55	0.517	1	A
Endosulfan sulfate	ND		ug/kg	0.644	0.307	1	A
Methoxychlor	ND		ug/kg	2.90	0.902	1	A
Toxaphene	ND		ug/kg	29.0	8.12	1	A
cis-Chlordane	ND		ug/kg	1.93	0.539	1	A
trans-Chlordane	ND		ug/kg	1.93	0.510	1	A
Chlordane	ND		ug/kg	12.9	5.12	1	A

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-03

Date Collected: 05/25/21 08:15

Client ID: B-6 (8.5-9.0)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	67		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-04  
**Client ID:** B-7 (3-3.5)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 08:30  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8081B  
**Analytical Date:** 06/07/21 19:31  
**Analyst:** JMC  
**Percent Solids:** 99%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/06/21 05:45  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	1.61	0.316	1	A
Lindane	ND		ug/kg	0.672	0.300	1	A
Alpha-BHC	ND		ug/kg	0.672	0.191	1	A
Beta-BHC	ND		ug/kg	1.61	0.611	1	A
Heptachlor	ND		ug/kg	0.806	0.361	1	A
Aldrin	ND		ug/kg	1.61	0.568	1	A
Heptachlor epoxide	ND		ug/kg	3.02	0.907	1	A
Endrin	ND		ug/kg	0.672	0.275	1	A
Endrin aldehyde	ND		ug/kg	2.02	0.705	1	A
Endrin ketone	ND		ug/kg	1.61	0.415	1	A
Dieldrin	ND		ug/kg	1.01	0.504	1	A
4,4'-DDE	ND		ug/kg	1.61	0.373	1	A
4,4'-DDD	ND		ug/kg	1.61	0.575	1	A
4,4'-DDT	ND		ug/kg	3.02	1.30	1	A
Endosulfan I	ND		ug/kg	1.61	0.381	1	A
Endosulfan II	ND		ug/kg	1.61	0.539	1	A
Endosulfan sulfate	ND		ug/kg	0.672	0.320	1	A
Methoxychlor	ND		ug/kg	3.02	0.940	1	A
Toxaphene	ND		ug/kg	30.2	8.46	1	A
cis-Chlordane	1.22	J	ug/kg	2.02	0.562	1	A
trans-Chlordane	1.88	J	ug/kg	2.02	0.532	1	A
Chlordane	ND		ug/kg	13.4	5.34	1	A



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-04

Date Collected: 05/25/21 08:30

Client ID: B-7 (3-3.5)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	91		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-05  
 Client ID: B-8 (4-4.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 08:45  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 06/07/21 19:43  
 Analyst: JMC  
 Percent Solids: 80%

Extraction Method: EPA 3546  
 Extraction Date: 06/06/21 05:45  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	1.99	0.389	1	A
Lindane	ND		ug/kg	0.828	0.370	1	A
Alpha-BHC	ND		ug/kg	0.828	0.235	1	A
Beta-BHC	ND		ug/kg	1.99	0.753	1	A
Heptachlor	ND		ug/kg	0.993	0.445	1	A
Aldrin	ND		ug/kg	1.99	0.699	1	A
Heptachlor epoxide	ND		ug/kg	3.72	1.12	1	A
Endrin	ND		ug/kg	0.828	0.339	1	A
Endrin aldehyde	ND		ug/kg	2.48	0.869	1	A
Endrin ketone	ND		ug/kg	1.99	0.512	1	A
Dieldrin	ND		ug/kg	1.24	0.621	1	A
4,4'-DDE	ND		ug/kg	1.99	0.459	1	A
4,4'-DDD	ND		ug/kg	1.99	0.708	1	A
4,4'-DDT	ND		ug/kg	3.72	1.60	1	A
Endosulfan I	ND		ug/kg	1.99	0.469	1	A
Endosulfan II	ND		ug/kg	1.99	0.664	1	A
Endosulfan sulfate	ND		ug/kg	0.828	0.394	1	A
Methoxychlor	ND		ug/kg	3.72	1.16	1	A
Toxaphene	ND		ug/kg	37.2	10.4	1	A
cis-Chlordane	ND		ug/kg	2.48	0.692	1	A
trans-Chlordane	ND		ug/kg	2.48	0.656	1	A
Chlordane	ND		ug/kg	16.6	6.58	1	A

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-05

Date Collected: 05/25/21 08:45

Client ID: B-8 (4-4.5)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	79		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-06  
 Client ID: B-9 (1-1.5)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 08:50  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 06/07/21 19:56  
 Analyst: JMC  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 06/06/21 05:45  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.732	0.327	1	A
Alpha-BHC	ND		ug/kg	0.732	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.666	1	A
Heptachlor	ND		ug/kg	0.879	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.619	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.989	1	A
Endrin	ND		ug/kg	0.732	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.769	1	A
Endrin ketone	ND		ug/kg	1.76	0.453	1	A
Dieldrin	4.71		ug/kg	1.10	0.549	1	A
4,4'-DDE	4.57		ug/kg	1.76	0.406	1	B
4,4'-DDD	ND		ug/kg	1.76	0.627	1	A
4,4'-DDT	6.51		ug/kg	3.30	1.41	1	B
Endosulfan I	ND		ug/kg	1.76	0.415	1	A
Endosulfan II	ND		ug/kg	1.76	0.587	1	A
Endosulfan sulfate	ND		ug/kg	0.732	0.349	1	A
Methoxychlor	ND		ug/kg	3.30	1.02	1	A
Toxaphene	ND		ug/kg	33.0	9.23	1	A
cis-Chlordane	2.46	IP	ug/kg	2.20	0.612	1	B
trans-Chlordane	3.12	IP	ug/kg	2.20	0.580	1	A
Chlordane	ND		ug/kg	14.6	5.82	1	A

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-06

Date Collected: 05/25/21 08:50

Client ID: B-9 (1-1.5)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	93		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-07  
**Client ID:** B-10 (2-2.5)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 09:00  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8081B  
**Analytical Date:** 06/07/21 20:08  
**Analyst:** JMC  
**Percent Solids:** 93%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/06/21 05:45  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	1.62	0.317	1	A
Lindane	ND		ug/kg	0.674	0.301	1	A
Alpha-BHC	ND		ug/kg	0.674	0.191	1	A
Beta-BHC	ND		ug/kg	1.62	0.613	1	A
Heptachlor	ND		ug/kg	0.809	0.362	1	A
Aldrin	ND		ug/kg	1.62	0.569	1	A
Heptachlor epoxide	ND		ug/kg	3.03	0.910	1	A
Endrin	ND		ug/kg	0.674	0.276	1	A
Endrin aldehyde	ND		ug/kg	2.02	0.708	1	A
Endrin ketone	ND		ug/kg	1.62	0.416	1	A
Dieldrin	0.823	J	ug/kg	1.01	0.505	1	A
4,4'-DDE	0.547	J	ug/kg	1.62	0.374	1	A
4,4'-DDD	ND		ug/kg	1.62	0.577	1	A
4,4'-DDT	1.98	JP	ug/kg	3.03	1.30	1	B
Endosulfan I	ND		ug/kg	1.62	0.382	1	A
Endosulfan II	ND		ug/kg	1.62	0.540	1	A
Endosulfan sulfate	ND		ug/kg	0.674	0.321	1	A
Methoxychlor	ND		ug/kg	3.03	0.943	1	A
Toxaphene	ND		ug/kg	30.3	8.49	1	A
cis-Chlordane	ND	IP	ug/kg	2.02	0.563	1	B
trans-Chlordane	1.14	JIP	ug/kg	2.02	0.534	1	A
Chlordane	ND		ug/kg	13.5	5.36	1	A

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-07

Date Collected: 05/25/21 09:00

Client ID: B-10 (2-2.5)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	116		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-08  
**Client ID:** SOIL (0-6")  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 09:30  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8081B  
**Analytical Date:** 06/07/21 20:21  
**Analyst:** JMC  
**Percent Solids:** 86%

**Extraction Method:** EPA 3546  
**Extraction Date:** 06/06/21 05:45  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	1.77	0.346	1	A
Lindane	ND		ug/kg	0.737	0.329	1	A
Alpha-BHC	ND		ug/kg	0.737	0.209	1	A
Beta-BHC	ND		ug/kg	1.77	0.671	1	A
Heptachlor	ND		ug/kg	0.884	0.396	1	A
Aldrin	ND		ug/kg	1.77	0.623	1	A
Heptachlor epoxide	ND		ug/kg	3.32	0.995	1	A
Endrin	ND		ug/kg	0.737	0.302	1	A
Endrin aldehyde	ND		ug/kg	2.21	0.774	1	A
Endrin ketone	ND		ug/kg	1.77	0.455	1	A
Dieldrin	ND		ug/kg	1.10	0.553	1	A
4,4'-DDE	ND		ug/kg	1.77	0.409	1	A
4,4'-DDD	ND		ug/kg	1.77	0.631	1	A
4,4'-DDT	ND		ug/kg	3.32	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.591	1	A
Endosulfan sulfate	ND		ug/kg	0.737	0.351	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.29	1	A
cis-Chlordane	ND		ug/kg	2.21	0.616	1	A
trans-Chlordane	ND		ug/kg	2.21	0.584	1	A
Chlordane	ND		ug/kg	14.7	5.86	1	A



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-08

Date Collected: 05/25/21 09:30

Client ID: SOIL (0-6")

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	94		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-09  
 Client ID: SOIL (6-12")  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 09:45  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 06/07/21 20:34  
 Analyst: JMC  
 Percent Solids: 84%

Extraction Method: EPA 3546  
 Extraction Date: 06/06/21 06:35  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/kg	1.82	0.357	1	A
Lindane	ND		ug/kg	0.759	0.339	1	A
Alpha-BHC	ND		ug/kg	0.759	0.216	1	A
Beta-BHC	ND		ug/kg	1.82	0.691	1	A
Heptachlor	ND		ug/kg	0.911	0.408	1	A
Aldrin	ND		ug/kg	1.82	0.642	1	A
Heptachlor epoxide	ND		ug/kg	3.42	1.02	1	A
Endrin	ND		ug/kg	0.759	0.311	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.797	1	A
Endrin ketone	ND		ug/kg	1.82	0.469	1	A
Dieldrin	ND		ug/kg	1.14	0.570	1	A
4,4'-DDE	0.597	J	ug/kg	1.82	0.421	1	B
4,4'-DDD	ND		ug/kg	1.82	0.650	1	A
4,4'-DDT	ND		ug/kg	3.42	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.430	1	A
Endosulfan II	ND		ug/kg	1.82	0.609	1	A
Endosulfan sulfate	ND		ug/kg	0.759	0.361	1	A
Methoxychlor	ND		ug/kg	3.42	1.06	1	A
Toxaphene	ND		ug/kg	34.2	9.57	1	A
cis-Chlordane	ND		ug/kg	2.28	0.635	1	A
trans-Chlordane	ND		ug/kg	2.28	0.601	1	A
Chlordane	ND		ug/kg	15.2	6.04	1	A

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-09

Date Collected: 05/25/21 09:45

Client ID: SOIL (6-12")

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	105		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-10  
**Client ID:** TW-1  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 13:45  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water  
**Analytical Method:** 1,8081B  
**Analytical Date:** 05/31/21 18:21  
**Analyst:** AR

**Extraction Method:** EPA 3510C  
**Extraction Date:** 05/30/21 17:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-10

Date Collected: 05/25/21 13:45

Client ID: TW-1

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	41		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-11  
 Client ID: TW-2  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
 NY

Date Collected: 05/25/21 14:00  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 05/31/21 18:31  
 Analyst: AR

Extraction Method: EPA 3510C  
 Extraction Date: 05/30/21 17:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-11

Date Collected: 05/25/21 14:00

Client ID: TW-2

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER,  
NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	39		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 05/31/21 15:53  
Analyst: AR

Extraction Method: EPA 3510C  
Extraction Date: 05/30/21 17:28

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 10-11 Batch: WG1505588-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 05/31/21 15:53  
Analyst: AR

Extraction Method: EPA 3510C  
Extraction Date: 05/30/21 17:28

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 10-11 Batch: WG1505588-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	54		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 06/07/21 18:40  
Analyst: JMC

Extraction Method: EPA 3546  
Extraction Date: 06/06/21 05:45  
Cleanup Method: EPA 3620B  
Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,04-09 Batch: WG1508154-1						
Delta-BHC	ND		ug/kg	1.59	0.312	A
Lindane	ND		ug/kg	0.664	0.297	A
Alpha-BHC	ND		ug/kg	0.664	0.189	A
Beta-BHC	ND		ug/kg	1.59	0.605	A
Heptachlor	ND		ug/kg	0.797	0.357	A
Aldrin	ND		ug/kg	1.59	0.561	A
Heptachlor epoxide	ND		ug/kg	2.99	0.897	A
Endrin	ND		ug/kg	0.664	0.272	A
Endrin aldehyde	ND		ug/kg	1.99	0.698	A
Endrin ketone	ND		ug/kg	1.59	0.411	A
Dieldrin	ND		ug/kg	0.997	0.498	A
4,4'-DDE	ND		ug/kg	1.59	0.369	A
4,4'-DDD	ND		ug/kg	1.59	0.569	A
4,4'-DDT	ND		ug/kg	2.99	1.28	A
Endosulfan I	ND		ug/kg	1.59	0.377	A
Endosulfan II	ND		ug/kg	1.59	0.533	A
Endosulfan sulfate	ND		ug/kg	0.664	0.316	A
Methoxychlor	ND		ug/kg	2.99	0.930	A
Toxaphene	ND		ug/kg	29.9	8.37	A
cis-Chlordane	ND		ug/kg	1.99	0.555	A
trans-Chlordane	ND		ug/kg	1.99	0.526	A
Chlordane	ND		ug/kg	13.3	5.28	A

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 06/07/21 18:40  
Analyst: JMC

Extraction Method: EPA 3546  
Extraction Date: 06/06/21 05:45  
Cleanup Method: EPA 3620B  
Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,04-09 Batch: WG1508154-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	103		30-150	B

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 06/07/21 16:44  
Analyst: SDC

Extraction Method: EPA 3546  
Extraction Date: 06/06/21 15:42  
Cleanup Method: EPA 3620B  
Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1508274-1						
Delta-BHC	ND		ug/kg	1.55	0.303	A
Lindane	ND		ug/kg	0.644	0.288	A
Alpha-BHC	ND		ug/kg	0.644	0.183	A
Beta-BHC	ND		ug/kg	1.55	0.586	A
Heptachlor	ND		ug/kg	0.773	0.347	A
Aldrin	ND		ug/kg	1.55	0.544	A
Heptachlor epoxide	ND		ug/kg	2.90	0.870	A
Endrin	ND		ug/kg	0.644	0.264	A
Endrin aldehyde	ND		ug/kg	1.93	0.676	A
Endrin ketone	ND		ug/kg	1.55	0.398	A
Dieldrin	ND		ug/kg	0.966	0.483	A
4,4'-DDE	ND		ug/kg	1.55	0.358	A
4,4'-DDD	ND		ug/kg	1.55	0.552	A
4,4'-DDT	ND		ug/kg	2.90	1.24	A
Endosulfan I	ND		ug/kg	1.55	0.365	A
Endosulfan II	ND		ug/kg	1.55	0.517	A
Endosulfan sulfate	ND		ug/kg	0.644	0.307	A
Methoxychlor	ND		ug/kg	2.90	0.902	A
Toxaphene	ND		ug/kg	29.0	8.12	A
cis-Chlordane	ND		ug/kg	1.93	0.539	A
trans-Chlordane	ND		ug/kg	1.93	0.510	A
Chlordane	ND		ug/kg	12.9	5.12	A

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 06/07/21 16:44  
Analyst: SDC

Extraction Method: EPA 3546  
Extraction Date: 06/06/21 15:42  
Cleanup Method: EPA 3620B  
Cleanup Date: 06/07/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1508274-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	65		30-150	B

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 10-11 Batch: WG1505588-2 WG1505588-3									
Delta-BHC	98		64		30-150	43	Q	20	A
Lindane	107		71		30-150	41	Q	20	A
Alpha-BHC	116		78		30-150	39	Q	20	A
Beta-BHC	106		70		30-150	41	Q	20	A
Heptachlor	109		73		30-150	40	Q	20	A
Aldrin	108		69		30-150	44	Q	20	A
Heptachlor epoxide	111		70		30-150	46	Q	20	A
Endrin	110		73		30-150	41	Q	20	A
Endrin aldehyde	101		67		30-150	41	Q	20	A
Endrin ketone	115		77		30-150	40	Q	20	A
Dieldrin	119		76		30-150	45	Q	20	A
4,4'-DDE	113		73		30-150	43	Q	20	A
4,4'-DDD	120		81		30-150	39	Q	20	A
4,4'-DDT	125		82		30-150	41	Q	20	A
Endosulfan I	118		75		30-150	45	Q	20	A
Endosulfan II	115		76		30-150	40	Q	20	A
Endosulfan sulfate	110		73		30-150	40	Q	20	A
Methoxychlor	129		86		30-150	40	Q	20	A
cis-Chlordane	107		68		30-150	45	Q	20	A
trans-Chlordane	107		68		30-150	45	Q	20	A

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 10-11 Batch: WG1505588-2 WG1505588-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	105		74		30-150	A
Decachlorobiphenyl	91		63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		70		30-150	B
Decachlorobiphenyl	87		59		30-150	B

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,04-09 Batch: WG1508154-2 WG1508154-3									
Delta-BHC	78		87		30-150	11		30	A
Lindane	77		87		30-150	12		30	A
Alpha-BHC	81		91		30-150	12		30	A
Beta-BHC	73		77		30-150	5		30	A
Heptachlor	72		82		30-150	13		30	A
Aldrin	72		82		30-150	13		30	A
Heptachlor epoxide	68		77		30-150	12		30	A
Endrin	72		83		30-150	14		30	A
Endrin aldehyde	61		67		30-150	9		30	A
Endrin ketone	70		78		30-150	11		30	A
Dieldrin	76		87		30-150	13		30	A
4,4'-DDE	70		82		30-150	16		30	A
4,4'-DDD	73		84		30-150	14		30	A
4,4'-DDT	68		78		30-150	14		30	A
Endosulfan I	67		77		30-150	14		30	A
Endosulfan II	70		80		30-150	13		30	A
Endosulfan sulfate	60		65		30-150	8		30	A
Methoxychlor	58		65		30-150	11		30	A
cis-Chlordane	59		68		30-150	14		30	A
trans-Chlordane	73		83		30-150	13		30	A



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Project Number: 11895

Lab Number: L2127741

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,04-09 Batch: WG1508154-2 WG1508154-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		85		30-150	A
Decachlorobiphenyl	77		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		81		30-150	B
Decachlorobiphenyl	91		98		30-150	B

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Project Number: 11895

Lab Number: L2127741

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1508274-2 WG1508274-3									
Delta-BHC	70		68		30-150	3		30	A
Lindane	69		67		30-150	3		30	A
Alpha-BHC	73		72		30-150	1		30	A
Beta-BHC	73		68		30-150	7		30	A
Heptachlor	64		63		30-150	2		30	A
Aldrin	63		63		30-150	0		30	A
Heptachlor epoxide	58		60		30-150	3		30	A
Endrin	66		63		30-150	5		30	A
Endrin aldehyde	59		58		30-150	2		30	A
Endrin ketone	64		61		30-150	5		30	A
Dieldrin	68		66		30-150	3		30	A
4,4'-DDE	67		62		30-150	8		30	A
4,4'-DDD	70		68		30-150	3		30	A
4,4'-DDT	69		66		30-150	4		30	A
Endosulfan I	64		61		30-150	5		30	A
Endosulfan II	67		64		30-150	5		30	A
Endosulfan sulfate	53		54		30-150	2		30	A
Methoxychlor	63		62		30-150	2		30	A
cis-Chlordane	64		62		30-150	3		30	A
trans-Chlordane	66		65		30-150	2		30	A

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1508274-2 WG1508274-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	68		64		30-150	A
Decachlorobiphenyl	65		61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		66		30-150	B
Decachlorobiphenyl	70		67		30-150	B

## METALS

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-01  
 Client ID: B-5 (1-1.15)  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT  
 CHESTER, NY

Date Collected: 05/25/21 07:30  
 Date Received: 05/25/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	7020		mg/kg	9.05	2.44	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.52	0.344	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV
Arsenic, Total	2.81		mg/kg	0.905	0.188	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV
Barium, Total	198		mg/kg	0.905	0.157	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV
Beryllium, Total	0.272	J	mg/kg	0.452	0.030	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV
Cadmium, Total	0.733	J	mg/kg	0.905	0.089	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV
Calcium, Total	10700		mg/kg	9.05	3.17	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV
Chromium, Total	14.3		mg/kg	0.905	0.087	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV
Cobalt, Total	7.90		mg/kg	1.81	0.150	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV
Copper, Total	22.4		mg/kg	0.905	0.234	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV
Iron, Total	18300		mg/kg	4.52	0.817	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV
Lead, Total	230		mg/kg	4.52	0.242	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV
Magnesium, Total	3490		mg/kg	9.05	1.39	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV
Manganese, Total	216		mg/kg	0.905	0.144	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV
Mercury, Total	0.161		mg/kg	0.073	0.047	1	06/03/21 10:20	06/06/21 17:06	EPA 7471B	1,7471B	OU
Nickel, Total	15.1		mg/kg	2.26	0.219	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV
Potassium, Total	3320		mg/kg	226	13.0	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV
Selenium, Total	0.335	J	mg/kg	1.81	0.234	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.905	0.256	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV
Sodium, Total	277		mg/kg	181	2.85	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.81	0.285	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV
Vanadium, Total	20.9		mg/kg	0.905	0.184	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV
Zinc, Total	187		mg/kg	4.52	0.265	2	06/03/21 09:20	06/08/21 22:26	EPA 3050B	1,6010D	BV



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-02

Date Collected: 05/25/21 08:00

Client ID: B-6 (1.5-2.0)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT  
CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	12400		mg/kg	8.32	2.25	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.16	0.316	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV
Arsenic, Total	3.95		mg/kg	0.832	0.173	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV
Barium, Total	100		mg/kg	0.832	0.145	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV
Beryllium, Total	0.391	J	mg/kg	0.416	0.027	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV
Cadmium, Total	0.807	J	mg/kg	0.832	0.082	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV
Calcium, Total	8280		mg/kg	8.32	2.91	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV
Chromium, Total	32.4		mg/kg	0.832	0.080	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV
Cobalt, Total	14.6		mg/kg	1.66	0.138	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV
Copper, Total	49.7		mg/kg	0.832	0.215	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV
Iron, Total	22500		mg/kg	4.16	0.751	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV
Lead, Total	109		mg/kg	4.16	0.223	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV
Magnesium, Total	7770		mg/kg	8.32	1.28	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV
Manganese, Total	482		mg/kg	0.832	0.132	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV
Mercury, Total	0.112		mg/kg	0.069	0.045	1	06/03/21 10:20	06/06/21 17:16	EPA 7471B	1,7471B	OU
Nickel, Total	37.2		mg/kg	2.08	0.201	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV
Potassium, Total	5280		mg/kg	208	12.0	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV
Selenium, Total	0.408	J	mg/kg	1.66	0.215	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.832	0.235	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV
Sodium, Total	623		mg/kg	166	2.62	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.66	0.262	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV
Vanadium, Total	44.8		mg/kg	0.832	0.169	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV
Zinc, Total	148		mg/kg	4.16	0.244	2	06/03/21 09:20	06/08/21 22:31	EPA 3050B	1,6010D	BV



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-03

Date Collected: 05/25/21 08:15

Client ID: B-6 (8.5-9.0)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT  
CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	16800		mg/kg	7.78	2.10	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	3.89	0.296	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV
Arsenic, Total	0.817		mg/kg	0.778	0.162	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV
Barium, Total	121		mg/kg	0.778	0.135	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV
Beryllium, Total	0.436		mg/kg	0.389	0.026	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV
Cadmium, Total	0.684	J	mg/kg	0.778	0.076	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV
Calcium, Total	837		mg/kg	7.78	2.72	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV
Chromium, Total	29.4		mg/kg	0.778	0.075	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV
Cobalt, Total	18.9		mg/kg	1.56	0.129	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV
Copper, Total	22.4		mg/kg	0.778	0.201	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV
Iron, Total	34700		mg/kg	3.89	0.702	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV
Lead, Total	9.22		mg/kg	3.89	0.208	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV
Magnesium, Total	7110		mg/kg	7.78	1.20	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV
Manganese, Total	212		mg/kg	0.778	0.124	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.065	0.043	1	06/03/21 10:20	06/06/21 17:20	EPA 7471B	1,7471B	OU
Nickel, Total	31.6		mg/kg	1.94	0.188	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV
Potassium, Total	7590		mg/kg	194	11.2	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV
Selenium, Total	0.288	J	mg/kg	1.56	0.201	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.778	0.220	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV
Sodium, Total	131	J	mg/kg	156	2.45	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.56	0.245	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV
Vanadium, Total	39.8		mg/kg	0.778	0.158	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV
Zinc, Total	81.8		mg/kg	3.89	0.228	2	06/03/21 09:20	06/08/21 22:35	EPA 3050B	1,6010D	BV



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-04

Date Collected: 05/25/21 08:30

Client ID: B-7 (3-3.5)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT  
CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 99%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	13100		mg/kg	7.89	2.13	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	3.95	0.300	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV
Arsenic, Total	1.14		mg/kg	0.789	0.164	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV
Barium, Total	114		mg/kg	0.789	0.137	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV
Beryllium, Total	0.371	J	mg/kg	0.395	0.026	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV
Cadmium, Total	0.505	J	mg/kg	0.789	0.077	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV
Calcium, Total	1150		mg/kg	7.89	2.76	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV
Chromium, Total	25.3		mg/kg	0.789	0.076	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV
Cobalt, Total	15.0		mg/kg	1.58	0.131	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV
Copper, Total	38.8		mg/kg	0.789	0.204	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV
Iron, Total	22200		mg/kg	3.95	0.713	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV
Lead, Total	60.0		mg/kg	3.95	0.212	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV
Magnesium, Total	5290		mg/kg	7.89	1.22	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV
Manganese, Total	223		mg/kg	0.789	0.126	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV
Mercury, Total	0.566		mg/kg	0.064	0.042	1	06/03/21 10:20	06/06/21 17:23	EPA 7471B	1,7471B	OU
Nickel, Total	22.5		mg/kg	1.97	0.191	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV
Potassium, Total	8450		mg/kg	197	11.4	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV
Selenium, Total	0.837	J	mg/kg	1.58	0.204	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.789	0.223	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV
Sodium, Total	196		mg/kg	158	2.49	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.58	0.249	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV
Vanadium, Total	36.7		mg/kg	0.789	0.160	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV
Zinc, Total	117		mg/kg	3.95	0.231	2	06/03/21 09:20	06/08/21 22:40	EPA 3050B	1,6010D	BV





**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-05

Date Collected: 05/25/21 08:45

Client ID: B-8 (4-4.5)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	10400		mg/kg	9.61	2.60	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.81	0.365	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV
Arsenic, Total	1.88		mg/kg	0.961	0.200	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV
Barium, Total	134		mg/kg	0.961	0.167	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV
Beryllium, Total	0.288	J	mg/kg	0.481	0.032	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV
Cadmium, Total	0.558	J	mg/kg	0.961	0.094	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV
Calcium, Total	21000		mg/kg	9.61	3.36	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV
Chromium, Total	18.2		mg/kg	0.961	0.092	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV
Cobalt, Total	26.3		mg/kg	1.92	0.160	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV
Copper, Total	39.2		mg/kg	0.961	0.248	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV
Iron, Total	18300		mg/kg	4.81	0.868	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV
Lead, Total	292		mg/kg	4.81	0.258	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV
Magnesium, Total	4850		mg/kg	9.61	1.48	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV
Manganese, Total	345		mg/kg	0.961	0.153	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV
Mercury, Total	1.07		mg/kg	0.079	0.051	1	06/03/21 10:20	06/06/21 17:26	EPA 7471B	1,7471B	OU
Nickel, Total	16.5		mg/kg	2.40	0.233	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV
Potassium, Total	5600		mg/kg	240	13.8	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV
Selenium, Total	0.606	J	mg/kg	1.92	0.248	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.961	0.272	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV
Sodium, Total	231		mg/kg	192	3.03	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.92	0.303	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV
Vanadium, Total	24.5		mg/kg	0.961	0.195	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV
Zinc, Total	139		mg/kg	4.81	0.282	2	06/03/21 09:20	06/08/21 22:45	EPA 3050B	1,6010D	BV



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-06

Date Collected: 05/25/21 08:50

Client ID: B-9 (1-1.5)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT  
CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	28400		mg/kg	8.41	2.27	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.20	0.320	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV
Arsenic, Total	6.03		mg/kg	0.841	0.175	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV
Barium, Total	213		mg/kg	0.841	0.146	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV
Beryllium, Total	0.858		mg/kg	0.420	0.028	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV
Cadmium, Total	1.43		mg/kg	0.841	0.082	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV
Calcium, Total	6510		mg/kg	8.41	2.94	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV
Chromium, Total	57.8		mg/kg	0.841	0.081	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV
Cobalt, Total	26.5		mg/kg	1.68	0.140	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV
Copper, Total	97.7		mg/kg	0.841	0.217	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV
Iron, Total	46400		mg/kg	4.20	0.759	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV
Lead, Total	161		mg/kg	4.20	0.225	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV
Magnesium, Total	10500		mg/kg	8.41	1.30	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV
Manganese, Total	696		mg/kg	0.841	0.134	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV
Mercury, Total	0.293		mg/kg	0.070	0.045	1	06/03/21 10:20	06/06/21 17:30	EPA 7471B	1,7471B	OU
Nickel, Total	62.0		mg/kg	2.10	0.204	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV
Potassium, Total	10500		mg/kg	210	12.1	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV
Selenium, Total	1.11	J	mg/kg	1.68	0.217	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.841	0.238	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV
Sodium, Total	999		mg/kg	168	2.65	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.68	0.265	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV
Vanadium, Total	82.4		mg/kg	0.841	0.171	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV
Zinc, Total	192		mg/kg	4.20	0.246	2	06/03/21 09:20	06/08/21 22:50	EPA 3050B	1,6010D	BV



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-07

Date Collected: 05/25/21 09:00

Client ID: B-10 (2-2.5)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT  
CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	14500		mg/kg	8.29	2.24	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.15	0.315	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV
Arsenic, Total	1.44		mg/kg	0.829	0.172	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV
Barium, Total	243		mg/kg	0.829	0.144	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV
Beryllium, Total	0.348	J	mg/kg	0.415	0.027	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV
Cadmium, Total	0.639	J	mg/kg	0.829	0.081	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV
Calcium, Total	2750		mg/kg	8.29	2.90	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV
Chromium, Total	32.5		mg/kg	0.829	0.080	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV
Cobalt, Total	16.6		mg/kg	1.66	0.138	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV
Copper, Total	54.9		mg/kg	0.829	0.214	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV
Iron, Total	29400		mg/kg	4.15	0.749	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV
Lead, Total	12.3		mg/kg	4.15	0.222	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV
Magnesium, Total	5890		mg/kg	8.29	1.28	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV
Manganese, Total	408		mg/kg	0.829	0.132	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.068	0.044	1	06/03/21 10:20	06/06/21 17:33	EPA 7471B	1,7471B	OU
Nickel, Total	23.8		mg/kg	2.07	0.201	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV
Potassium, Total	9060		mg/kg	207	11.9	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV
Selenium, Total	0.489	J	mg/kg	1.66	0.214	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.829	0.235	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV
Sodium, Total	170		mg/kg	166	2.61	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.66	0.261	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV
Vanadium, Total	46.7		mg/kg	0.829	0.168	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV
Zinc, Total	72.4		mg/kg	4.15	0.243	2	06/03/21 09:20	06/08/21 22:54	EPA 3050B	1,6010D	BV



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-08

Date Collected: 05/25/21 09:30

Client ID: SOIL (0-6")

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT  
CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	20400		mg/kg	9.04	2.44	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.52	0.344	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV
Arsenic, Total	3.32		mg/kg	0.904	0.188	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV
Barium, Total	164		mg/kg	0.904	0.157	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV
Beryllium, Total	0.940		mg/kg	0.452	0.030	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV
Cadmium, Total	1.10		mg/kg	0.904	0.089	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV
Calcium, Total	9220		mg/kg	9.04	3.16	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV
Chromium, Total	34.9		mg/kg	0.904	0.087	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV
Cobalt, Total	18.8		mg/kg	1.81	0.150	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV
Copper, Total	72.6		mg/kg	0.904	0.233	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV
Iron, Total	34200		mg/kg	4.52	0.816	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV
Lead, Total	148		mg/kg	4.52	0.242	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV
Magnesium, Total	11300		mg/kg	9.04	1.39	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV
Manganese, Total	519		mg/kg	0.904	0.144	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV
Mercury, Total	0.694		mg/kg	0.073	0.048	1	06/03/21 10:20	06/06/21 17:36	EPA 7471B	1,7471B	OU
Nickel, Total	38.6		mg/kg	2.26	0.219	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV
Potassium, Total	7260		mg/kg	226	13.0	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV
Selenium, Total	0.832	J	mg/kg	1.81	0.233	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.904	0.256	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV
Sodium, Total	342		mg/kg	181	2.85	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.81	0.285	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV
Vanadium, Total	44.6		mg/kg	0.904	0.184	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV
Zinc, Total	237		mg/kg	4.52	0.265	2	06/03/21 09:20	06/08/21 23:27	EPA 3050B	1,6010D	BV



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-09

Date Collected: 05/25/21 09:45

Client ID: SOIL (6-12")

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT  
CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	5650		mg/kg	9.02	2.43	2	06/03/21 09:20	06/08/21 23:32	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.51	0.343	2	06/03/21 09:20	06/08/21 23:32	EPA 3050B	1,6010D	BV
Arsenic, Total	1.43		mg/kg	0.902	0.188	2	06/03/21 09:20	06/08/21 23:32	EPA 3050B	1,6010D	BV
Barium, Total	40.7		mg/kg	0.902	0.157	2	06/03/21 09:20	06/08/21 23:32	EPA 3050B	1,6010D	BV
Beryllium, Total	0.298	J	mg/kg	0.451	0.030	2	06/03/21 09:20	06/08/21 23:32	EPA 3050B	1,6010D	BV
Cadmium, Total	0.334	J	mg/kg	0.902	0.088	2	06/03/21 09:20	06/08/21 23:32	EPA 3050B	1,6010D	BV
Calcium, Total	14800		mg/kg	9.02	3.16	2	06/03/21 09:20	06/08/21 23:32	EPA 3050B	1,6010D	BV
Chromium, Total	16.3		mg/kg	0.935	0.090	2	06/09/21 22:55	06/10/21 10:42	EPA 3050B	1,6010D	GD
Cobalt, Total	4.41		mg/kg	1.80	0.150	2	06/03/21 09:20	06/08/21 23:32	EPA 3050B	1,6010D	BV
Copper, Total	28.5		mg/kg	0.902	0.233	2	06/03/21 09:20	06/08/21 23:32	EPA 3050B	1,6010D	BV
Iron, Total	8380		mg/kg	4.51	0.814	2	06/03/21 09:20	06/08/21 23:32	EPA 3050B	1,6010D	BV
Lead, Total	29.8		mg/kg	4.51	0.242	2	06/03/21 09:20	06/08/21 23:32	EPA 3050B	1,6010D	BV
Magnesium, Total	1780		mg/kg	9.02	1.39	2	06/03/21 09:20	06/08/21 23:32	EPA 3050B	1,6010D	BV
Manganese, Total	120		mg/kg	0.902	0.143	2	06/03/21 09:20	06/08/21 23:32	EPA 3050B	1,6010D	BV
Mercury, Total	0.514		mg/kg	0.076	0.050	1	06/03/21 10:20	06/06/21 17:39	EPA 7471B	1,7471B	OU
Nickel, Total	10.0		mg/kg	2.25	0.218	2	06/03/21 09:20	06/08/21 23:32	EPA 3050B	1,6010D	BV
Potassium, Total	2050		mg/kg	225	13.0	2	06/03/21 09:20	06/08/21 23:32	EPA 3050B	1,6010D	BV
Selenium, Total	0.252	J	mg/kg	1.80	0.233	2	06/03/21 09:20	06/08/21 23:32	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.902	0.255	2	06/03/21 09:20	06/08/21 23:32	EPA 3050B	1,6010D	BV
Sodium, Total	109	J	mg/kg	180	2.84	2	06/03/21 09:20	06/08/21 23:32	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.80	0.284	2	06/03/21 09:20	06/08/21 23:32	EPA 3050B	1,6010D	BV
Vanadium, Total	10.4		mg/kg	0.902	0.183	2	06/03/21 09:20	06/08/21 23:32	EPA 3050B	1,6010D	BV
Zinc, Total	53.4		mg/kg	4.51	0.264	2	06/03/21 09:20	06/08/21 23:32	EPA 3050B	1,6010D	BV



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-10

Date Collected: 05/25/21 13:45

Client ID: TW-1

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT  
CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	9.00		mg/l	0.0100	0.00327	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00166		mg/l	0.00050	0.00016	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD
Barium, Total	0.2999		mg/l	0.00050	0.00017	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD
Beryllium, Total	0.00047	J	mg/l	0.00050	0.00010	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD
Cadmium, Total	0.00023		mg/l	0.00020	0.00005	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD
Calcium, Total	155.		mg/l	0.100	0.0394	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD
Chromium, Total	0.03041		mg/l	0.00100	0.00017	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD
Cobalt, Total	0.01886		mg/l	0.00050	0.00016	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD
Copper, Total	0.1164		mg/l	0.00100	0.00038	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD
Iron, Total	25.7		mg/l	0.0500	0.0191	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD
Lead, Total	0.1102		mg/l	0.00100	0.00034	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD
Magnesium, Total	52.5		mg/l	0.0700	0.0242	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD
Manganese, Total	3.553		mg/l	0.00100	0.00044	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/27/21 14:15	06/04/21 20:12	EPA 7470A	1,7470A	NB
Nickel, Total	0.03289		mg/l	0.00200	0.00055	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD
Potassium, Total	16.0		mg/l	0.100	0.0309	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD
Selenium, Total	0.00479	J	mg/l	0.00500	0.00173	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD
Silver, Total	0.00095		mg/l	0.00040	0.00016	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD
Sodium, Total	95.4		mg/l	0.100	0.0293	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD
Thallium, Total	0.00018	J	mg/l	0.00100	0.00014	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD
Vanadium, Total	0.02085		mg/l	0.00500	0.00157	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD
Zinc, Total	0.08681		mg/l	0.01000	0.00341	1	05/27/21 13:18	06/08/21 11:13	EPA 3005A	1,6020B	CD



Project Name: PHASE II INVESTIGATION

Lab Number: L2127741

Project Number: 11895

Report Date: 06/10/21

## SAMPLE RESULTS

Lab ID: L2127741-11

Date Collected: 05/25/21 14:00

Client ID: TW-2

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	2.52		mg/l	0.0100	0.00327	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00196		mg/l	0.00050	0.00016	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD
Barium, Total	0.1720		mg/l	0.00050	0.00017	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD
Beryllium, Total	0.00033	J	mg/l	0.00050	0.00010	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD
Calcium, Total	114.		mg/l	0.100	0.0394	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD
Chromium, Total	0.00342		mg/l	0.00100	0.00017	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00625		mg/l	0.00050	0.00016	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD
Copper, Total	0.05999		mg/l	0.00100	0.00038	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD
Iron, Total	6.27		mg/l	0.0500	0.0191	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD
Lead, Total	0.04058		mg/l	0.00100	0.00034	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD
Magnesium, Total	41.8		mg/l	0.0700	0.0242	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD
Manganese, Total	1.510		mg/l	0.00100	0.00044	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/27/21 14:15	06/04/21 20:16	EPA 7470A	1,7470A	NB
Nickel, Total	0.02150		mg/l	0.00200	0.00055	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD
Potassium, Total	14.1		mg/l	0.100	0.0309	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD
Silver, Total	0.00050		mg/l	0.00040	0.00016	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD
Sodium, Total	193.		mg/l	0.100	0.0293	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD
Vanadium, Total	0.00390	J	mg/l	0.00500	0.00157	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD
Zinc, Total	0.02891		mg/l	0.01000	0.00341	1	05/27/21 13:18	06/08/21 11:18	EPA 3005A	1,6020B	CD



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

## Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 10-11 Batch: WG1504437-1										
Aluminum, Total	0.00332	J	mg/l	0.0100	0.00327	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD
Calcium, Total	ND		mg/l	0.100	0.0394	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD
Sodium, Total	ND		mg/l	0.100	0.0293	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/27/21 13:18	06/03/21 11:00	1,6020B	CD

### Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 10-11 Batch: WG1504440-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/27/21 14:15	06/03/21 09:38	1,7470A	OU





**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

## Method Blank Analysis Batch Quality Control

### Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-09 Batch: WG1506670-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Barium, Total	ND		mg/kg	0.400	0.070	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Calcium, Total	1.48	J	mg/kg	4.00	1.40	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Chromium, Total	1.02		mg/kg	0.400	0.038	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Copper, Total	ND		mg/kg	0.400	0.103	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Iron, Total	4.85		mg/kg	2.00	0.361	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Lead, Total	ND		mg/kg	2.00	0.107	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Manganese, Total	0.336	J	mg/kg	0.400	0.064	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Nickel, Total	0.380	J	mg/kg	1.00	0.097	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Potassium, Total	ND		mg/kg	100	5.76	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Silver, Total	ND		mg/kg	0.400	0.113	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/03/21 09:20	06/08/21 21:17	1,6010D	BV

### Prep Information

Digestion Method: EPA 3050B



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

## Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-09 Batch: WG1506677-1									
Mercury, Total	ND	mg/kg	0.083	0.054	1	06/03/21 10:20	06/06/21 16:20	1,7471B	OU

### Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 09 Batch: WG1509989-1									
Chromium, Total	ND	mg/kg	0.400	0.038	1	06/09/21 22:55	06/10/21 10:19	1,6010D	GD

### Prep Information

Digestion Method: EPA 3050B

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PHASE II INVESTIGATION

**Lab Number:** L2127741

**Project Number:** 11895

**Report Date:** 06/10/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 10-11 Batch: WG1504437-2								
Aluminum, Total	106		-		80-120	-		
Antimony, Total	96		-		80-120	-		
Arsenic, Total	106		-		80-120	-		
Barium, Total	104		-		80-120	-		
Beryllium, Total	107		-		80-120	-		
Cadmium, Total	108		-		80-120	-		
Calcium, Total	107		-		80-120	-		
Chromium, Total	105		-		80-120	-		
Cobalt, Total	106		-		80-120	-		
Copper, Total	107		-		80-120	-		
Iron, Total	105		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	109		-		80-120	-		
Manganese, Total	103		-		80-120	-		
Nickel, Total	103		-		80-120	-		
Potassium, Total	106		-		80-120	-		
Selenium, Total	104		-		80-120	-		
Silver, Total	108		-		80-120	-		
Sodium, Total	110		-		80-120	-		
Thallium, Total	101		-		80-120	-		
Vanadium, Total	104		-		80-120	-		

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** PHASE II INVESTIGATION

**Project Number:** 11895

**Lab Number:** L2127741

**Report Date:** 06/10/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 10-11 Batch: WG1504437-2					
Zinc, Total	114	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 10-11 Batch: WG1504440-2					
Mercury, Total	116	-	80-120	-	

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 Batch: WG1506670-2 SRM Lot Number: D109-540					
Aluminum, Total	60	-	50-150	-	
Antimony, Total	122	-	19-250	-	
Arsenic, Total	90	-	70-130	-	
Barium, Total	83	-	75-125	-	
Beryllium, Total	98	-	75-125	-	
Cadmium, Total	101	-	75-125	-	
Calcium, Total	87	-	73-128	-	
Chromium, Total	93	-	70-130	-	
Cobalt, Total	100	-	75-125	-	
Copper, Total	85	-	75-125	-	
Iron, Total	75	-	35-165	-	
Lead, Total	84	-	72-128	-	
Magnesium, Total	82	-	62-138	-	
Manganese, Total	89	-	74-126	-	
Nickel, Total	100	-	70-130	-	
Potassium, Total	78	-	59-141	-	
Selenium, Total	94	-	68-132	-	
Silver, Total	83	-	68-131	-	
Sodium, Total	75	-	35-165	-	
Thallium, Total	91	-	68-131	-	
Vanadium, Total	84	-	59-141	-	

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** PHASE II INVESTIGATION

**Project Number:** 11895

**Lab Number:** L2127741

**Report Date:** 06/10/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 Batch: WG1506670-2 SRM Lot Number: D109-540					
Zinc, Total	90	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-09 Batch: WG1506677-2 SRM Lot Number: D109-540					
Mercury, Total	96	-	60-140	-	
Total Metals - Mansfield Lab Associated sample(s): 09 Batch: WG1509989-2 SRM Lot Number: D109-540					
Chromium, Total	94	-	70-130	-	

### Matrix Spike Analysis Batch Quality Control

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 10-11    QC Batch ID: WG1504437-3    QC Sample: L2126877-01    Client ID: MS Sample												
Aluminum, Total	1.36	2	3.63	114		-	-		75-125	-		20
Antimony, Total	0.00056J	0.5	0.4806	96		-	-		75-125	-		20
Arsenic, Total	0.04788	0.12	0.1804	110		-	-		75-125	-		20
Barium, Total	11.70	2	14.76	153	Q	-	-		75-125	-		20
Beryllium, Total	0.00026J	0.05	0.05232	105		-	-		75-125	-		20
Cadmium, Total	0.00014J	0.051	0.05091	100		-	-		75-125	-		20
Calcium, Total	220.	10	253	330	Q	-	-		75-125	-		20
Chromium, Total	0.01117	0.2	0.2086	99		-	-		75-125	-		20
Cobalt, Total	0.00522	0.5	0.5008	99		-	-		75-125	-		20
Copper, Total	0.01193	0.25	0.2617	100		-	-		75-125	-		20
Iron, Total	277.	1	285	800	Q	-	-		75-125	-		20
Lead, Total	0.01498	0.51	0.5359	102		-	-		75-125	-		20
Magnesium, Total	87.8	10	106	182	Q	-	-		75-125	-		20
Manganese, Total	1.342	0.5	1.923	116		-	-		75-125	-		20
Nickel, Total	0.04485	0.5	0.5208	95		-	-		75-125	-		20
Potassium, Total	45.2	10	59.2	140	Q	-	-		75-125	-		20
Selenium, Total	ND	0.12	0.124	103		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05032	101		-	-		75-125	-		20
Sodium, Total	413.	10	455	420	Q	-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1226	102		-	-		75-125	-		20
Vanadium, Total	0.00639	0.5	0.5033	99		-	-		75-125	-		20

**Matrix Spike Analysis**  
Batch Quality Control

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 10-11			QC Batch ID: WG1504437-3		QC Sample: L2126877-01		Client ID: MS Sample		
Zinc, Total	0.02609	0.5	0.5592	107	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 10-11			QC Batch ID: WG1504440-3		QC Sample: L2126877-01		Client ID: MS Sample		
Mercury, Total	ND	0.005	0.00542	108	-	-	75-125	-	20



### Matrix Spike Analysis Batch Quality Control

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits		
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1506670-3 WG1506670-4 QC Sample: L2127633-04 Client ID: MS Sample											
Aluminum, Total	11000	175	11500	286	Q	11700	383	Q	75-125	2	20
Antimony, Total	ND	43.8	21.8	50	Q	20.6	45	Q	75-125	6	20
Arsenic, Total	4.40	10.5	14.2	93		14.0	88		75-125	1	20
Barium, Total	102	175	247	83		259	86		75-125	5	20
Beryllium, Total	0.649	4.38	4.48	88		4.46	83		75-125	0	20
Cadmium, Total	0.585J	4.46	4.35	97		4.29	92		75-125	1	20
Calcium, Total	26600	875	33800	822	Q	29000	263	Q	75-125	15	20
Chromium, Total	16.4	17.5	36.3	114		34.0	96		75-125	7	20
Cobalt, Total	8.05	43.8	44.2	83		43.4	77		75-125	2	20
Copper, Total	15.0	21.9	35.1	92		34.8	87		75-125	1	20
Iron, Total	19900	87.5	20500	685	Q	19900	0	Q	75-125	3	20
Lead, Total	17.0	44.6	52.8	80		51.3	74	Q	75-125	3	20
Magnesium, Total	8590	875	10100	172	Q	10400	198	Q	75-125	3	20
Manganese, Total	478	43.8	600	279	Q	490	26	Q	75-125	20	20
Nickel, Total	18.5	43.8	53.6	80		53.6	77		75-125	0	20
Potassium, Total	928	875	1830	103		1880	104		75-125	3	20
Selenium, Total	0.759J	10.5	9.26	88		8.79	80		75-125	5	20
Silver, Total	ND	26.2	4.04	15	Q	4.01	15	Q	75-125	1	20
Sodium, Total	145J	875	944	108		942	103		75-125	0	20
Thallium, Total	ND	10.5	7.46	71	Q	7.40	68	Q	75-125	1	20
Vanadium, Total	23.0	43.8	62.3	90		60.8	83		75-125	2	20

**Matrix Spike Analysis**  
Batch Quality Control

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits		
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1506670-3 WG1506670-4 QC Sample: L2127633-04 Client ID: MS Sample											
Zinc, Total	69.2	43.8	109	91	111	92	75-125	2	20		
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1506677-3 WG1506677-4 QC Sample: L2127633-04 Client ID: MS Sample											
Mercury, Total	ND	0.146	0.188	128	Q	0.199	136	Q	80-120	6	20
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1509989-3 QC Sample: L2127741-09 Client ID: SOIL (6-12")											
Chromium, Total	16.3	18.3	29.9	74	Q	-	-	75-125	-	20	

## Lab Duplicate Analysis

*Batch Quality Control*

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 10-11 QC Batch ID: WG1504437-4 QC Sample: L2126877-01 Client ID: DUP Sample						
Aluminum, Total	1.36	1.82	mg/l	29	Q	20
Antimony, Total	0.00056J	0.00061J	mg/l	NC		20
Arsenic, Total	0.04788	0.05165	mg/l	8		20
Beryllium, Total	0.00026J	0.00028J	mg/l	NC		20
Cadmium, Total	0.00014J	0.00015J	mg/l	NC		20
Calcium, Total	220.	239	mg/l	8		20
Chromium, Total	0.01117	0.01369	mg/l	20		20
Cobalt, Total	0.00522	0.00568	mg/l	8		20
Copper, Total	0.01193	0.01335	mg/l	11		20
Iron, Total	277.	296	mg/l	7		20
Lead, Total	0.01498	0.01649	mg/l	10		20
Magnesium, Total	87.8	94.8	mg/l	8		20
Manganese, Total	1.342	1.434	mg/l	7		20
Nickel, Total	0.04485	0.04884	mg/l	9		20
Potassium, Total	45.2	49.1	mg/l	8		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	413.	444	mg/l	7		20
Thallium, Total	ND	ND	mg/l	NC		20

## Lab Duplicate Analysis

*Batch Quality Control*

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
<b>Total Metals - Mansfield Lab Associated sample(s): 10-11 QC Batch ID: WG1504437-4 QC Sample: L2126877-01 Client ID: DUP Sample</b>					
Vanadium, Total	0.00639	0.00756	mg/l	17	20
Zinc, Total	0.02609	0.03141	mg/l	19	20
<b>Total Metals - Mansfield Lab Associated sample(s): 10-11 QC Batch ID: WG1504437-4 QC Sample: L2126877-01 Client ID: DUP Sample</b>					
Barium, Total	11.70	12.24	mg/l	5	20
<b>Total Metals - Mansfield Lab Associated sample(s): 10-11 QC Batch ID: WG1504440-4 QC Sample: L2126877-01 Client ID: DUP Sample</b>					
Mercury, Total	ND	ND	mg/l	NC	20
<b>Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1509989-4 QC Sample: L2127741-09 Client ID: SOIL (6-12")</b>					
Chromium, Total	16.3	16.0	mg/kg	2	20

# **INORGANICS & MISCELLANEOUS**

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-01  
**Client ID:** B-5 (1-1.15)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 07:30  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	87.0		%	0.100	NA	1	-	05/27/21 09:51	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/03/21 17:25	06/04/21 14:33	1,9010C/9012B	CR



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-02 Date Collected: 05/25/21 08:00  
 Client ID: B-6 (1.5-2.0) Date Received: 05/25/21  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	92.4		%	0.100	NA	1	-	05/27/21 09:51	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/03/21 17:25	06/04/21 14:34	1,9010C/9012B	CR



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-03

Date Collected: 05/25/21 08:15

Client ID: B-6 (8.5-9.0)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	97.4		%	0.100	NA	1	-	05/27/21 09:51	121,2540G	RI
Cyanide, Total	ND		mg/kg	0.96	0.20	1	06/03/21 17:25	06/04/21 14:35	1,9010C/9012B	CR





**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-04  
**Client ID:** B-7 (3-3.5)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 08:30  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	98.9		%	0.100	NA	1	-	05/27/21 09:51	121,2540G	RI
Cyanide, Total	ND		mg/kg	0.93	0.20	1	06/03/21 17:25	06/04/21 14:36	1,9010C/9012B	CR



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-05  
**Client ID:** B-8 (4-4.5)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 08:45  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	79.9		%	0.100	NA	1	-	05/27/21 09:51	121,2540G	RI
Cyanide, Total	0.29	J	mg/kg	1.2	0.25	1	06/03/21 17:25	06/04/21 14:37	1,9010C/9012B	CR



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-06  
**Client ID:** B-9 (1-1.5)  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 08:50  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	90.9		%	0.100	NA	1	-	05/27/21 09:51	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	06/03/21 17:25	06/04/21 14:38	1,9010C/9012B	CR



**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**SAMPLE RESULTS**

Lab ID: L2127741-07

Date Collected: 05/25/21 09:00

Client ID: B-10 (2-2.5)

Date Received: 05/25/21

Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	93.1		%	0.100	NA	1	-	05/27/21 09:51	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/03/21 17:25	06/04/21 14:39	1,9010C/9012B	CR



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-08  
**Client ID:** SOIL (0-6")  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 09:30  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	85.6		%	0.100	NA	1	-	05/27/21 09:51	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.24	1	06/03/21 20:20	06/04/21 10:26	1,9010C/9012B	CR



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

Lab ID: L2127741-09 Date Collected: 05/25/21 09:45  
 Client ID: SOIL (6-12") Date Received: 05/25/21  
 Sample Location: 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	83.5		%	0.100	NA	1	-	05/27/21 09:51	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/03/21 20:20	06/04/21 10:27	1,9010C/9012B	CR



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-10  
**Client ID:** TW-1  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 13:45  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/03/21 23:10	06/04/21 11:34	1,9010C/9012B	CR



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**SAMPLE RESULTS**

**Lab ID:** L2127741-11  
**Client ID:** TW-2  
**Sample Location:** 140, 148-150 WESTCHESTER AVE, PORT CHESTER, NY

**Date Collected:** 05/25/21 14:00  
**Date Received:** 05/25/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/03/21 23:10	06/04/21 11:35	1,9010C/9012B	CR





**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Method Blank Analysis**  
**Batch Quality Control**

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG1507314-1									
Cyanide, Total	ND	mg/kg	0.98	0.21	1	06/03/21 17:25	06/04/21 14:17	1,9010C/9012B	CR
General Chemistry - Westborough Lab for sample(s): 04-07 Batch: WG1507317-1									
Cyanide, Total	ND	mg/kg	0.98	0.21	1	06/03/21 17:25	06/04/21 14:17	1,9010C/9012B	CR
General Chemistry - Westborough Lab for sample(s): 08-09 Batch: WG1507364-1									
Cyanide, Total	ND	mg/kg	0.89	0.19	1	06/03/21 20:20	06/04/21 10:20	1,9010C/9012B	CR
General Chemistry - Westborough Lab for sample(s): 10-11 Batch: WG1507387-1									
Cyanide, Total	ND	mg/l	0.005	0.001	1	06/03/21 23:10	06/04/21 11:17	1,9010C/9012B	CR

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: PHASE II INVESTIGATION

Project Number: 11895

Lab Number: L2127741

Report Date: 06/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG1507314-2 WG1507314-3								
Cyanide, Total	66	Q	78	Q	80-120	16		35
General Chemistry - Westborough Lab Associated sample(s): 04-07 Batch: WG1507317-2 WG1507317-3								
Cyanide, Total	66	Q	78	Q	80-120	16		35
General Chemistry - Westborough Lab Associated sample(s): 08-09 Batch: WG1507364-2 WG1507364-3								
Cyanide, Total	75	Q	88		80-120	7		35
General Chemistry - Westborough Lab Associated sample(s): 10-11 Batch: WG1507387-2 WG1507387-3								
Cyanide, Total	110		105		85-115	5		20

**Matrix Spike Analysis**  
Batch Quality Control

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1507314-4 WG1507314-5 QC Sample: L2127517-04 Client ID: MS Sample												
Cyanide, Total	ND	9.9	9.3	94		9.3	94		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 04-07 QC Batch ID: WG1507317-4 WG1507317-5 QC Sample: L2127241-03 Client ID: MS Sample												
Cyanide, Total	ND	12	12	97		12	99		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 08-09 QC Batch ID: WG1507364-4 WG1507364-5 QC Sample: L2127789-04 Client ID: MS Sample												
Cyanide, Total	ND	10	10	96		8.8	90		75-125	13		35
General Chemistry - Westborough Lab Associated sample(s): 10-11 QC Batch ID: WG1507387-4 WG1507387-5 QC Sample: L2127430-01 Client ID: MS Sample												
Cyanide, Total	0.002J	0.2	0.181	90		0.194	97		80-120	7		20

**Lab Duplicate Analysis**  
*Batch Quality Control*

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

<b>Parameter</b>	<b>Native Sample</b>	<b>Duplicate Sample</b>	<b>Units</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1504352-1 QC Sample: L2127840-06 Client ID: DUP Sample						
Solids, Total	91.9	90.4	%	2		20

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

**Cooler Information**

Cooler	Custody Seal
A	Absent
B	Absent

**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2127741-01A	5 gram Encore Sampler	B	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L2127741-01B	5 gram Encore Sampler	B	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L2127741-01C	5 gram Encore Sampler	B	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L2127741-01D	Plastic 2oz unpreserved for TS	B	NA		4.9	Y	Absent		TS(7)
L2127741-01E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2127741-01F	Glass 250ml/8oz unpreserved	B	NA		4.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2127741-01X	Vial MeOH preserved split	B	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L2127741-01Y	Vial Water preserved split	B	NA		4.9	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127741-01Z	Vial Water preserved split	B	NA		4.9	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127741-02A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-02B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-02C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-02D	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2127741-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2127741-02F	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2127741-02X	Vial MeOH preserved split	B	NA		4.9	Y	Absent		NYTCL-8260HLW(14)

**Project Name:** PHASE II INVESTIGATION**Lab Number:** L2127741**Project Number:** 11895**Report Date:** 06/10/21**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2127741-02Y	Vial Water preserved split	B	NA		4.9	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127741-02Z	Vial Water preserved split	B	NA		4.9	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127741-03A	5 gram Encore Sampler	B	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L2127741-03B	5 gram Encore Sampler	B	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L2127741-03C	5 gram Encore Sampler	B	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L2127741-03D	Plastic 2oz unpreserved for TS	B	NA		4.9	Y	Absent		TS(7)
L2127741-03E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2127741-03F	Glass 250ml/8oz unpreserved	B	NA		4.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2127741-03X	Vial MeOH preserved split	B	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L2127741-03Y	Vial Water preserved split	B	NA		4.9	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127741-03Z	Vial Water preserved split	B	NA		4.9	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127741-04A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-04B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-04C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-04D	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2127741-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2127741-04F	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2127741-04X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-04Y	Vial Water preserved split	A	NA		4.8	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127741-04Z	Vial Water preserved split	A	NA		4.8	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127741-05A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-05B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-05C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)

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**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2127741-05D	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2127741-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2127741-05F	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2127741-05X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-05Y	Vial Water preserved split	A	NA		4.8	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127741-05Z	Vial Water preserved split	A	NA		4.8	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127741-06A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-06B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-06C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-06D	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2127741-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2127741-06F	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2127741-06X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-06Y	Vial Water preserved split	A	NA		4.8	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127741-06Z	Vial Water preserved split	A	NA		4.8	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127741-07A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-07B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-07C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-07D	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2127741-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

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**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2127741-07F	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2127741-07X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-07Y	Vial Water preserved split	A	NA		4.8	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127741-07Z	Vial Water preserved split	A	NA		4.8	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127741-08A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-08B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-08C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-08D	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2127741-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2127741-08F	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2127741-08X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-08Y	Vial Water preserved split	A	NA		4.8	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127741-08Z	Vial Water preserved split	A	NA		4.8	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127741-09A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-09B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-09C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-09D	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2127741-09E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2127741-09F	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2127741-09X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2127741-09Y	Vial Water preserved split	A	NA		4.8	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)
L2127741-09Z	Vial Water preserved split	A	NA		4.8	Y	Absent	27-MAY-21 03:53	NYTCL-8260HLW(14)



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<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2127741-10A	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L2127741-10B	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L2127741-10C	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L2127741-10D	Plastic 250ml HNO3 preserved	A	<2	<2	4.8	Y	Absent		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2127741-10E	Amber 120ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8082-LVI(365)
L2127741-10F	Amber 120ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8082-LVI(365)
L2127741-10G	Amber 120ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8081(7)
L2127741-10H	Amber 120ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8081(7)
L2127741-10I	Plastic 250ml unpreserved	A	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2127741-10J	Plastic 250ml unpreserved	A	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2127741-10K	Amber 250ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2127741-10L	Amber 250ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2127741-10M	Plastic 250ml NaOH preserved	A	>12	>12	4.8	Y	Absent		TCN-9010(14)
L2127741-10N	Amber 250ml unpreserved	A	7	7	4.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2127741-10O	Amber 250ml unpreserved	A	7	7	4.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2127741-11A	Vial HCl preserved	B	NA		4.9	Y	Absent		NYTCL-8260(14)
L2127741-11B	Vial HCl preserved	B	NA		4.9	Y	Absent		NYTCL-8260(14)
L2127741-11C	Vial HCl preserved	B	NA		4.9	Y	Absent		NYTCL-8260(14)
L2127741-11D	Plastic 250ml HNO3 preserved	B	<2	<2	4.9	Y	Absent		SE-6020T(180),FE-6020T(180),TL-6020T(180),BA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),CA-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),AL-6020T(180),CO-6020T(180)
L2127741-11E	Amber 120ml unpreserved	B	7	7	4.9	Y	Absent		NYTCL-8082-LVI(365)

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**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2127741-11F	Amber 120ml unpreserved	B	7	7	4.9	Y	Absent		NYTCL-8082-LVI(365)
L2127741-11G	Amber 120ml unpreserved	B	7	7	4.9	Y	Absent		NYTCL-8081(7)
L2127741-11H	Amber 120ml unpreserved	B	7	7	4.9	Y	Absent		NYTCL-8081(7)
L2127741-11I	Plastic 250ml unpreserved	B	NA		4.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2127741-11J	Plastic 250ml unpreserved	B	NA		4.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2127741-11K	Amber 250ml unpreserved	B	7	7	4.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2127741-11L	Amber 250ml unpreserved	B	7	7	4.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2127741-11M	Plastic 250ml NaOH preserved	B	>12	>12	4.9	Y	Absent		TCN-9010(14)
L2127741-11N	Amber 250ml unpreserved	B	7	7	4.9	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2127741-11O	Amber 250ml unpreserved	B	7	7	4.9	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2127741-12A	Plastic 250ml unpreserved	B	NA		4.9	Y	Absent		A2-NY-537-ISOTOPE(14)

## PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
<b>PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)</b>		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
<b>PERFLUOROALKYL SULFONIC ACIDS (PFSAs)</b>		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
<b>FLUOROTELOMERS</b>		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
<b>PERFLUOROALKANE SULFONAMIDES (FASAs)</b>		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
<b>PERFLUOROALKANE SULFONYL SUBSTANCES</b>		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
<b>PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS</b>		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
<b>CHLORO-PERFLUOROALKYL SULFONIC ACIDS</b>		
11-Chloroeicosafuoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
<b>PERFLUOROETHER SULFONIC ACIDS (PFESAs)</b>		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEEESA	113507-82-7
<b>PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)</b>		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

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## GLOSSARY

### Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)  Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



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#### Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

#### Terms

**Analytical Method:** Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

**Difference:** With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

**Final pH:** As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

**Frozen Date/Time:** With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

**Initial pH:** As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

**PAH Total:** With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

**PFAS Total:** With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

**Total:** With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

#### Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

**Data Qualifiers**

- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

**Project Name:** PHASE II INVESTIGATION  
**Project Number:** 11895

**Lab Number:** L2127741  
**Report Date:** 06/10/21

## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



## Certification Information

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The following analytes are not included in our Primary NELAP Scope of Accreditation:

### Westborough Facility

**EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene

**EPA 625/625.1:** alpha-Terpineol

**EPA 8260C/8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

**EPA 8270D/8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.

### Mansfield Facility

**SM 2540D:** TSS

**EPA 8082A:** NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

**Biological Tissue Matrix:** EPA 3050B

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The following analytes are included in our Massachusetts DEP Scope of Accreditation

### Westborough Facility:

#### Drinking Water

**EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

**EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**

**EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

#### Non-Potable Water

**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

**SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

**EPA 624.1:** Volatile Halocarbons & Aromatics,

**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

### Mansfield Facility:

#### Drinking Water

**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

**EPA 522, EPA 537.1.**

#### Non-Potable Water

**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.


**EPA 245.1 Hg.**

**SM2340B**

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For a complete listing of analytes and methods, please contact your Alpha Project Manager.



 <b>NEW YORK CHAIN OF CUSTODY</b> Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	<b>NEW YORK CHAIN OF CUSTODY</b> Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	<b>Service Centers</b> Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1 of 2	Date Rec'd in Lab <b>5/25/21</b>	ALPHA Job # <b>62127741</b>		
		<b>Project Information</b> Project Name: <b>Phase II Investigation</b> Project Location: <b>40, 148-150 Westchester Ave, Port Chester, NY</b> Project # <b>11895, phase 2</b> (Use Project name as Project #) <input type="checkbox"/>		<b>Deliverables</b> <input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input checked="" type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		<b>Billing Information</b> <input type="checkbox"/> Same as Client Info PO #	
<b>Client Information</b> Client: <b>SESI CONSULTING</b> Address: <b>12A MAPLE AVE PINEBROOK, NJ</b> Phone: <b>973-808-9050</b> Fax: Email: <b>Patricia.Petrino@sesi.org</b>		<b>Project Manager:</b> <b>Patricia Petrino</b> ALPHAQuote #:		<b>Regulatory Requirement</b> <input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input checked="" type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		<b>Disposal Site Information</b> Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
<b>Turn-Around Time</b> Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		These samples have been previously analyzed by Alpha <input type="checkbox"/>		<b>ANALYSIS</b>		<b>Sample Filtration</b> <input type="checkbox"/> Done <input type="checkbox"/> Lab to do <b>Preservation</b> <input type="checkbox"/> Lab to do (Please Specify below)	
Other project specific requirements/comments:		Please specify Metals or TAL.		TAL T(L+30) PFAS (537)		Total Bottles	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date      Time		Sample Matrix	Sampler's Initials		
27741rg1	B-5 (1-1.5)	05/25/2021	0730	S	DA	X	
	B-6 (1.5-2.0)		0800				
	B-6 (8.5-9.0)		0815				
	B-7 (3-3.5)		0830				
	B-8 (4-4.5)		0845				
	B-9 (1-1.5)		0850				
	B-10 (2-2.5)		0900				
	SOIL (0-6")		0930				
	SOIL (6-12")		0945				
	TW-1		1345	GW		X	X
Preservative Code: A = None B = HCl C = HNO <sub>3</sub> D = H <sub>2</sub> SO <sub>4</sub> E = NaOH F = MeOH G = NaHSO <sub>4</sub> H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative	
Relinquished By: <i>[Signature]</i>		Date/Time: <b>05/25/2021 15:00</b>		Received By: <i>[Signature]</i>		Date/Time: <b>5/25/21 15:00</b>	
Relinquished By: <i>[Signature]</i>		Date/Time: <b>5/25/21 15:48</b>		Received By: <i>[Signature]</i>		Date/Time: <b>5/25/21 16:00</b>	
Relinquished By: <i>[Signature]</i>		Date/Time: <b>5/25/21 2148</b>		Received By: <i>[Signature]</i>		Date/Time: <b>5/25/21 2148</b>	

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)



**NEW YORK  
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CUSTODY**

Westborough, MA 01581  
8 Walkup Dr.  
TEL: 508-898-9220  
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Mansfield, MA 02048  
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FAX: 508-822-3288

**Service Centers**  
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5  
Albany, NY 12205: 14 Walker Way  
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page  
**2 of 2**

Date Rec'd  
in Lab **5/25/21**

ALPHA Job #  
**L2127M1**

<b>Project Information</b>		<b>Deliverables</b>		<b>Billing Information</b>	
Project Name: <b>Phase II Investigation</b>		<input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQulS (1 File) <input checked="" type="checkbox"/> EQulS (4 File) <input type="checkbox"/> Other		<input type="checkbox"/> Same as Client Info PO #	
Project Location: <b>140, 148-150 Westchester Ave, Port Chester, NY</b>					
Project # <b>11895, phase 2</b>					
(Use Project name as Project #) <input type="checkbox"/>		<b>Regulatory Requirement</b>		<b>Disposal Site Information</b>	
Project Manager: <b>Patricia Petrino</b>		<input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input checked="" type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
ALPHAQuote #:					
<b>Turn-Around Time</b>					
Standard <input checked="" type="checkbox"/> Due Date:					
Rush (only if pre approved) <input type="checkbox"/> # of Days:					
Client Information					
Client: <b>SESI CONSULTING</b>					
Address: <b>12A MAPLE AVE PINEBROOK, NJ</b>					
Phone: <b>973-808-9450</b>					
Fax:					
Email: <b>Patricia.Petrino@sesi.org</b>					

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS		Sample Filtration	
TAL	TALU30	<input type="checkbox"/> Done	Total Bottles
	PPAS(537)	<input type="checkbox"/> Lab to do	
		<input type="checkbox"/> Preservation	
		<input type="checkbox"/> Lab to do	
		(Please Specify below)	
		Sample Specific Comments	

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS		Sample Filtration	
		Date	Time			TAL	TALU30	Done	Lab to do
<b>L27M1-11</b>	<b>TW-2</b>	<b>05/25/2021</b>	<b>1400</b>	<b>6W</b>	<b>DA</b>	<b>X</b>	<b>X</b>	<input type="checkbox"/> Done	Total Bottles
	<b>FB</b>	<b>05/25/2021</b>	<b>0800</b>	<b>D</b>	<b>DA</b>		<b>X</b>	<input type="checkbox"/> Lab to do	
<b>R3</b>								<input type="checkbox"/> Preservation	
<b>5r26</b>								<input type="checkbox"/> Lab to do	
								(Please Specify below)	
								Sample Specific Comments	

Preservative Code: A = None B = HCl C = HNO <sub>3</sub> D = H <sub>2</sub> SO <sub>4</sub> E = NaOH F = MeOH G = NaHSO <sub>4</sub> H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> K/E = Zn Ac/NaOH O = Other	Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle	Westboro: Certification No: MA935 Mansfield: Certification No: MA015	Container Type <b>A P D</b>	Preservative <b>B C A</b>	Relinquished By: <b>[Signature]</b> Date/Time: <b>05/25/2021 1500</b> Received By: <b>[Signature]</b> Date/Time: <b>5/25/21 15:00</b> <b>[Signature]</b> <b>5/25/21 15:48</b> <b>[Signature]</b> <b>5/25/21 2:48</b>		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)
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