737 4TH AVENUE SITE
731-747 4TH AVENUE
BROOKLYN, NEW YORK
SITE #C224332

PRE-DESIGN INVESTIGATION REPORT

SUBMITTED TO:

New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 12233-7016

PREPARED FOR:

737 4th Avenue, LLC
26 Harbor Park Drive
Port Washington, NY 11050

PREPARED BY:

P.W. Grosser Consulting
630 Johnson Ave., Suite 7
Bohemia, NY 11716
Phone: 631-589-6353
Preparer: Jennifer Lewis, PG JenniferL@pwgrosser.com
PWGC Project Number: TOT2202

APRIL 2023

PRE-DESIGN INVESTIGATION REPORT
731 TO 747 4TH AVENUE, BROOKLYN, NY

TABLE OF CONTENTS

1.0 Introduction 1
2.0 SUBJECT PROPERTY DESCRIPTION AND HISTORY 2
2.1. Subject Property Description 2
2.2. Subject Property History 2
3.0 STANDARDS, CRITERIA, AND GUIDANCE (SCGS) 3
4.0 Pre-Design Investigation 4
4.1. Soil Quality 4
4.1.1. Sampling Protocol 4
4.1.2. Sample Analysis 5
4.1.3. Analytical Results 5
4.1.4. Discussion of Results 6
4.2. Community Air Monitoring and Reporting 6
5.0 Quality Assurance / quality control 7
5.1. QA / QC Samples 7
5.2. Data Usability and Validation 7
6.0 Conclusions and Recommendations 8

FIGURES

Figure 1 Site Location Map
Figure 2 Site Plan
Figure 3 PDI Boring Locations

TABLES

Table 1 Soil SVOC Analytical Data
Table 2 Soil Metal Analytical Data
Table 3 Soil Pesticide, PCB, and General Chemistry Analytical Data

APPENDICES

Appendix A Soil Boring Logs
Appendix B Laboratory Data Reports
Appendix C Data Usability Summary Report

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON, CT

CERTIFICATION

I, Jennifer Lewis, PG, certify that I am currently a Qualified Environmental Professional (QEP) as defined in 6 New York Codes, Rules, and Regulations (NYCRR) Part 375 and that this Supplemental Remedial Investigation Report (SRIR) was prepared in accordance with applicable statutes and regulations and in substantial conformance with the New York State Department of Environmental Conservation's (NYSDEC's) Division of Environmental Remediation's (DER's) Technical Guidance for Site Investigation and Remediation (DER-10).

I certify that the information and statements in this certification are true. I understand that a false statement made herein is punishable as Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

Signature	Date
	4/10/23

It is a violation of Article 145 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 145, New York State Education Law.

1.0 INTRODUCTION

The Applicant, 737 4th Avenue, LLC, was accepted into the New York State Department of Environmental Conservation's (NYSDEC's) Brownfield Cleanup Program (BCP) as a Volunteer as set forth in a Brownfield Cleanup Agreement (BCA), dated November 19, 2021, Site No. C224332. P.W. Grosser Consulting, Inc. (PWGC) has prepared the following Pre-Design Investigation Report (PDIR) on behalf of the Applicant to document the results of the Pre-Design Investigation (PDI) based upon the February 2, 2023 Pre-Design Investigation Work Plan (PDIWP) approved by the NYSDEC on February 9, 2023. The purpose of the PDI was to more finely tune remedial excavation depths for the Remedial Action Work Plan (RAWP).

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON, CT

2.0 SUBJECT PROPERTY DESCRIPTION AND HISTORY

2.1. Subject Property Description

The subject property consists of one parcel located at 731 to 747 Atlantic Avenue in the Greenwood Heights neighborhood of Brooklyn, New York. The subject property is located in the Borough of Brooklyn and Kings County. The subject property is identified in the New York City Tax Map as Block 652, Lot 1. The subject consisted of two tax lots and was recently merged; the new lot will be referred to as Lot 1 and the former lots will be referred to as Former Lot 1 and Former Lot 7.

A Site Location Map is included as **Figure 1** and a Site Plan with is included as **Figure 2**.

2.2. Subject Property History

The subject property history, including historical uses and previous environmental investigations, has been documented in the February 2023 Remedial Action Work Plan (RAWP) approved by the NYSDEC. Please review that document for further information.

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON, CT

3.0 STANDARDS, CRITERIA, AND GUIDANCE (SCGS)

Based on previous investigations at the subject property, the primary chemicals of potential concern (COPC) encountered at the subject property are VOCs, SVOCs, metals, and PCBs. The compounds that were driving the remedial excavation depths were predominantly SVOCs, metals, and PCBs which is what this investigation focused on.

Applicable regulations at NYSDEC 6 NYCRR Part 375 provide SCOs for Unrestricted Use and Restricted Use based on the intended usage of the property. Restricted Use SCOs include: Residential, Restricted Residential (single-family houses not permitted), Commercial, or Industrial. The future intended usage of the property is intended to be for multi-family residential purposes; therefore, soil sample results are compared to the lower of Unrestricted Use SCOs and Restricted Residential Use SCOs.

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON, CT

4.0 PRE-DESIGN INVESTIGATION

The primary objectives of the additional work detailed in this PDI were to more finely tune remedial excavation depths for the RAWP. The RAWP was approved in March 2023 and a Remedial Design document will be prepared under separate cover with updated excavation depths and other remedial details.

4.1. Soil Quality

Soil sampling was performed in accordance with DER-10 and with the NYSDEC approved PDIWP.

A total of 26 additional soil borings (PDI001 through PDI026) were installed throughout the property to supplement the previously installed borings during the RI, SRI, and Phase II ESAs. Associated Environmental Services, Ltd. (AES) of Hauppauge, New York provided drilling services. PWGC and AES mobilized to the subject property on February 14 through February 16 to install the additional borings. Soil boring locations are shown on **Figure 3**.

Soil borings were installed utilizing a Geoprobe® direct-push 6011DT drill rig. The drill rig was outfitted with a dual-core sampler and dedicated acetate liners. Non-dedicated sampling equipment was decontaminated in accordance with the procedures specified in PDIWP.

Soils were field screened for the presence of volatile organic vapors using a photo-ionization detector (PID) and classified in accordance with the Unified Soil Classification System (USCS). Elevated PID detections were observed in soil boring PDI019 with a maximum PID reading of 999 parts per million (ppm); this boring is located in the southeast corner of the property in the vicinity of the petroleum spill investigated under spill numbers 93-05122/16-10374.

Soil boring logs are included as **Appendix A**.

4.1.1. Sampling Protocol

Soil samples were collected as grab samples from each soil boring in accordance with the PDIWP. A total of 77 samples were collected. Soil samples were collected from the intervals detailed in the table below with deviations from the PDIWP noted.

Sample IDs	Sample Depth (feet)	Base Elevation (feet)	Sample Elevation (feet)	Deviations
PDI001, PDI005	3, 5, 7, 9, 11, 13	37	34, 32, 30, 28, 26, 24	Did not analyze 11 and 13 as 9 did not exceed Restricted Residential.
PDI002 – PDI004	11, 13	37	26, 24	
PDI006, PDI026	1, 3, 5, 7, 9, 11	37	36, 34, 32, 30, 28, 26	
PDI007 – PDI010 PDI019 – PDI021	1, 3	36	35, 33	

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON, CT

Sample IDs	Sample Depth (feet)	Base Elevation (feet)	Sample Elevation (feet)	Deviations
PDI011 – PDI014 PDI018	1, 3, 5	34	33, 31, 29	
PDI015 – PDI016 PDI024 – PDI025	1, 3, 5, 7	32	31, 29, 27, 25	PDI015, PDI016, PDI024 - Did not analyze 7 as 5 did not exceed Restricted Residential. PDI025 – analyzed all four depths.
PDI017 PDI022 – PPDI023	1, 3, 5, 7, 9	34	33, 31, 29, 27	Did not analyze 7 and 9 as 5 did not exceed Restricted Residential.

4.1.2. Sample Analysis

Samples collected during this PDI were placed in pre-cleaned, pre-preserved, laboratory-supplied glassware and stored on ice in a cooler for transport to the laboratory. Samples were submitted to Alpha Analytical Laboratories of Westborough, MA (Alpha), a NYSDOH Environmental Laboratory Approval Program (ELAP) certified laboratory. Soil samples were analyzed for the following:

- TCL SVOCs by USEPA Method 8270.
- TCL PCBs by USEPA Method 8081/8082 (for PDI006, PDI007, and PDI026 only).
- TAL Metals by USEPA Method 6010/7471.

4.1.3. Analytical Results

Soil sample results were compared to the Unrestricted Use and Restricted Residential Use SCOs specified in 6 NYCRR Part 375, Environmental Remediation Programs (December 2006). Soil analytical data is summarized on **Tables 1** through **3** and laboratory reports are included as **Appendix B**. Soil analytical data from the PDI (including data from the RI and SRI) are included on the spider diagram as **Figure 3**.

Fourteen of the soil samples contained exceedances of Restricted Residential SCOs for SVOCs. Each of the locations with an exceedances of Restricted Residential SCOs contains a sample 2 feet deeper that does not contain an exceedance. The contaminants and concentrations are consistent with what was observed in the RI and SRI.

Three of the soil samples contained exceedances of Restricted Residential SCOs for metals. Each of the locations with an exceedances of Restricted Residential SCOs contains a sample 2 feet deeper that does not contain an exceedance. The contaminants include lead, arsenic, barium, cadmium, copper, and mercury. The contaminants and concentrations are generally consistent with what was observed in the RI and SRI.

Fourteen of the soil samples were analyzed for PCBs and there were no exceedances of Restricted Residential SCOs.

4.1.4. Discussion of Results

The depths of contamination have been more finely tuned in the areas of concern. Based on this information, a revised proposed remedial excavation figure will be prepared and included as part of the Remedial Design document.

4.2. Community Air Monitoring and Reporting

Community air monitoring was performed during the PDI at the subject property during soil disturbance events. This included monitoring the site perimeter for dust and volatile organic vapors. The exclusion zone action level of 150 µg/m^3 greater than background for dust and 5 ppm for volatile organic vapors in the breathing zone were enforced during work.

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON, CT

5.0 QUALITY ASSURANCE / QUALITY CONTROL

The overall quality assurance quality control (QA/QC) objective for the field investigation was to develop and implement procedures that provide data of known and documented quality. QA/QC characteristics for data include precision, accuracy, representativeness, completeness, and comparability. The purpose of the QA/QC activities developed for this subject property were to verify the integrity of the work performed and data collected is of the appropriate type and quality for the intended use.

5.1. QA / QC Samples

To assess the adequacy of the sample collection and decontamination procedures performed in the field, QA/QC samples were collected and analyzed throughout the field sampling program. In general, QA/QC samples confirmed that the procedures performed in the field were consistent and acceptable. QA/QC samples included equipment blanks, blind duplicates, matrix spike (MS), and matrix spike duplicates (MSD).

During the PDI, three equipment blank samples, four MS/MSD samples, and five blind duplicate samples were prepared and submitted for analysis in accordance with the project Quality Assurance Project Plan (QAPP).

5.2. Data Usability and Validation

In accordance with the approved PDIWP, independent third-party data validation was conducted by Environmental Data Usability of Dansville, NY. Full data validation was performed on 5% of the data generated or one sample per Sample Delivery Group (SDG), whichever was greater. Remaining data received a summary validation as detailed in the Data Usability Summary Report (DUSR A copy of the data validation is included in **Appendix C**.

Data were deemed acceptable by the data validator, with minor qualifications due to sample matrix or laboratory quality control outliers, with the exception of the rejection of the results for barium on SDG L2308472 and benzoic acid on SDG L2308471.

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON, CT

6.0 CONCLUSIONS AND RECOMMENDATIONS

To further define the extent of remedial excavation likely required to complete a Track 2 remediation of the site, a Pre-Design Investigation was conducted which supplemented the soil samples from the Remedial Investigation and Supplemental Remedial Investigation. This included the collection of 77 grab soil samples for SVOC and metals analysis and 14 of those samples were also analyzed for PCBs.

There were no additional PCB samples that contained exceedances of Restricted Residential SCOs. There were 14 soil samples that contained SVOC exceedances of Restricted Residential SCOs and 3 soil samples that contained metals exceedances of Restricted Residential SCOs. The exceedances of SVOCs and metals are consistent with what has been observed during the RI and the SRI. This data will be utilized to update the proposed excavation depths and will be included in the upcoming Remedial Design Document.

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON, CT

FIGURES

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON, CT



PWGC
CLIENT DRIVEN SOLUTIONS
P.W. Grosser Consulting Engineer & Hydrogeologist, PC
630 Johnson Ave., Suite 7
Bohemia, NY 11716
Ph: 631-589-6353 • Fax: 631-589-8705
pwgc.info@pwgrosser.com

VICINITY MAP

731-747 4TH AVE
BROOKLYN, NY

0 ¼ ½ ¾ 1 Miles

Project:	TOT2101
Date:	4/14/2022
Designed by:	LS
Drawn by:	JCG
Approved by:	LS
Figure No:	1

Document Path: W:\Projects\S-Z\TOT\2101\ProjectFiles\TOT2101_RIWP_Figures\TOT2101_RIWP_Figures.aprx



Document Path: W:\Projects\S-Z\TOT\2101\Map Files\FIG02_SitePlan.mxd

PWGC
CLIENT DRIVEN SOLUTIONS
P.W. Grosser Consulting Engineer & Hydrogeologist, PC
630 Johnson Ave., Suite 7
Bohemia, NY 11716
Ph: 631-589-6353 • Fax: 631-589-8705
pwgc.info@pwgrosser.com

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING AND RELATED DOCUMENTS IS A VIOLATION OF SEC. 7209 OF THE N.Y.S. EDUCATION LAW

DRAWING PREPARED FOR:

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

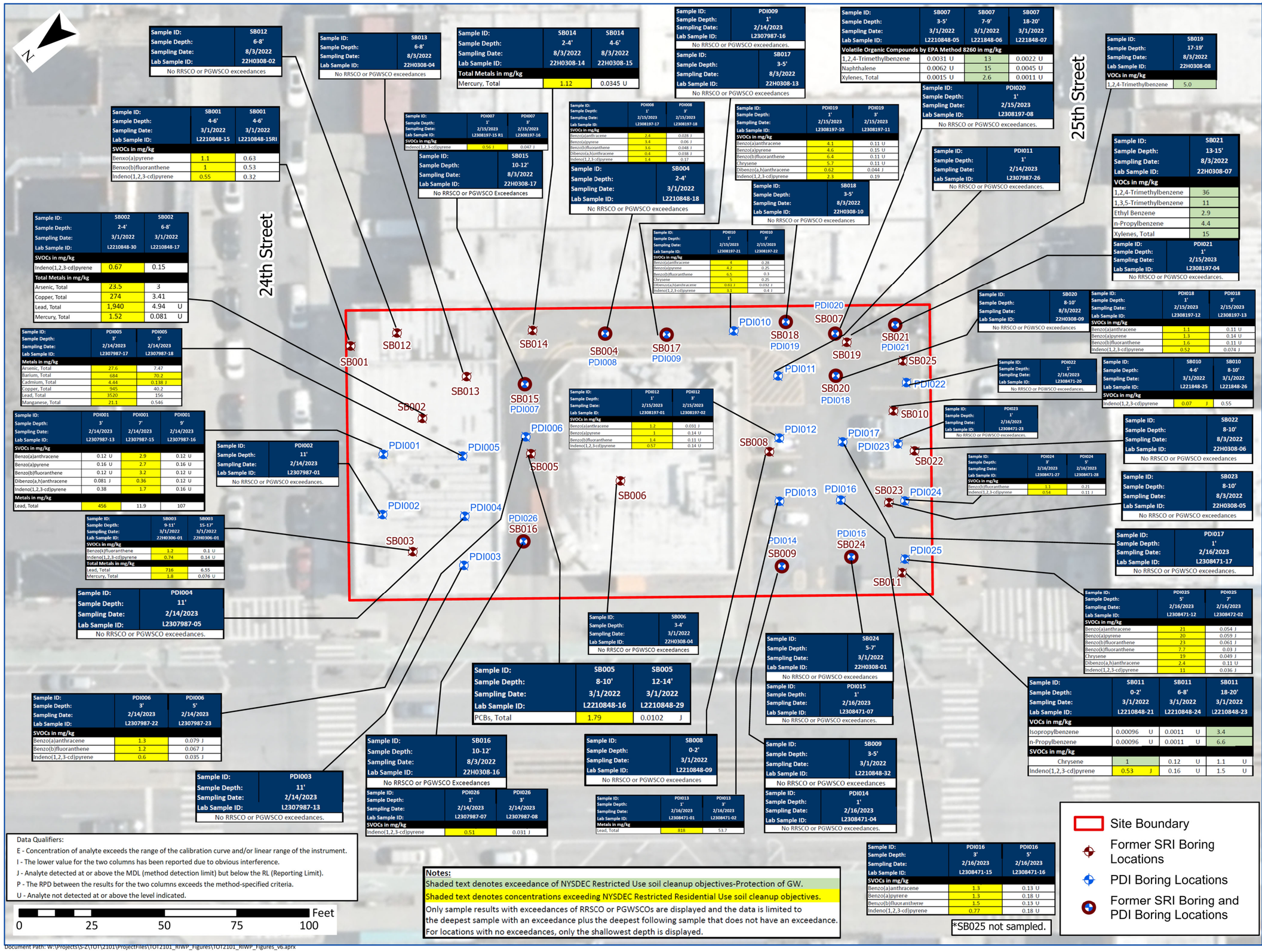
Project:	TOT2101	Designed by:	JL
Date:	3/29/2021	Drawn by:	UC
Scale:	AS SHOWN	Approved by:	JL

SITE PLAN

731-747 4th Ave
Brooklyn, NY

FIGURE NO:

2



Sample ID:	SB012
Sample Depth:	6-8'
Sampling Date:	8/3/2022
Lab Sample ID:	22H0308-02
No RRSCO or PGWSCO exceedances	

Sample ID:	SB013
Sample Depth:	6-8'
Sampling Date:	8/3/2022
Lab Sample ID:	22H0308-04
No RRSCO or PGWSCO exceedances	

Sample ID:	SB014	SB014
Sample Depth:	2-4'	4-6'
Sampling Date:	8/3/2022	8/3/2022
Lab Sample ID:	22H0308-14	22H0308-15
Total Metals in mg/kg		
Mercury, Total	1.12	0.0345 U

Sample ID:	PDI009
Sample Depth:	1'
Sampling Date:	2/14/2023
Lab Sample ID:	L2307987-16
No RRSCO or PGWSCO exceedances.	

Sample ID:	SB017
Sample Depth:	3-5'
Sampling Date:	8/3/2022
Lab Sample ID:	22H0308-13
No RRSCO or PGWSCO exceedances	

Sample ID:	SB007	SB007	SB007
Sample Depth:	3-5'	7-9'	18-20'
Sampling Date:	3/1/2022	3/1/2022	3/1/2022
Lab Sample ID:	L2210848-05	L221848-06	L221848-07
Volatile Organic Compounds by EPA Method 8260 in mg/kg			
1,2,4-Trimethylbenzene	0.0031 U	13	0.0022 U
Naphthalene	0.0062 U	15	0.0045 U
Xylenes, Total	0.0015 U	2.6	0.0011 U

Sample ID:	SB019
Sample Depth:	17-19'
Sampling Date:	8/3/2022
Lab Sample ID:	22H0308-08
VOCs in mg/kg	
1,2,4-Trimethylbenzene	5.0

Sample ID:	SB001	SB001
Sample Depth:	4-6'	4-6'
Sampling Date:	3/1/2022	3/1/2022
Lab Sample ID:	L2210848-15	L2210848-15RI
SVOCs in mg/kg		
Benxo(a)pyrene	1.1	0.63
Benxo(b)fluoranthene	1	0.53
Indeno(1,2,3-cd)pyrene	0.55	0.32

Sample ID:	PDI007	PDI007
Sample Depth:	1'	3'
Sampling Date:	2/15/2023	2/15/2023
Lab Sample ID:	L2308197-15 R1	L2308197-16
SVOCs in mg/kg		
Indeno(1,2,3-cd)pyrene	0.56 J	0.047 J

Sample ID:	SB015
Sample Depth:	10-12'
Sampling Date:	8/3/2022
Lab Sample ID:	22H0308-17
No RRSCO or PGWSCO Exceedances	

Sample ID:	PDI008	PDI008
Sample Depth:	1'	3'
Sampling Date:	2/15/2023	2/15/2023
Lab Sample ID:	L2308197-17	L2308197-18
SVOCs in mg/kg		
Benzo(a)anthracene	2.4	0.028 J
Benzo(a)pyrene	3.4	0.06 J
Benzo(b)fluoranthene	3.6	0.048 J
Dibenzo(a,h)anthracene	0.4	0.038 J
Indeno(1,2,3-cd)pyrene	1.4	0.17

Sample ID:	SB004
Sample Depth:	2-4'
Sampling Date:	3/1/2022
Lab Sample ID:	L2210848-18
No RRSCO or PGWSCO exceedances	

Sample ID:	PDI019	PDI019
Sample Depth:	1'	3'
Sampling Date:	2/15/2023	2/15/2023
Lab Sample ID:	L2308197-10	L2308197-11
SVOCs in mg/kg		
Benzo(a)anthracene	4.1	0.11 U
Benzo(a)pyrene	4.6	0.15 U
Benzo(b)fluoranthene	6.4	0.11 U
Chrysene	5.7	0.11 U
Dibenzo(a,h)anthracene	0.62	0.044 J
Indeno(1,2,3-cd)pyrene	2.3	0.19

Sample ID:	SB018
Sample Depth:	3-5'
Sampling Date:	8/3/2022
Lab Sample ID:	22H0308-10
No RRSCO or PGWSCO exceedances	

Sample ID:	PDI020
Sample Depth:	1'
Sampling Date:	2/15/2023
Lab Sample ID:	L2308197-08
No RRSCO or PGWSCO exceedances.	

Sample ID:	PDI011
Sample Depth:	1'
Sampling Date:	2/14/2023
Lab Sample ID:	L2307987-26
No RRSCO or PGWSCO exceedances.	

Sample ID:	SB021
Sample Depth:	13-15'
Sampling Date:	8/3/2022
Lab Sample ID:	22H0308-07
VOCs in mg/kg	
1,2,4-Trimethylbenzene	36
1,3,5-Trimethylbenzene	11
Ethyl Benzene	2.9
n-Propylbenzene	4.4
Xylenes, Total	15

Sample ID:	PDI021
Sample Depth:	1'
Sampling Date:	2/15/2023
Lab Sample ID:	L2308197-04
No RRSCO or PGWSCO exceedances.	

Sample ID:	SB002	SB002
Sample Depth:	2-4'	6-8'
Sampling Date:	3/1/2022	3/1/2022
Lab Sample ID:	L2210848-30	L2210848-17
SVOCs in mg/kg		
Indeno(1,2,3-cd)pyrene	0.67	0.15
Total Metals in mg/kg		
Arsenic, Total	23.5	3
Copper, Total	274	3.41
Lead, Total	1,940	4.94 U
Mercury, Total	1.52	0.081 U

Sample ID:	PDI017
Sample Depth:	1'
Sampling Date:	2/16/2023
Lab Sample ID:	L2308471-17
No RRSCO or PGWSCO exceedances.	

Sample ID:	PDI005	PDI005
Sample Depth:	3'	5'
Sampling Date:	2/14/2023	2/14/2023
Lab Sample ID:	L2307987-17	L2307987-18
Metals in mg/kg		
Arsenic, Total	27.6	7.47
Barium, Total	684	70.2
Cadmium, Total	4.44	0.138 J
Copper, Total	945	40.2
Lead, Total	3520	156
Manganese, Total	21.1	0.546

Sample ID:	SB020
Sample Depth:	8-10'
Sampling Date:	8/3/2022
Lab Sample ID:	22H0308-09
No RRSCO or PGWSCO exceedances	

Sample ID:	PDI018	PDI018
Sample Depth:	1'	3'
Sampling Date:	2/15/2023	2/15/2023
Lab Sample ID:	L2308197-12	L2308197-13
SVOCs in mg/kg		
Benzo(a)anthracene	1.1	0.11 U
Benzo(a)pyrene	1.3	0.14 U
Benzo(b)fluoranthene	1.6	0.11 U
Indeno(1,2,3-cd)pyrene	0.52	0.074 J

Sample ID:	PDI022
Sample Depth:	1'
Sampling Date:	2/16/2023
Lab Sample ID:	L2308471-20
No RRSCO or PGWSCO exceedances.	

Sample ID:	SB010	SB010
Sample Depth:	4-6'	8-10'
Sampling Date:	3/1/2022	3/1/2022
Lab Sample ID:	L221848-25	L221848-26
SVOCs in mg/kg		
Indeno(1,2,3-cd)pyrene	0.07 J	0.55

Sample ID:	PDI001	PDI001	PDI001
Sample Depth:	3'	7'	9'
Sampling Date:	2/14/2023	2/14/2023	2/14/2023
Lab Sample ID:	L2307987-13	L2307987-15	L2307987-16
SVOCs in mg/kg			
Benzo(a)anthracene	0.12 U	2.9	0.12 U
Benzo(a)pyrene	0.16 U	2.7	0.16 U
Benzo(b)fluoranthene	0.12 U	3.2	0.12 U
Dibenzo(a,h)anthracene	0.081 J	0.36	0.12 U
Indeno(1,2,3-cd)pyrene	0.38	1.7	0.16 U
Metals in mg/kg			
Lead, Total	456	11.9	107

Sample ID:	PDI002
Sample Depth:	11'
Sampling Date:	2/14/2023
Lab Sample ID:	L2307987-01
No RRSCO or PGWSCO exceedances.	

Sample ID:	PDI012	PDI012
Sample Depth:	1'	3'
Sampling Date:	2/15/2023	2/15/2023
Lab Sample ID:	L2308197-01	L2308197-02
SVOCs in mg/kg		
Benzo(a)anthracene	1.2	0.031 J
Benzo(a)pyrene	1	0.14 U
Benzo(b)fluoranthene	1.4	0.11 U
Indeno(1,2,3-cd)pyrene	0.57	0.14 U

Sample ID:	PDI023
Sample Depth:	1'
Sampling Date:	2/16/2023
Lab Sample ID:	L2308471-23
No RRSCO or PGWSCO exceedances.	

Sample ID:	SB022
Sample Depth:	8-10'
Sampling Date:	8/3/2022
Lab Sample ID:	22H0308-06
No RRSCO or PGWSCO exceedances	

Sample ID:	PDI024	PDI024
Sample Depth:	1'	3'
Sampling Date:	2/16/2023	2/16/2023
Lab Sample ID:	L2308471-27	L2308471-28
SVOCs in mg/kg		
Benzo(b)fluoranthene	1.1	0.21
Indeno(1,2,3-cd)pyrene	0.54	0.11 J

Sample ID:	SB023
Sample Depth:	8-10'
Sampling Date:	8/3/2022
Lab Sample ID:	22H0308-05
No RRSCO or PGWSCO exceedances	

Sample ID:	SB003	SB003
Sample Depth:	9-11'	15-17'
Sampling Date:	3/1/2022	3/1/2022
Lab Sample ID:	22H0306-01	22H0306-01
SVOCs in mg/kg		
Benzo(k)fluoranthene	1.2	0.1 U
Indeno(1,2,3-cd)pyrene	0.74	0.14 U
Total Metals in mg/kg		
Lead, Total	716	6.55
Mercury, Total	1.8	0.076 U

Sample ID:	PDI004
Sample Depth:	11'
Sampling Date:	2/14/2023
Lab Sample ID:	L2307987-05
No RRSCO or PGWSCO exceedances.	

Sample ID:	SB006
Sample Depth:	3-4'
Sampling Date:	3/1/2022
Lab Sample ID:	22H0308-04
No RRSCO or PGWSCO exceedances	

Sample ID:	SB024
Sample Depth:	5-7'
Sampling Date:	3/1/2022
Lab Sample ID:	22H0308-01
No RRSCO or PGWSCO exceedances	

Sample ID:	PDI025	PDI025
Sample Depth:	5'	7'
Sampling Date:	2/16/2023	2/16/2023
Lab Sample ID:	L2308471-12	L2308472-02
SVOCs in mg/kg		
Benzo(a)anthracene	21	0.054 J
Benzo(a)pyrene	20	0.059 J
Benzo(b)fluoranthene	23	0.061 J
Benzo(k)fluoranthene	7.7	0.03 J
Chrysene	19	0.049 J
Dibenzo(a,h)anthracene	2.4	0.11 U
Indeno(1,2,3-cd)pyrene	11	0.036 J

Sample ID:	PDI015
Sample Depth:	1'
Sampling Date:	2/16/2023
Lab Sample ID:	L2308471-07
No RRSCO or PGWSCO exceedances.	

Sample ID:	SB005	SB005
Sample Depth:	8-10'	12-14'
Sampling Date:	3/1/2022	3/1/2022
Lab Sample ID:	L2210848-16	L2210848-29
PCBs, Total	1.79	0.0102 J

Sample ID:	SB011	SB011	SB011
Sample Depth:	0-2'	6-8'	18-20'
Sampling Date:	3/1/2022	3/1/2022	3/1/2022
Lab Sample ID:	L2210848-21	L2210848-24	L2210848-23
VOCs in mg/kg			
Isopropylbenzene	0.00096 U	0.0011 U	3.4
n-Propylbenzene	0.00096 U	0.0011 U	6.6
SVOCs in mg/kg			
Chrysene	1	0.12 U	1.1 U
Indeno(1,2,3-cd)pyrene	0.53 J	0.16 U	1.5 U

Sample ID:	PDI006	PDI006
Sample Depth:	3'	5'
Sampling Date:	2/14/2023	2/14/2023
Lab Sample ID:	L2307987-22	L2307987-23
SVOCs in mg/kg		
Benzo(a)anthracene	1.3	0.079 J
Benzo(b)fluoranthene	1.2	0.067 J
Indeno(1,2,3-cd)pyrene	0.6	0.035 J

Sample ID:	SB016
Sample Depth:	10-12'
Sampling Date:	8/3/2022
Lab Sample ID:	22H0308-16
No RRSCO or PGWSCO Exceedances	

Sample ID:	SB008
Sample Depth:	0-2'
Sampling Date:	3/1/2022
Lab Sample ID:	L2210848-09
No RRSCO or PGWSCO exceedances	

Sample ID:	SB009
Sample Depth:	3-5'
Sampling Date:	3/1/2022
Lab Sample ID:	L2210848-32
No RRSCO or PGWSCO exceedances	

Sample ID:	PDI026	PDI026
Sample Depth:	1'	3'
Sampling Date:	2/14/2023	2/14/2023
Lab Sample ID:	L2307987-07	L2307987-08
SVOCs in mg/kg		
Indeno(1,2,3-cd)pyrene	0.51	0.031 J

Sample ID:	PDI013	PDI013
Sample Depth:	1'	3'
Sampling Date:	2/16/2023	2/16/2023
Lab Sample ID:	L2308471-01	L2308471-02
Metals in mg/kg		
Lead, Total	818	53.7

Sample ID:	PDI014
Sample Depth:	1'
Sampling Date:	2/16/2023
Lab Sample ID:	L2308471-04
No RRSCO or PGWSCO exceedances.	

Sample ID:	PDI016	PDI016
Sample Depth:	3'	5'
Sampling Date:	2/16/2023	2/16/2023
Lab Sample ID:	L2308471-15	L2308471-16
SVOCs in mg/kg		
Benzo(a)anthracene	1.3	0.13 U
Benzo(a)pyrene	1.3	0.18 U
Benzo(b)fluoranthene	1.5	0.13 U
Indeno(1,2,3-cd)pyrene	0.77	0.18 U

*SB025 not sampled.

Data Qualifiers:
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
I - The lower value for the two columns has been reported due to obvious interference.
J - Analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit).
P - The RPD between the results for the two columns exceeds the method-specified criteria.
U - Analyte not detected at or above the level indicated.

Notes:
Shaded text denotes exceedance of NYSDEC Restricted Use soil cleanup objectives-Protection of GW.
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use soil cleanup objectives.
Only sample results with exceedances of RRSCO or PGWSCOs are displayed and the data is limited to the deepest sample with an exceedance plus the deepest following sample that does not have an exceedance. For locations with no exceedances, only the shallowest depth is displayed.

PWGC
CLIENT DRIVEN SOLUTIONS
P.W. Grosser Consulting Engineer & Hydrogeologist, PC
630 Johnson Ave., Suite 7
Bohemia, NY 11716
Ph: 631-589-6353 • Fax: 631-589-8705
pwgc.info@pwgrosser.com

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING AND RELATED DOCUMENTS IS A VIOLATION OF SEC. 7209 OF THE N.Y.S. EDUCATION LAW

DRAWING PREPARED FOR:

737 4th Avenue, LLC
26 Harbor Park Drive
Port Washington, NY 11050

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

Project:	TOT2202	Designed by:	JL
Date:	3/15/2023	Drawn by:	AM
Scale:	AS SHOWN	Approved by:	JL

PDI Boring Locations

731-747 4th Ave
Brooklyn, NY

FIGURE NO:

3

Document Path: W:\Projects\S-Z\TOT\2101\ProjectFiles\TOT2101_RIWP_Figures\TOT2101_RIWP_Figures_V6.aprx

TABLES

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON, CT

Table 1
Soil SVOC Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	SB001	SB001	SB001	SB001	SB002	SB002	SB002	SB003	SB003	SB003	SB003	SB004	SB004	SB005	SB005	SB005	SB005	SB005
Sample Depth:				0-2'	0-2'	4-6'	4-6'	2-4'	6-8'	18-20'	3-5'	9-11'	15-17'	20-22'	2-4'	6-8'	0-2	0-2'	8-10'	12-14'	15-17'
Sampling Date:				3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022
Lab Sample ID:				L2210848-14	L2210848-14R1	L2210848-15	L2210848-15R1	L2210848-30	L2210848-17	L2210848-19	L2210848-22	L2210848-27	L2210848-20	L2210848-28	L2210848-18	L2211451-03	L2210848-13	L2210848-13R1	L2210848-16	L2210848-29	L2211451-01
Semi Volatile Organic Compounds by EPA Method 8270 in mg/Kg																					
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	541-73-1	2.4	49	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,4-Dichlorobenzene	106-46-7	1.8	13	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,4-Dioxane	123-91-1	0.1	13	0.026 U	0.026 U	0.027 U	0.027 U	0.028 U	0.029 U	0.026 U	0.028 U	0.029 U	0.025 U	0.027 U	0.028 U	0.03 U	0.028 U	0.028 U	0.027 U	0.028 U	0.027 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
2,4,5-Trichlorophenol	95-95-4	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	0.1 U	0.1 U	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U	0.11 U	0.12 U	0.1 U	0.11 U	0.11 U	0.12 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
2,4-Dichlorophenol	120-83-2	NS	NS	0.16 U	0.15 U	0.16 U	0.16 U	0.17 U	0.17 U	0.16 U	0.17 U	0.17 U	0.15 U	0.16 U	0.17 U	0.18 U	0.17 U	0.17 U	0.16 U	0.16 U	0.16 U
2,4-Dimethylphenol	105-67-9	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2,4-Dinitrophenol	51-28-5	NS	NS	0.83 U	0.82 U	0.88 U	0.88 U	0.9 U	0.93 U	0.85 U	0.9 U	0.92 U	0.81 U	0.87 U	0.9 U	0.96 U	0.89 U	0.89 U	0.87 U	0.88 U	0.87 U
2,4-Dinitrotoluene	121-14-2	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2,6-Dinitrotoluene	606-20-2	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Chloronaphthalene	91-58-7	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Chlorophenol	95-57-8	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Methylnaphthalene	91-57-6	NS	NS	0.21 U	0.2 U	0.061 J	0.026 J	0.23 U	0.23 U	0.21 U	0.24	0.11 J	0.2 U	0.22 U	0.22 U	0.24 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
2-Methylphenol	95-48-7	0.33	100	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Nitroaniline	88-74-4	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Nitrophenol	88-75-5	NS	NS	0.37 U	0.37 U	0.4 U	0.39 U	0.41 U	0.42 U	0.38 U	0.4 U	0.42 U	0.37 U	0.39 U	0.4 U	0.43 U	0.4 U	0.4 U	0.39 U	0.4 U	0.39 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	100	0.25 U	0.25 U	0.26 U	0.26 U	0.27 U	0.28 U	0.26 U	0.04 J	0.28 U	0.24 U	0.26 U	0.27 U	0.29 U	0.27 U	0.27 U	0.26 U	0.26 U	0.26 U
3-Nitroaniline	99-09-2	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4,6-Dinitro-o-cresol	534-52-1	NS	NS	0.45 U	0.44 U	0.48 U	0.48 U	0.49 U	0.5 U	0.46 U	0.49 U	0.5 U	0.44 U	0.47 U	0.48 U	0.52 U	0.48 U	0.48 U	0.47 U	0.48 U	0.47 U
4-Bromophenyl phenyl ether	101-55-3	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Chloroaniline	106-47-8	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Nitroaniline	100-01-6	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Nitrophenol	100-02-7	NS	NS	0.24 U	0.24 U	0.26 U	0.26 U	0.27 U	0.25 U	0.26 U	0.27 U	0.27 U	0.24 U	0.25 U	0.26 U	0.28 U	0.26 U	0.26 U	0.25 U	0.26 U	0.25 U
Acenaphthene	83-32-9	20	100	0.14 U	0.14 U	0.15	0.057 J	0.028 J	0.15 U	0.14 U	0.45	0.085 J	0.14 U	0.14 U	0.15 U	0.16 U	0.15 U	0.15 U	0.14 U	0.15 U	0.14 U
Acenaphthylene	208-96-8	100	100	0.14 U	0.14 U	0.083 J	0.06 J	0.11 J	0.15 U	0.14 U	0.1 J	0.1 J	0.14 U	0.14 U	0.15 U	0.16 U	0.15 U	0.15 U	0.14 U	0.15 U	0.14 U
Acetophenone	98-86-2	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Aniline	62-53-3	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Anthracene	120-12-7	100	100	0.034 J	0.1 U	0.4	0.16	0.14	0.12 U	0.11 U	1.4	0.37	0.1 U	0.11 U	0.11 U	0.12 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
Atrazine	1912-24-9	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzaldehyde	100-52-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzidine	92-87-5	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene	56-55-3	1	1	0.1	0.11	0.91	0.45	0.7	0.12 U	0.11 U	3.1	0.93	0.1 U	0.11 U	0.021 J	0.12 U	0.15	0.098 J	0.041 J	0.11 U	0.11 U
Benzo(a)pyrene	50-32-8	1	1	0.089 J	0.1 J	1.1	0.63	0.83	0.15 U	0.14 U	2.9	0.9	0.14 U	0.14 U	0.15 U	0.16 U	0.15	0.1 J	0.14 U	0.15 U	0.14 U
Benzo(b)fluoranthene	205-99-2	1	1	0.1	0.13	1	0.53	0.99	0.12 U	0.11 U	3.5	1.2	0.1 U	0.11 U	0.11 U	0.12 U	0.19	0.12	0.04 J	0.11 U	0.11 U
Benzo(ghi)perylene	191-24-2	100	100	0.059 J	0.083 J	0.8	0.67	0.73	0.15 U	0.14 U	1.8	0.62	0.14 U	0.14 U	0.15 U	0.16 U	0.16	0.068 J	0.03 J	0.15 U	0.14 U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	0.046 J	0.039 J	0.28	0.17	0.25	0.12 U	0.11 U	0.9	0.33	0.1 U	0.11 U	0.11 U	0.12 U	0.058 J	0.042 J	0.11 U	0.11 U	0.11 U
Benzoic Acid	65-85-0	NS	NS	0.56 U	0.56 U	0.59 U	0.59 U	0.61 U	0.63 U	0.57 U	0.61 U	0.62 U	0.55 U	0.58 U	0.6 U	0.64 U	0.6 U	0.6 U	0.59 U	0.59 U	0.59 U
Benzyl Alcohol	100-51-6	NS	NS	0.17 U	0.052 J	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Biphenyl	92-52-4	NS	NS	0.4 U	0.39 U	0.42 U	0.42 U	0.43 U	0.44 U	0.4 U	0.067 J	0.038 J	0.39 U	0.41 U	0.43 U	0.45 U	0.42 U	0.42 U	0.41 U	0.42 U	0.42 U
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.2 U	0.21 U	0.18 U	0.2 U	0.2 U	0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bis(2-chloroethyl)ether	111-44-4	NS	NS	0.16 U	0.15 U	0.16 U	0.16 U	0.17 U	0.17 U	0.16 U	0.17 U	0.17 U	0.15 U	0.16 U	0.17 U	0.18 U	0.17 U	0.17 U	0.16 U	0.16 U	0.16 U
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	0.21 U	0.2 U	0.22 U	0.22 U	0.23 U	0.23 U	0.21 U	0.22 U	0.23 U	0.2 U	0.22 U	0.22 U	0.24 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	0.61	0.26	0.19	0.096 J	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Butyl benzyl phthalate	85-68-7	NS	NS	0.48	0.44	0.28	0.16 J	0.19 U	0.19 U	0.18 U	0.19 U	0.2	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.094 J	0.18 U	0.18 U
Caprolactam	105-60-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Carbazole	86-74-8	NS	NS	0.17 U	0.17 U	0.15 J	0.062 J	0.064 J	0.19 U	0.18 U	0.66	0.19	0.17 U	0.18 U	0.19 U	0.2 U	0.019 J	0.18 U	0.18 U	0.18 U	0.18 U
Chrysene	218-01-9	1	3.9	0.1	0.092 J	0.95	0.5	0.72	0.12 U	0.11 U	2.8	0.85	0.1 U	0.11 U	0.019 J	0.12 U	0.16	0.099 J	0.037 J	0.11 U	0.11 U
Di-n-butylphthalate	84-74-2	NS	NS	0.11 J	0.078 J	0.045 J	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Di-n-octylphthalate	117-84-0	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.1 U	0.1 U	0.15	0.096 J	0.23	0.12 U	0.11 U	0.39	0.14	0.1 U	0.11 U	0.11 U	0.12 U	0.032 J	0.11 U	0.11 U	0.11 U	0.11 U
Dibenzofuran	132-64-9	7	59	0.17 U	0.17 U	0.1 J	0.041 J	0.028 J	0.19 U	0.18 U	0.46	0.11 J	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Diethyl phthalate	84-66-2	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Dimethyl phthalate	131-11-3	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.063 J	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Fluoranthene	206-44-0	100	100	0.17	0.18	1.5	0.82	1.3	0.12 U	0.11 U	5.7	1.8	0.1 U	0.11 U	0.029 J	0.12 U	0.24	0.21	0.069 J	0.11 U	0.11 U
Fluorene	86-73-7	30	100	0.17 U	0.17 U	0.11 J	0.053 J	0.033 J	0.19 U	0.18 U	0.65	0.14 J	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Hexachlorobenzene	118-74-1	0.33	1.2	0.1 U	0.1 U	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U	0.11 U	0.12 U	0.1 U	0.11 U	0.11 U	0.12 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
Hexachlorobutadiene	87-68-3	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	0.5 U	0.49 U	0.52 U	0.52 U	0.54 U	0.55 U	0.51 U	0.54 U	0.55 U	0.48 U	0.52 U	0.53 U	0.57 U	0.53 U	0.53 U	0.52 U	0.52 U	0.52 U
Hexachloroethane	67-72-1	NS	NS	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U	0.16 U	0.15 U	0.15 U	0.14 U	0.15 U	0.14 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.048 J	0.07 J	0.55	0.32	0.67	0.15 U	0.14 U	1.9	0.74	0.14 U	0.14 U	0.15 U	0.16 U	0.14 J	0.078 J	0.14 U	0.15 U	0.14 U
Isophorone	78-59-1	NS	NS	0.16 U	0.15 U	0.16 U	0.16 U	0.17 U	0.17 U	0.16 U	0.17 U	0.17 U	0.15 U	0.16 U	0.17 U	0.18 U	0.17 U	0.17 U	0.16 U	0.16 U	0.16 U
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Naphthalene	91-20-3	12	100	0.17 U	0.17 U	0.12 J	0.042 J	0.052 J	0.19 U	0.18 U	0.32	0.12 J	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
NDPA/DPA	86-30-6	NS	NS	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U	0.16 U	0.15 U	0.15 U	0.14 U	0.15 U	0.14 U
Nitrobenzene	98-95-3	NS	NS	0.16 U	0.15 U	0.16 U	0.16 U	0.17 U	0.17 U	0.16 U	0.17 U	0.17 U	0.15 U	0.16 U	0.17 U	0.18 U	0.17 U	0.17 U	0.16 U	0.16 U	0.16 U
p-Chloro-m-cresol	59-50-7	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
N-Nitrosodimethylamine	62-75-9	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Pentachlorophenol	87-86-5	0.8	6.7	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U	0.16 U	0.15 U	0.15 U	0.14 U	0.15 U	0.14 U
Phenanthrene	85-01-8	100	100	0.13	0.096 J	1.4	0.58	0.55	0.12 U	0.11 U	5.7	1.4	0.1 U	0.11 U	0.026 J	0.12 U	0.13	0.13	0.063 J	0.11 U	0.11 U
Phenol	108-95-2	0.33	100	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Pyrene	129-00-0	100	100	0.16	0.17	1.4	0.72	1.2	0.12 U	0.11 U	5.1	1.5	0.1 U	0.11 U	0.025 J	0.12 U	0.2	0.18	0.058 J	0.11 U	0.11 U
Pyridine	110-86-1	100	100	0.16	0.17	1.4	0.72	1.2	0.12 U	0.11 U	5.1	1.5	0.1 U	0.11 U	0.025 J	0.12 U	0.2	0.18	0.058 J	0.11 U	0.11 U

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Objective Table 375-6.8a 12/06
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of Soil Cleanup Objective Table 375-6.8b 12/06
NS - No standard
NT - Not tested
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
Blind duplicates: DUP001 = SB007 (3-5') and DUP002 = SB005 (0-2')
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 1
Soil SVOC Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID: Sample Depth: Sampling Date: Lab Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	SB006 3-4' 3/1/2022 L2210848-04	SB006 4-6' 3/1/2022 L2210848-03	SB007 3-5' 3/1/2022 L2210848-05	SB007 7-9' 3/1/2022 L2210848-06	SB007 18-20' 3/1/2022 L2210848-07	SB008 0-2' 3/1/2022 L2210848-09	SB008 2-4' 3/1/2022 L2210848-12	SB008 6-8' 3/1/2022 L2210848-10	SB008 12-14' 3/1/2022 L2210848-02	SB009 3-5' 3/1/2022 L2210848-32	SB009 5-7' 3/1/2022 L2211451-02	SB009 9-11' 3/1/2022 L2210848-31	SB010 0-2' 3/1/2022 L2210848-01	SB010 4-6' 3/1/2022 L2210848-25	SB010 8-10' 3/1/2022 L2210848-26	SB011 0-2' 3/1/2022 L2210848-21	SB011 6-8' 3/1/2022 L2210848-24	SB011 18-20' 3/1/2022 L2210848-23
Semi Volatile Organic Compounds by EPA Method 8270 in mg/Kg																					
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	541-73-1	2.4	49	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
1,4-Dichlorobenzene	106-46-7	1.8	13	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
1,4-Dioxane	123-91-1	0.1	13	0.027 U	0.027 U	0.028 U	0.14 U	0.027 U	0.027 U	0.028 U	0.028 U	0.028 U	0.026 U	0.028 U	0.029 U	0.027 U	0.027 U	0.028 U	0.14 U	0.029 U	0.27 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
2,4,5-Trichlorophenol	95-95-4	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	0.11 U	0.11 U	0.11 U	0.58 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U	0.11 U	0.12 U	0.11 U	0.11 U	0.11 U	0.57 U	0.12 U	1.1 U
2,4-Dichlorophenol	120-83-2	NS	NS	0.16 U	0.16 U	0.17 U	0.86 U	0.16 U	0.16 U	0.17 U	0.17 U	0.17 U	0.16 U	0.17 U	0.17 U	0.16 U	0.16 U	0.17 U	0.85 U	0.18 U	1.6 U
2,4-Dimethylphenol	105-67-9	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
2,4-Dinitrophenol	51-28-5	NS	NS	0.85 U	0.86 U	0.89 U	4.6 U	0.88 U	0.85 U	0.89 U	0.91 U	0.9 U	0.84 U	0.89 U	0.93 U	0.86 U	0.86 U	0.89 U	4.5 U	0.94 U	8.8 U
2,4-Dinitrotoluene	121-14-2	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
2,6-Dinitrotoluene	606-20-2	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
2-Chloronaphthalene	91-58-7	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
2-Chlorophenol	95-57-8	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
2-Methylnaphthalene	91-57-6	NS	NS	0.21 U	0.21 U	0.22 U	29	6.8	0.21 U	0.22 U	0.23 U	0.22 U	0.21 U	0.22 U	0.23 U	0.22 U	0.22 U	0.22 U	1.1 U	1.4	54
2-Methylphenol	95-48-7	0.33	100	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
2-Nitroaniline	88-74-4	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
2-Nitrophenol	88-75-5	NS	NS	0.38 U	0.39 U	0.4 U	2.1 U	0.4 U	0.38 U	0.4 U	0.41 U	0.4 U	0.38 U	0.4 U	0.42 U	0.39 U	0.39 U	0.4 U	2 U	0.42 U	3.9 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	100	0.26 U	0.26 U	0.27 U	1.4 U	0.26 U	0.26 U	0.27 U	0.27 U	0.27 U	0.25 U	0.27 U	0.28 U	0.26 U	0.26 U	0.27 U	1.4 U	0.28 U	2.6 U
3-Nitroaniline	99-09-2	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
4,6-Dinitro-o-cresol	534-52-1	NS	NS	0.46 U	0.46 U	0.48 U	2.5 U	0.48 U	0.46 U	0.48 U	0.49 U	0.49 U	0.46 U	0.48 U	0.5 U	0.47 U	0.47 U	0.48 U	2.4 U	0.51 U	4.7 U
4-Bromophenyl phenyl ether	101-55-3	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
4-Chloroaniline	106-47-8	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
4-Nitroaniline	100-01-6	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
4-Nitrophenol	100-02-7	NS	NS	0.25 U	0.25 U	0.26 U	1.3 U	0.26 U	0.25 U	0.26 U	0.26 U	0.26 U	0.25 U	0.26 U	0.27 U	0.25 U	0.25 U	0.26 U	1.3 U	0.28 U	2.6 U
Acenaphthene	83-32-9	20	100	0.14 U	0.14 U	0.15 U	1.7	0.32	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.16 U	0.024 J	0.045 J	0.15 U	0.76 U	0.2	1.9
Acenaphthylene	208-96-8	100	100	0.14 U	0.14 U	0.15 U	0.77 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.16 U	0.14 U	0.067 J	0.15 U	0.76 U	0.16 U	1.5 U
Acetophenone	98-86-2	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Aniline	62-53-3	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Anthracene	120-12-7	100	100	0.11 U	0.11 U	0.11 U	0.62	0.094 J	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U	0.11 U	0.12 U	0.07 J	0.2	0.11 U	0.57 U	0.12	0.86 J
Atrazine	1912-24-9	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzaldehyde	100-52-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzidine	92-87-5	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene	56-55-3	1	1	0.029 J	0.11 U	0.11 U	0.58 U	0.11 U	0.028 J	0.11 U	0.11 U	0.11 U	0.12	0.11 U	0.12 U	0.3	0.73	0.049 J	0.55 J	0.12 U	1.1 U
Benzo(a)pyrene	50-32-8	1	1	0.14 U	0.14 U	0.15 U	0.77 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.15	0.15 U	0.16 U	0.36	0.73	0.079 J	0.52 J	0.16 U	1.5 U
Benzo(b)fluoranthene	205-99-2	1	1	0.11 U	0.11 U	0.11 U	0.58 U	0.11 U	0.032 J	0.11 U	0.11 U	0.11 U	0.18	0.11 U	0.12 U	0.46	0.84	0.093 J	0.98	0.12 U	1.1 U
Benzo(ghi)perylene	191-24-2	100	100	0.14 U	0.14 U	0.15 U	0.77 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.1 J	0.15 U	0.16 U	0.33	0.49	0.088 J	0.47 J	0.16 U	1.5 U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	0.11 U	0.11 U	0.11 U	0.58 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.063 J	0.11 U	0.12 U	0.16	0.28	0.11 U	0.3 J	0.12 U	1.1 U
Benzoic Acid	65-85-0	NS	NS	0.58 U	0.58 U	0.6 U	3.1 U	0.59 U	0.57 U	0.6 U	0.61 U	0.61 U	0.57 U	0.6 U	0.63 U	0.58 U	0.58 U	0.6 U	3 U	0.64 U	5.9 U
Benzyl Alcohol	100-51-6	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Biphenyl	92-52-4	NS	NS	0.4 U	0.41 U	0.42 U	1.9 J	0.44	0.4 U	0.42 U	0.43 U	0.43 U	0.4 U	0.42 U	0.44 U	0.41 U	0.41 U	0.42 U	2.2 U	0.45 U	4.2 U
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	0.19 U	0.19 U	0.2 U	1 U	0.2 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	0.19 U	0.2 U	1 U	0.21 U	2 U
Bis(2-chloroethyl)ether	111-44-4	NS	NS	0.16 U	0.16 U	0.17 U	0.86 U	0.16 U	0.16 U	0.17 U	0.17 U	0.17 U	0.16 U	0.17 U	0.17 U	0.16 U	0.16 U	0.17 U	0.85 U	0.18 U	1.6 U
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	0.21 U	0.21 U	0.22 U	1.2 U	0.22 U	0.21 U	0.22 U	0.23 U	0.22 U	0.21 U	0.22 U	0.23 U	0.22 U	0.22 U	0.22 U	1.1 U	0.24 U	2.2 U
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	0.072 J	0.089 J	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Butyl benzyl phthalate	85-68-7	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Caprolactam	105-60-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Carbazole	86-74-8	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.045 J	0.11 J	0.19 U	0.13 J	0.2 U	1.8 U
Chrysene	218-01-9	1	3.9	0.024 J	0.11 U	0.11 U	0.58 U	0.11 U	0.032 J	0.11 U	0.11 U	0.11 U	0.11	0.11 U	0.12 U	0.37	0.67	0.052 J	1	0.12 U	1.1 U
Di-n-butylphthalate	84-74-2	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Di-n-octylphthalate	117-84-0	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.11 U	0.11 U	0.11 U	0.58 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.022 J	0.11 U	0.12 U	0.058 J	0.08 J	0.11 U	0.12 J	0.12 U	1.1 U
Dibenzofuran	132-64-9	7	59	0.18 U	0.18 U	0.18 U	1.2	0.23	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.026 J	0.19 U	0.94 U	0.2 U	2.3
Diethyl phthalate	84-66-2	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Dimethyl phthalate	131-11-3	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Fluoranthene	206-44-0	100	100	0.056 J	0.11 U	0.11 U	0.13 J	0.11 U	0.061 J	0.11 U	0.11 U	0.11 U	0.17	0.11 U	0.12 U	0.7	1.8	0.08 J	1.5	0.032 J	1.1 U
Fluorene	86-73-7	30	100	0.18 U	0.18 U	0.18 U	3.1	0.52	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.02 J	0.056 J	0.19 U	0.94 U	0.42	3.8
Hexachlorobenzene	118-74-1	0.33	1.2	0.11 U	0.11 U	0.11 U	0.58 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U	0.11 U	0.12 U	0.11 U	0.11 U	0.11 U	0.57 U	0.12 U	1.1 U
Hexachlorobutadiene	87-68-3	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	0.51 U	0.51 U	0.53 U	2.7 U	0.52 U	0.51 U	0.53 U	0.54 U	0.54 U	0.5 U	0.53 U	0.56 U	0.51 U	0.51 U	0.53 U	2.7 U	0.56 U	5.2 U
Hexachloroethane	67-72-1	NS	NS	0.14 U	0.14 U	0.15 U	0.77 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.16 U	0.14 U	0.14 U	0.15 U	0.76 U	0.16 U	1.5 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.14 U	0.14 U	0.15 U	0.77 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.12 J	0.15 U	0.16 U	0.31	0.56	0.08 J	0.53 J	0.16 U	1.5 U
Isophorone	78-59-1	NS	NS	0.16 U	0.16 U	0.17 U	0.86 U	0.16 U	0.16 U	0.17 U	0.17 U	0.17 U	0.16 U	0.17 U	0.17 U	0.16 U	0.16 U	0.17 U	0.85 U	0.18 U	1.6 U
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Naphthalene	91-20-3	12	100	0.18 U	0.18 U	0.18 U	5.2	1.5	0.18 U	0.18 U	0.19 U	0.19 U	0.021 J	0.19 U	0.19 U	0.025 J	0.022 J	0.19 U	0.94 U	0.076 J	0.7 J
NDPA/DPA	86-30-6	NS	NS	0.14 U	0.14 U	0.15 U	0.77 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.16 U	0.14 U	0.14 U	0.15 U	0.76 U	0.16 U	1.5 U
Nitrobenzene	98-95-3	NS	NS	0.16 U	0.16 U	0.17 U	0.86 U	0.16 U	0.16 U	0.17 U	0.17 U	0.17 U	0.16 U	0.17 U	0.17 U	0.16 U	0.16 U	0.17 U	0.85 U	0.18 U	1.6 U
p-Chloro-m-cresol	59-50-7	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
N-Nitrosodimethylamine	62-75-9	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Pentachlorophenol	87-86-5	0.8	6.7	0.14 U	0.14 U	0.15 U	0.77 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.16 U	0.14 U	0.14 U	0.15 U	0.76 U	0.16 U	1.5 U
Phenanthrene	85-01-8	100	100	0.041 J	0.11 U	0.11 U	4.8	0.94	0.042 J	0.11 U	0.11 U	0.11 U	0.052 J	0.11 U	0.12 U	0.36	1.1	0.045 J	1.1	0.69	8.3
Phenol	108-95-2	0.33	100	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Pyrene	129-00-0	100	100	0.047 J	0.11 U	0.11 U	0.53 J	0.059 J	0.052 J	0.11 U	0.11 U	0.11 U	0.16	0.11 U	0.12 U	0.6	1.6	0.08 J	1.2	0.031 J	0.53 J
Pyridine	110-86-1	100	100	0.047 J	0.11 U	0.11 U	0.53 J	0.059 J	0.052 J	0.11 U	0.11 U	0.11 U	0.16	0.11 U	0.12 U	0.6	1.6	0.08 J	1.2	0.031 J	0.53 J

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Ob
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of Soil Cleanup Obje
NS - No standard
NT - Not tested
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrur
Blind duplicates: DUP001 = SB007 (3-5') and DUP002 = SB005 (0-2')
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 1
Soil SVOC Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID:				SB012		SB012		SB013		SB014		SB014		SB015		SB016		SB017		SB017		SB018		SB018		SB019		SB020		SB021		SB022		SB023		SB024		SB024		SB024	
Sample Depth:				6'-8'		8'-10'		6'-8'		2'-4'		4'-6'		10'-12'		10'-12'		3'-5'		5'-7'		3'-5'		5'-7'		17'-19'		8'-10'		13'-15'		8'-10'		8'-10'		5'-7'		13'-15'		15'-17'	
Sampling Date:				8/3/2022		8/3/2022		8/3/2022		8/3/2022		8/3/2022		8/3/2022		8/3/2022		8/3/2022		8/3/2022		8/3/2022		8/3/2022		8/3/2022		8/3/2022		8/3/2022		8/3/2022		8/3/2022		8/3/2022		8/3/2022		8/3/2022	
Lab Sample ID:				22H0308-02		22H0308-03		22H0308-04		22H0308-14		22H0308-15		22H0308-17		22H0308-16		22H0308-13		22H0306-03		22H0308-10		22H0308-11		22H0308-08		22H0308-09		22H0308-07		22H0308-06		22H0308-05		22H0308-01		22H0306-01		22H0306-02	
Semi Volatile Organic Compounds by EPA Method 8270 in mg/Kg																																							
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	0.0863	U	0.0874	U	0.0874	U	0.0936	U	0.0931	U	0.102	U	0.0926	U	0.0904	U	0.0950	U	0.0899	U	0.0899	U	0.0872	U	0.0975	U	0.0885	U	0.0916	U	0.0955	U	0.0931	U	0.0898	U	0.0871	U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
1,2-Diphenylhydrazine	122-66-7	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
1,3-Dichlorobenzene	541-73-1	2.4	49	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
1,4-Dichlorobenzene	106-46-7	1.8	13	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
1,4-Dioxane	123-91-1	0.1	13	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	0.0863	U	0.0874	U	0.0874	U	0.0936	U	0.0931	U	0.102	U	0.0926	U	0.0904	U	0.0950	U	0.0899	U	0.0899	U	0.0872	U	0.0975	U	0.0885	U	0.0916	U	0.0955	U	0.0931	U	0.0898	U	0.0871	U
2,4,5-Trichlorophenol	95-95-4	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
2,4,6-Trichlorophenol	88-06-2	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
2,4-Dichlorophenol	120-83-2	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
2,4-Dimethylphenol	105-67-9	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
2,4-Dinitrophenol	51-28-5	NS	NS	0.0863	U	0.0874	U	0.0874	U	0.0936	U	0.0931	U	0.102	U	0.0926	U	0.0904	U	0.0950	U	0.0899	U	0.0899	U	0.0872	U	0.0975	U	0.0885	U	0.0916	U	0.0955	U	0.0931	U	0.0898	U	0.0871	U
2,4-Dinitrotoluene	121-14-2	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
2,6-Dinitrotoluene	606-20-2	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
2-Chloronaphthalene	91-58-7	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.109	D	0.0489	U	0.479	D	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
2-Chlorophenol	95-57-8	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
2-Methylnaphthalene	91-57-6	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	19.200	D	0.0489	U	23.600	D	0.0459	U	0.0479	U	0.0466	U	16.200	D	2.390	D
2-Methylphenol	95-48-7	0.33	100	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
2-Nitroaniline	88-74-4	NS	NS	0.0863	U	0.0874	U	0.0874	U	0.0936	U	0.0931	U	0.102	U	0.0926	U	0.0904	U	0.0950	U	0.0899	U	0.0899	U	0.0872	U	0.0975	U	0.0885	U	0.0916	U	0.0955	U	0.0931	U	0.0898	U	0.0871	U
2-Nitrophenol	88-75-5	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	100	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
3-Nitroaniline	99-09-2	NS	NS	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
4,6-Dinitro-o-cresol	534-52-1	NS	NS	0.0863	U	0.0874	U	0.0874	U	0.0936	U	0.0931	U	0.102	U	0.0926	U	0.0904	U	0.0950	U	0.0899	U	0.0899	U	0.0872	U	0.0975	U	0.0885	U	0.0916	U	0.0955	U	0.0931	U	0.0898	U	0.0871	U
4-Bromophenyl phenyl ether	101-55-3	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
4-Chloroaniline	106-47-8	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
4-Nitroaniline	100-01-6	NS	NS	0.0863	U	0.0874	U	0.0874	U	0.0936	U	0.0931	U	0.102	U	0.0926	U	0.0904	U	0.0950	U	0.0899	U	0.0899	U	0.0872	U	0.0975	U	0.0885	U	0.0916	U	0.0955	U	0.0931	U	0.0898	U	0.0871	U
4-Nitrophenol	100-02-7	NS	NS	0.0863	U	0.0874	U	0.0874	U	0.0936	U	0.0931	U	0.102	U	0.0926	U	0.0904	U	0.0950	U	0.0899	U	0.0899	U	0.0872	U	0.0975	U	0.0885	U	0.0916	U	0.0955	U	0.0931	U	0.0898	U	0.0871	U
Acenaphthene	83-32-9	20	100	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	1.100	D	0.0489	U	0.827	D	0.0459	U	0.0479	U	0.324	D	1.270	D	0.143	D
Acenaphthylene	208-96-8	100	100	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.324	D	0.0489	U	0.434	D	0.0459	U	0.0479	U	0.142	D	0.0450	U	0.0437	U
Acetophenone	98-86-2	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Aniline	62-53-3	NS	NS	0.173	U	0.175	U	0.175	U	0.187	U	0.186	U	0.205	U	0.185	U	0.181	U	0.190	U	0.180	U	0.180	U	0.175	U	0.195	U	0.177	U	0.184	U	0.191	U	0.186	U	0.180	U	0.174	U
Anthracene	120-12-7	100	100	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.270	D	0.0489	U	0.381	D	0.0459	U	0.0479	U	0.263	D	0.634	D	0.0780	JD
Atrazine	1912-24-9	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Benzaldehyde	100-52-7	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Benzidine	92-87-5	NS	NS	0.173	U	0.175	U	0.175	U	0.187	U	0.186	U	0.205	U	0.185	U	0.181	U	0.190	U	0.180	U	0.180	U	0.175	U	0.195	U	0.177	U	0.184	U	0.191	U	0.186	U	0.180	U	0.174	U
Benzo(a)anthracene	56-55-3	1	1	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.168	D	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Benzo(a)pyrene	50-32-8	1	1	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0968	D	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Benzo(b)fluoranthene	205-99-2	1	1	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.133	D	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Benzo(ghi)perylene	191-24-2	100	100	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.105	D	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.120	D	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Benzoic Acid	65-85-0	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Benzyl Alcohol	100-51-6	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Biphenyl	92-52-4	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Bis(2-chloroethyl)ether	111-44-4	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Butyl benzyl phthalate	85-68-7	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Caprolactam	105-60-2	NS	NS	0.0863	U	0.0874	U	0.0874	U	0.0936	U	0.0931	U	0.102	U	0.0926	U	0.0904	U	0.0950	U	0.0899	U	0.0899	U	0.0872	U	0.0975	U	0.0885	U	0.0916	U	0.0955	U	0.0931	U	0.0898	U	0.0871	U
Carbazole	86-74-8	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.139	D	0.0489	U	0.0884	JD	0.0459	U	0.0479	U	0.0476	JD	0.116	D	0.0437	U
Chrysene	218-01-9	1	3.9	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.173	D	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Di-n-butylphthalate	84-74-2	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Di-n-octylphthalate	117-84-0	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Dibenzofuran	132-64-9	7	59	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	1.540	D	0.212	D
Diethyl phthalate	84-66-2	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Dimethyl phthalate	131-11-3	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Fluoranthene	206-44-0	100	100	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.199	D	0.0476	U	0.0661	JD	0.0451	U	0.0437	U	0.0489	U	0.0672	JD	0.0459	U	0.0479	U	0.109	D	0.0739	JD	0.0437	U
Fluorene	86-73-7	30	100	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	1.070	D	0.0489	U	1.770	D	0.0459	U	0.0479	U	0.594	D	1.970	D	0.284	D
Hexachlorobenzene	118-74-1	0.33	1.2	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Hexachlorobutadiene	87-68-3	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Hexachlorocyclopentadiene	77-47-4	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Hexachloroethane	67-72-1	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.111	D	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Isophorone	78-59-1	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Naphthalene	91-20-3	12	100	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	4.390	D	0.0489	U	6.300	D	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
NDPA/DPA	86-30-6	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Nitrobenzene	98-95-3	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
p-Chloro-m-cresol	59-50-7	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
N-Nitrosodimethylamine	62-75-9	NS	NS	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Pentachlorophenol	87-86-5	0.8	6.7	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0459	U	0.0479	U	0.0466	U	0.0450	U	0.0437	U
Phenanthrene	85-01-8	100	100	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0708	JD	0.0476	U	0.0568	JD	0.0451	U	2	D	0.0489	U	3.540	D	0.0459	U	0.0479	U	0.467	D	3.890	D	0.538	D
Phenol	108-95-2	0.33	100	0.0432	U	0.0438	U	0.0438	U	0.0469	U	0.0466	U	0.0513	U	0.0464	U	0.0453	U	0.0476	U	0.0450	U	0.0451	U	0.0437	U	0.0489	U	0.0443	U	0.0

Table 1
Soil SVOC Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	PDI001				PDI002		PDI003		PDI004		PDI005				PDI006					
Sample Depth:				3'	5'	7'	9'	11'	13'	11'	13'	11'	13'	3'	5'	7'	9'	1'	3'	5'	7'	9'	11'
Sampling Date:				2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023
Lab Sample ID:				L2307987-13	L2307987-14	L2307987-15	L2307987-16	L2307987-01	L2307987-02	L2307987-03	L2307987-04	L2307987-05	L2307987-06	L2307987-17	L2307987-18	L2307987-19	L2307987-20	L2307987-21	L2307987-22	L2307987-23	L2307987-24	L2307987-25	L2307987-30
Semi Volatile Organic Compounds by EPA Method 8270 in mg/Kg																							
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	541-73-1	2.4	49	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
1,4-Dichlorobenzene	106-46-7	1.8	13	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
1,4-Dioxane	123-91-1	0.1	13	0.03 U	0.03 U	0.03 U	0.03 U	0.026 U	0.027 U	0.027 U	0.026 U	0.027 U	0.028 U	0.03 U	0.03 U	0.15 U	0.14 U	0.028 U	0.028 U	0.033 U	0.028 U	0.028 U	0.029 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
2,4,5-Trichlorophenol	95-95-4	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	0.12 U	0.12 U	0.12 U	0.12 U	0.1 U	0.11 U	0.11 U	0.1 U	0.11 U	0.11 U	0.12 U	0.12 U	0.59 U	0.56 U	0.11 U	0.11 U	0.13 U	0.11 U	0.11 U	0.11 U
2,4-Dichlorophenol	120-83-2	NS	NS	0.18 U	0.18 U	0.18 U	0.18 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.18 U	0.18 U	0.88 U	0.84 U	0.17 U	0.16 U	0.2 U	0.17 U	0.17 U	0.17 U
2,4-Dimethylphenol	105-67-9	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
2,4-Dinitrophenol	51-28-5	NS	NS	0.98 U	0.96 U	0.96 U	0.97 U	0.83 U	0.86 U	0.87 U	0.84 U	0.88 U	0.88 U	0.97 U	0.96 U	4.7 U	4.5 U	0.9 U	0.88 U	1 U	0.91 U	0.9 U	0.92 U
2,4-Dinitrotoluene	121-14-2	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.38 J	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
2,6-Dinitrotoluene	606-20-2	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
2-Chloronaphthalene	91-58-7	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
2-Chlorophenol	95-57-8	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
2-Methylnaphthalene	91-57-6	NS	NS	0.032 J	0.24 U	0.25	0.24 U	0.21 U	0.22 U	0.22 U	0.21 U	0.22 U	0.22 U	0.32	0.68	0.25 J	1.1 U	0.22 U	0.14 J	0.26 U	0.11 J	0.027 J	0.23 U
2-Methylphenol	95-48-7	0.33	100	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
2-Nitroaniline	88-74-4	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
2-Nitrophenol	88-75-5	NS	NS	0.44 U	0.43 U	0.43 U	0.44 U	0.37 U	0.39 U	0.39 U	0.38 U	0.39 U	0.4 U	0.44 U	0.43 U	2.1 U	2 U	0.4 U	0.4 U	0.47 U	0.41 U	0.4 U	0.41 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	100	0.29 U	0.29 U	0.035 J	0.29 U	0.25 U	0.26 U	0.26 U	0.25 U	0.26 U	0.26 U	0.29 U	0.29 U	1.4 U	1.4 U	0.27 U	0.26 U	0.32 U	0.27 U	0.27 U	0.27 U
3-Nitroaniline	99-09-2	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
4,6-Dinitro-o-cresol	534-52-1	NS	NS	0.53 U	0.52 U	0.52 U	0.52 U	0.45 U	0.47 U	0.47 U	0.46 U	0.47 U	0.48 U	0.52 U	0.52 U	2.6 U	2.4 U	0.49 U	0.48 U	0.57 U	0.5 U	0.48 U	0.5 U
4-Bromophenyl phenyl ether	101-55-3	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
4-Chloroaniline	106-47-8	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
4-Nitroaniline	100-01-6	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
4-Nitrophenol	100-02-7	NS	NS	0.28 U	0.28 U	0.28 U	0.28 U	0.24 U	0.25 U	0.25 U	0.25 U	0.26 U	0.26 U	0.28 U	0.28 U	1.4 U	1.3 U	0.26 U	0.26 U	0.31 U	0.27 U	0.26 U	0.27 U
Acenaphthene	83-32-9	20	100	0.058 J	0.16 U	0.39	0.16 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.16 U	0.085 J	0.15 J	0.2 J	0.15 U	0.28	0.18 U	0.11 J	0.057 J	0.033 J
Acenaphthylene	208-96-8	100	100	0.048 J	0.16 U	0.2	0.16 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.032 J	0.16 U	0.19 J	0.75 U	0.052 J	0.2	0.18 U	0.087 J	0.15 U	0.15 U
Acetophenone	98-86-2	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.92 J	1.1	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
Aniline	62-53-3	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Anthracene	120-12-7	100	100	0.24	0.12 U	1.4	0.12 U	0.1 U	0.11 U	0.11 U	0.1 U	0.11 U	0.11 U	0.067 J	0.13	0.34 J	0.42 J	0.036 J	0.67	0.13 U	0.32	0.17	0.076 J
Atrazine	1912-24-9	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzaldehyde	100-52-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzidine	92-87-5	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene	56-55-3	1	1	0.62	0.12 U	2.9	0.12 U	0.1 U	0.11 U	0.11 U	0.1 U	0.11 U	0.11 U	0.077 J	0.22	0.63	0.78	0.12	1.3	0.079 J	0.42	0.32	0.2
Benzo(a)pyrene	50-32-8	1	1	0.58	0.16 U	2.7	0.16 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.07 J	0.17	0.5 J	0.66 J	0.11 J	0.98	0.062 J	0.28	0.3	0.21
Benzo(b)fluoranthene	205-99-2	1	1	0.68	0.12 U	3.2	0.12 U	0.1 U	0.11 U	0.11 U	0.1 U	0.11 U	0.11 U	0.085 J	0.21	0.66	0.85	0.14	1.2	0.067 J	0.3	0.34	0.25
Benzo(ghi)perylene	191-24-2	100	100	0.33	0.16 U	1.5	0.16 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.23	0.083 J	0.25 J	0.32 J	0.079 J	0.54	0.036 J	0.11 J	0.14 J	0.12 J
Benzo(k)fluoranthene	207-08-9	0.8	3.9	0.25	0.12 U	1	0.12 U	0.1 U	0.11 U	0.11 U	0.1 U	0.11 U	0.11 U	0.032 J	0.076 J	0.23 J	0.32 J	0.035 J	0.37	0.13 U	0.13	0.14	0.092 J
Benzoic Acid	65-85-0	NS	NS	0.66 U	0.65 U	0.65 U	0.65 U	0.56 U	0.58 U	0.58 U	0.57 U	0.59 U	0.6 U	0.66 U	0.64 U	3.2 U	3 U	0.61 U	0.59 U	0.71 U	0.62 U	0.6 U	0.62 U
Benzyl Alcohol	100-51-6	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
Biphenyl	92-52-4	NS	NS	0.46 U	0.46 U	0.066 J	0.46 U	0.4 U	0.41 U	0.41 U	0.4 U	0.42 U	0.42 U	0.078 J	0.45 U	2.2 U	2.1 U	0.43 U	0.041 J	0.5 U	0.43 U	0.42 U	0.44 U
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	0.22 U	0.22 U	0.22 U	0.22 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.2 U	0.22 U	0.22 U	1 U	1 U	0.2 U	0.2 U	0.24 U	0.2 U	0.2 U	0.21 U
Bis(2-chloroethyl)ether	111-44-4	NS	NS	0.18 U	0.18 U	0.18 U	0.18 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.18 U	0.18 U	0.88 U	0.84 U	0.17 U	0.16 U	0.2 U	0.17 U	0.17 U	0.17 U
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	0.24 U	0.24 U	0.24 U	0.24 U	0.21 U	0.22 U	0.22 U	0.21 U	0.22 U	0.22 U	0.24 U	0.24 U	1.2 U	1.1 U	0.22 U	0.22 U	0.26 U	0.23 U	0.22 U	0.23 U
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
Butyl benzyl phthalate	85-68-7	NS	NS	0.08 J	0.2 U	0.62	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
Caprolactam	105-60-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Carbazole	86-74-8	NS	NS	0.13 J	0.2 U	0.81	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.023 J	0.2 U	0.98 U	0.94 U	0.028 J	0.29	0.22 U	0.14 J	0.087 J	0.032 J
Chrysene	218-01-9	1	3.9	0.6	0.12 U	2.8	0.12 U	0.1 U	0.11 U	0.11 U	0.1 U	0.11 U	0.11 U	0.077 J	0.21	0.62	0.77	0.12	1.2	0.074 J	0.38	0.3	0.21
Di-n-butylphthalate	84-74-2	NS	NS	0.2 U	0.2 U	0.041 J	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
Di-n-octylphthalate	117-84-0	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.081 J	0.12 U	0.36	0.12 U	0.1 U	0.11 U	0.11 U	0.1 U	0.11 U	0.11 U	0.12 U	0.12 U	0.59 U	0.56 U	0.11 U	0.15	0.13 U	0.038 J	0.043 J	0.032 J
Dibenzofuran	132-64-9	7	59	0.064 J	0.2 U	0.5	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.029 J	0.2 U	0.18 J	0.21 J	0.19 U	0.25	0.22 U	0.16 J	0.063 J	0.024 J
Diethyl phthalate	84-66-2	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
Dimethyl phthalate	131-11-3	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
Fluoranthene	206-44-0	100	100	1.5	0.12 U	7.4	0.12 U	0.1 U	0.11 U	0.11 U	0.1 U	0.11 U	0.11 U	0.16	0.57	1.4	1.8	0.24	3.2	0.17	0.92	0.78	0.49
Fluorene	86-73-7	30	100	0.093 J	0.2 U	0.61	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.18 J	0.48 J	0.6 J	0.027 J	0.3	0.22 U	0.17 J	0.081 J	0.03 J
Hexachlorobenzene	118-74-1	0.33	1.2	0.12 U	0.12 U	0.12 U	0.12 U	0.1 U	0.11 U	0.11 U	0.1 U	0.11 U	0.11 U	0.12 U	0.12 U	0.59 U	0.56 U	0.11 U	0.11 U	0.13 U	0.11 U	0.11 U	0.11 U
Hexachlorobutadiene	87-68-3	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	0.58 U	0.57 U	0.57 U	0.58 U	0.5 U	0.52 U	0.52 U	0.5 U	0.52 U	0.53 U	0.58 U	0.57 U	2.8 U	2.7 U	0.54 U	0.52 U	0.63 U	0.54 U	0.53 U	0.55 U
Hexachloroethane	67-72-1	NS	NS	0.16 U	0.16 U	0.16 U	0.16 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.16 U	0.16 U	0.78 U	0.75 U	0.15 U	0.15 U	0.18 U	0.15 U	0.15 U	0.15 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.38	0.16 U	1.7	0.16 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.2	0.096 J	0.29 J	0.38 J	0.08 J	0.6	0.035 J	0.14 J	0.17	0.13 J
Isophorone	78-59-1	NS	NS	0.18 U	0.18 U	0.18 U	0.18 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.18 U	0.18 U	0.88 U	0.84 U	0.17 U	0.16 U	0.2 U	0.17 U	0.17 U	0.17 U
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
Naphthalene	91-20-3	12	100	0.044 J	0.2 U	0.43	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.23	0.14 J	0.25	0.24 J	0.13 J	0.031 J	0.28	0.22 U	0.28	0.034 J	0.19 U
NDPA/DPA	86-30-6	NS	NS	0.16 U	0.16 U	0.16 U	0.16 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.16 U	0.16 U	0.78 U	0.75 U	0.15 U	0.15 U	0.18 U	0.15 U	0.15 U	0.15 U
Nitrobenzene	98-95-3	NS	NS	0.18 U	0.18 U	0.18 U	0.18 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.18 U	0.18 U	0.88 U	0.84 U	0.17 U	0.16 U	0.2 U	0.17 U	0.17 U	0.17 U
p-Chloro-m-cresol	59-50-7	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
N-Nitrosodimethylamine	62-75-9	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Pentachlorophenol	87-86-5	0.8	6.7	0.16 U	0.16 U	0.16 U	0.16 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.16 U	0.16 U	0.78 U	0.75 U	0.15 U	0.15 U	0.18 U	0.15 U	0.15 U	0.15 U
Phenanthrene	85-01-8	100	100	1	0.12 U	6	0.12 U	0.1 U	0.11 U	0.11 U	0.1 U	0.11 U	0.11 U	0.16	0.67	1.8	2.3	0.14	3.1	0.15	1.2	0.77	0.34
Phenol	108-95-2	0.33	100	0.2 U	0.2 U	0.2 U	0.2 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.2 U	0.2 U	0.98 U	0.94 U	0.19 U	0.18 U	0.22 U	0.19 U	0.19 U	0.19 U
Pyrene	129-00-0	100	100	1.2	0.12 U	5.8	0.12 U	0.1 U	0.11 U	0.11 U	0.1 U	0.11 U	0.11 U	0.12	0.5	1.2	1.6	0.21	2.6	0.14	0.72	0.6	0.39
Pyridine	110-86-1	100	100	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Ob
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of Soil Cleanup Obje
NS - No standard
NT - Not tested
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrur
Blind duplicates: DUP001 = SB007 (3-5') and DUP002 = SB005 (0-2')
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 1
Soil SVOC Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID:		NYSDEC SCOs	NYSDEC SCOs	PDI007			PDI008		PDI009			PDI010		PDI011			PDI012			PDI013			PDI014			PDI015		
Sample Depth:	CAS Number	Unrestricted Use	Restricted Residential	1'	1'	3'	1'	3'	1'	1'	3'	1'	3'	1'	3'	5'	1'	3'	5'	1'	3'	5'	1'	3'	5'	1'	3'	5'
Sampling Date:		(1)	Use (2)	2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/14/2023	2/14/2023	2/14/2023	2/15/2023	2/15/2023	2/15/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023
Lab Sample ID:				L2308197-15	L2308197-15 R1	L2308197-16	L2308197-17	L2308197-18	L2308197-19	L2308197-19 R1	L2308197-20	L2308197-21	L2308197-22	L2307987-26	L2307987-27	L2307987-28	L2308197-01	L2308197-02	L2308197-03	L2308471-01	L2308471-02	L2308471-03	L2308471-04	L2308471-05	L2308471-06	L2308471-07	L2308471-08	L2308471-09
Semi Volatile Organic Compounds by EPA Method 8270 in mg/Kg																												
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	541-73-1	2.4	49	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
1,4-Dichlorobenzene	106-46-7	1.8	13	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
1,4-Dioxane	123-91-1	0.1	13	0.14 U	0.14 U	0.031 U	0.056 U	0.03 U	0.13 U	0.13 U	0.028 U	0.27 U	0.029 U	0.027 U	0.027 U	0.029 U	0.052 U	0.026 U	0.027 U	0.027 U	0.028 U	0.033 U	0.027 U	0.029 U	0.028 U	0.026 U	0.03 U	0.028 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
2,4,5-Trichlorophenol	95-95-4	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	0.54 U	0.55 U	0.12 U	0.22 U	0.12 U	0.53 U	0.52 U	0.11 U	1.1 U	0.11 U	0.11 U	0.11 U	0.11 U	0.21 U	0.11 U	0.11 U	0.11 U	0.11 U	0.13 U	0.11 U	0.12 U	0.11 U	0.1 U	0.12 U	0.11 U
2,4-Dichlorophenol	120-83-2	NS	NS	0.81 U	0.82 U	0.19 U	0.33 U	0.18 U	0.79 U	0.78 U	0.17 U	1.6 U	0.17 U	0.16 U	0.16 U	0.17 U	0.31 U	0.16 U	0.16 U	0.16 U	0.17 U	0.2 U	0.16 U	0.18 U	0.17 U	0.16 U	0.18 U	0.17 U
2,4-Dimethylphenol	105-67-9	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
2,4-Dinitrophenol	51-28-5	NS	NS	4.3 U	4.4 U	0.99 U	1.8 U	0.95 U	4.2 U	4.2 U	0.91 U	8.5 U	0.92 U	0.86 U	0.88 U	0.92 U	1.7 U	0.85 U	0.86 U	0.87 U	0.89 U	1 U	0.86 U	0.94 U	0.9 U	0.85 U	0.96 U	0.89 U
2,4-Dinitrotoluene	121-14-2	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
2,6-Dinitrotoluene	606-20-2	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
2-Chloronaphthalene	91-58-7	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
2-Chlorophenol	95-57-8	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
2-Methylnaphthalene	91-57-6	NS	NS	1.1 U	1.1 U	0.25 U	0.058 J	0.24 U	1 U	1 U	0.23 U	2.1 U	0.028 J	0.22 U	0.22 U	0.23 U	0.71	0.21 U	0.21 U	0.042 J	0.18 J	0.26 U	0.21 U	0.23 U	0.22 U	0.21 U	0.24 U	0.22 U
2-Methylphenol	95-48-7	0.33	100	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
2-Nitroaniline	88-74-4	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
2-Nitrophenol	88-75-5	NS	NS	2 U	2 U	0.45 U	0.8 U	0.43 U	1.9 U	1.9 U	0.41 U	3.8 U	0.41 U	0.39 U	0.4 U	0.41 U	0.75 U	0.38 U	0.38 U	0.39 U	0.4 U	0.47 U	0.39 U	0.42 U	0.4 U	0.38 U	0.43 U	0.4 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	100	1.3 U	1.3 U	0.3 U	0.54 U	0.29 U	1.3 U	1.2 U	0.27 U	2.6 U	0.28 U	0.26 U	0.26 U	0.28 U	0.5 U	0.25 U	0.26 U	0.26 U	0.27 U	0.31 U	0.26 U	0.28 U	0.27 U	0.25 U	0.29 U	0.27 U
3-Nitroaniline	99-09-2	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
4,6-Dinitro-o-cresol	534-52-1	NS	NS	2.3 U	2.4 U	0.54 U	0.97 U	0.52 U	2.3 U	2.3 U	0.49 U	4.6 U	0.5 U	0.47 U	0.48 U	0.5 U	0.91 U	0.46 U	0.46 U	0.47 U	0.48 U	0.57 U	0.46 U	0.51 U	0.49 U	0.46 U	0.52 U	0.48 U
4-Bromophenyl phenyl ether	101-55-3	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
4-Chloroaniline	106-47-8	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
4-Nitroaniline	100-01-6	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
4-Nitrophenol	100-02-7	NS	NS	1.3 U	1.3 U	0.29 U	0.52 U	0.28 U	1.2 U	1.2 U	0.26 U	2.5 U	0.27 U	0.25 U	0.26 U	0.27 U	0.49 U	0.25 U	0.25 U	0.26 U	0.26 U	0.3 U	0.25 U	0.27 U	0.26 U	0.25 U	0.28 U	0.26 U
Acenaphthene	83-32-9	20	100	0.72 U	0.73 U	0.16 U	0.25 J	0.16 U	0.7 U	0.7 U	0.15 U	0.47 J	0.054 J	0.022 J	0.15 U	0.15 U	0.68	0.14 U	0.14 U	0.054 J	0.035 J	0.027 J	0.023 J	0.16 U	0.15 U	0.14 U	0.16 U	0.15 U
Acenaphthylene	208-96-8	100	100	0.72 U	0.73 U	0.16 U	0.31	0.16 U	0.7 U	0.7 U	0.15 U	0.31 J	0.15 U	0.14 U	0.15 U	0.15 U	0.087 J	0.14 U	0.14 U	0.032 J	0.15 U	0.17 U	0.14 U	0.16 U	0.15 U	0.049 J	0.16 U	0.15 U
Acetophenone	98-86-2	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
Aniline	62-53-3	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Anthracene	120-12-7	100	100	0.54 U	0.19 J	0.12 U	0.94	0.12 U	0.53 U	0.52 U	0.11 U	1 J	0.16	0.06 J	0.11 U	0.11 U	0.97	0.11 U	0.11 U	0.13	0.06 J	0.07 J	0.12	0.12 U	0.11 U	0.046 J	0.12 U	0.11 U
Atrazine	1912-24-9	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzaldehyde	100-52-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzidine	92-87-5	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene	56-55-3	1	1	0.65	0.65	0.084 J	2.4	0.028 J	0.35 J	0.42 J	0.11 U	4	0.28	0.22	0.11 U	0.11 U	1.2	0.031 J	0.11 U	0.36	0.17	0.35	0.58	0.12 U	0.11 U	0.22	0.064 J	0.11 U
Benzo(a)pyrene	50-32-8	1	1	0.82	0.83	0.089 J	3.4	0.06 J	0.28 J	0.36 J	0.15 U	4.2	0.25	0.23	0.15 U	0.15 U	1	0.14 U	0.14 U	0.36	0.17	0.41	0.58	0.16 U	0.15 U	0.25	0.1 J	0.15 U
Benzo(b)fluoranthene	205-99-2	1	1	0.82	0.9	0.074 J	3.6	0.048 J	0.62	0.79	0.11 U	6.5	0.3	0.35	0.11 U	0.11 U	1.4	0.11 U	0.11 U	0.46	0.25	0.45	0.93	0.12 U	0.11 U	0.31	0.13	0.11 U
Benzo(ghi)perylene	191-24-2	100	100	0.45 J	0.52 J	0.069 J	1.6	0.24	0.22 J	0.3 J	0.15 U	2.8	0.12 J	0.18	0.15 U	0.15 U	0.62	0.14 U	0.14 U	0.26	0.1 J	0.21	0.38	0.16 U	0.15 U	0.14	0.06 J	0.15 U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	0.5 J	0.41 J	0.051 J	1.4	0.12 U	0.22 J	0.24 J	0.11 U	1.8	0.11	0.097 J	0.11 U	0.11 U	0.43	0.11 U	0.11 U	0.14	0.094 J	0.18	0.3	0.12 U	0.11 U	0.11	0.052 J	0.11 U
Benzoic Acid	65-85-0	NS	NS	2.9 U	3 U	0.67 U	1.2 U	0.64 U	2.8 U	2.8 U	0.61 U	5.8 U	0.62 U	0.58 U	0.59 U	0.62 U	1.1 U	0.57 U	0.58 U	0.59 U	0.6 U	0.71 U	0.58 U	0.63 U	0.61 U	0.57 U	0.65 U	0.6 U
Benzyl Alcohol	100-51-6	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
Biphenyl	92-52-4	NS	NS	2 U	2.1 U	0.47 U	0.85 U	0.45 U	2 U	2 U	0.43 U	4 U	0.44 U	0.41 U	0.42 U	0.44 U	0.16 J	0.4 U	0.41 U	0.42 U	0.42 U	0.5 U	0.41 U	0.45 U	0.43 U	0.4 U	0.46 U	0.42 U
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	0.98 U	0.99 U	0.22 U	0.4 U	0.21 U	0.95 U	0.94 U	0.2 U	1.9 U	0.21 U	0.19 U	0.2 U	0.21 U	0.38 U	0.19 U	0.19 U	0.2 U	0.2 U	0.24 U	0.19 U	0.21 U	0.2 U	0.19 U	0.22 U	0.2 U
Bis(2-chloroethyl)ether	111-44-4	NS	NS	0.81 U	0.82 U	0.19 U	0.33 U	0.18 U	0.79 U	0.78 U	0.17 U	1.6 U	0.17 U	0.16 U	0.16 U	0.17 U	0.31 U	0.16 U	0.16 U	0.16 U	0.17 U	0.2 U	0.16 U	0.18 U	0.17 U	0.16 U	0.18 U	0.17 U
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	1.1 U	1.1 U	0.25 U	0.45 U	0.24 U	1 U	1 U	0.23 U	2.1 U	0.23 U	0.22 U	0.22 U	0.23 U	0.42 U	0.21 U	0.21 U	0.22 U	0.22 U	0.26 U	0.21 U	0.23 U	0.22 U	0.21 U	0.24 U	0.22 U
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.09 J	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
Butyl benzyl phthalate	85-68-7	NS	NS	0.9 U	0.75 J	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
Caprolactam	105-60-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Carbazole	86-74-8	NS	NS	0.9 U	0.1 J	0.21 U	0.34 J	0.2 U	0.88 U	0.87 U	0.19 U	1 J	0.096 J	0.058 J	0.18 U	0.19 U	0.51	0.18 U	0.18 U	0.056 J	0.024 J	0.22 U	0.11 J	0.2 U	0.19 U	0.02 J	0.2 U	0.18 U
Chrysene	218-01-9	1	3.9	0.75	0.65	0.088 J	2.5	0.03 J	0.56	0.74	0.11 U	5	0.25	0.3	0.11 U	0.11 U	1.3	0.028 J	0.11 U	0.46	0.23	0.39	0.79	0.12 U	0.11 U	0.24	0.067 J	0.11 U
Di-n-butylphthalate	84-74-2	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
Di-n-octylphthalate	117-84-0	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.15 J	0.12 J	0.12 U	0.4	0.038 J	0.53 U	0.52 U	0.11 U	0.61 J	0.032 J	0.035 J	0.11 U	0.11 U	0.14 J	0.11 U	0.11 U	0.081 J	0.023 J	0.048 J	0.086 J	0.12 U	0.11 U	0.033 J	0.12 U	0.11 U
Dibenzofuran	132-64-9	7	59	0.9 U	0.92 U	0.21 U	0.14 J	0.2 U	0.88 U	0.87 U	0.19 U	0.34 J	0.064 J	0.18 U	0.18 U	0.19 U	0.61	0.18 U	0.18 U	0.051 J	0.024 J	0.021 J	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
Diethyl phthalate	84-66-2	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
Dimethyl phthalate	131-11-3	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
Fluoranthene	206-44-0	100	100	1.3	1.4	0.17	5.5	0.05 J	1.2	1.4	0.11 U	10	0.66	0.6	0.11 U	0.11 U	3.5	0.054 J	0.11 U	0.86	0.43	0.29	1.4	0.12 U	0.11 U	0.37	0.08 J	0.11 U
Fluorene	86-73-7	30	100	0.9 U	0.92 U	0.21 U	0.22 J	0.2 U	0.88 U	0.87 U	0.19 U	0.42 J	0.074 J	0.024 J	0.18 U	0.19 U	0.63	0.18 U	0.18 U	0.056 J	0.025 J	0.22 U	0.029 J	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
Hexachlorobenzene	118-74-1	0.33	1.2	0.54 U	0.55 U	0.12 U	0.22 U	0.12 U	0.53 U	0.52 U	0.11 U	1.1 U	0.11 U	0.11 U	0.11 U	0.11 U	0.21 U	0.11 U	0.11 U	0.11 U	0.11 U	0.13 U	0.11 U	0.12 U	0.11 U	0.1 U	0.12 U	0.11 U
Hexachlorobutadiene	87-68-3	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	2.6 U	2.6 U	0.59 U	1.1 U	0.57 U	2.5 U	2.5 U	0.54 U	5.1 U	0.55 U	0.51 U	0.52 U	0.55 U	1 U	0.51 U	0.51 U	0.52 U	0.53 U	0.62 U	0.51 U	0.56 U	0.54 U	0.5 U	0.57 U	0.53 U
Hexachloroethane	67-72-1	NS	NS	0.72 U	0.73 U	0.16 U	0.3 U	0.16 U	0.7 U	0.7 U	0.15 U	1.4 U	0.15 U	0.14 U	0.15 U	0.15 U	0.28 U	0.14 U	0.14 U	0.14 U	0.15 U	0.17 U	0.14 U	0.16 U	0.15 U	0.14 U	0.16 U	0.15 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.33 J	0.56 J	0.047 J	1.4	0.17	0.26 J	0.33 J	0.15 U	3.1	0.14 J	0.19	0.15 U	0.15 U	0.57	0.14 U	0.14 U	0.23	0.11 J	0.24	0.44	0.16 U	0.15 U	0.16	0.073 J	0.15 U
Isophorone	78-59-1	NS	NS	0.81 U	0.82 U	0.19 U	0.33 U	0.18 U	0.79 U	0.78 U	0.17 U	1.6 U	0.17 U	0.16 U	0.16 U	0.17 U	0.31 U	0.16 U	0.16 U	0.16 U	0.17 U	0.2 U	0.16 U	0.18 U	0.17 U	0.16 U	0.18 U	0.17 U
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
Naphthalene	91-20-3	12	100	0.9 U	0.92 U	0.21 U	0.19 J	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.042 J	0.18 U	0.18 U	0.19 U	0.14 J	0.18 U	0.18 U	0.065 J	0.12 J	0.22 U	0.042 J	0.026 J	0.19 U	0.033 J	0.2 U	0.18 U
NDPA/DPA	86-30-6	NS	NS	0.72 U	0.73 U	0.16 U	0.3 U	0.16 U	0.7 U	0.7 U	0.15 U	1.4 U	0.15 U	0.14 U	0.15 U	0.15 U	0.28 U	0.14 U	0.14 U	0.14 U	0.15 U	0.17 U	0.14 U	0.16 U	0.15 U	0.14 U	0.16 U	0.15 U
Nitrobenzene	98-95-3	NS	NS	0.81 U	0.82 U	0.19 U	0.33 U	0.18 U	0.79 U	0.78 U	0.17 U	1.6 U	0.17 U	0.16 U	0.16 U	0.17 U	0.31 U	0.16 U	0.16 U	0.16 U	0.17 U	0.2 U	0.16 U	0.18 U	0.17 U	0.16 U	0.18 U	0.17 U
p-Chloro-m-cresol	59-50-7	NS	NS	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
N-Nitrosodimethylamine	62-75-9	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Pentachlorophenol	87-86-5	0.8	6.7	0.72 U	0.73 U	0.16 U	0.3 U	0.16 U	0.7 U	0.7 U	0.15 U	1.4 U	0.15 U	0.14 U	0.15 U	0.15 U	0.28 U	0.14 U	0.14 U	0.14 U	0.15 U	0.17 U	0.14 U	0.16 U	0.15 U	0.14 U	0.16 U	0.15 U
Phenanthrene	85-01-8	100	100	0.64	0.82	0.14	2.6	0.04 J	0.75	0.88	0.11 U	6	0.69	0.32	0.11 U	0.11 U	3.7	0.039 J	0.11 U	0.77	0.29	0.21	0.57	0.12 U	0.11 U	0.16	0.043 J	0.11 U
Phenol	108-95-2	0.33	100	0.9 U	0.92 U	0.21 U	0.37 U	0.2 U	0.88 U	0.87 U	0.19 U	1.8 U	0.19 U	0.18 U	0.18 U	0.19 U	0.35 U	0.18 U	0.18 U	0.18 U	0.19 U	0.22 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U
Pyrene	129-00-0	100	100	1.1	1.1	0.15	5.9	0.046 J	0.89	1.1	0.11 U	7.8	0.5	0.49	0.11 U	0.11 U	3	0.045 J	0.11 U	0.75	0.36	0.3	1.2	0.12 U	0.11 U	0.33	0.077 J	0.11 U
Pyridine	110-86-1	100	100	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Ob
(2) NYSDEC 6

Table 1
Soil SVOC Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	PDI016				PDI017			PDI018			PDI019		PDI020		PDI021		PDI022			PDI023			
Sample Depth:				1'	3'	5'	5'	1'	3'	5'	1'	3'	5'	1'	3'	1'	3'	1'	3'	1'	3'	5'	1'	1'	3'	5'
Sampling Date:				2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023
Lab Sample ID:				L2308471-14	L2308471-15	L2308471-16	L2308471-16 R1	L2308471-17	L2308471-18	L2308471-19	L2308197-12	L2308197-13	L2308197-14	L2308197-10	L2308197-11	L2308197-08	L2308197-09	L2308197-04	L2308197-05	L2308471-20	L2308471-21	L2308471-22	L2308471-23	L2308471-23 R1	L2308471-24	L2308471-25
Semi Volatile Organic Compounds by EPA Method 8270 in mg/Kg																										
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	541-73-1	2.4	49	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
1,4-Dioxane	123-91-1	0.1	13	0.26 U	0.027 U	0.033 U	0.033 U	0.13 U	0.027 U	0.076 U	0.054 U	0.027 U	0.029 U	0.053 U	0.028 U	0.055 U	0.027 U	0.027 U	0.029 U	0.032 U	0.026 U	0.027 U	0.031 U	0.031 U	0.029 U	0.029 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
2,4,5-Trichlorophenol	95-95-4	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	1 U	0.11 U	0.13 U	0.13 U	0.52 U	0.11 U	0.3 U	0.22 U	0.11 U	0.12 U	0.21 U	0.11 U	0.22 U	0.11 U	0.11 U	0.11 U	0.13 U	0.11 U	0.11 U	0.12 U	0.12 U	0.12 U	0.12 U
2,4-Dichlorophenol	120-83-2	NS	NS	1.6 U	0.16 U	0.2 U	0.2 U	0.78 U	0.16 U	0.46 U	0.33 U	0.16 U	0.17 U	0.32 U	0.17 U	0.33 U	0.16 U	0.16 U	0.17 U	0.19 U	0.16 U	0.16 U	0.18 U	0.19 U	0.18 U	0.17 U
2,4-Dimethylphenol	105-67-9	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
2,4-Dinitrophenol	51-28-5	NS	NS	8.3 U	0.87 U	1.1 U	1 U	4.2 U	0.88 U	2.4 U	1.7 U	0.86 U	0.92 U	1.7 U	0.89 U	1.8 U	0.88 U	0.88 U	0.92 U	1 U	0.85 U	0.87 U	0.99 U	1 U	0.94 U	0.93 U
2,4-Dinitrotoluene	121-14-2	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
2,6-Dinitrotoluene	606-20-2	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
2-Chloronaphthalene	91-58-7	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
2-Chlorophenol	95-57-8	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
2-Methylnaphthalene	91-57-6	NS	NS	2.1 U	0.027 J	0.26 U	0.26 U	0.12 J	0.22 U	0.61 U	0.13 J	0.22 U	0.23 U	0.35 J	0.22 U	0.21 J	0.22 U	0.22 U	0.23 U	0.26 U	0.074 J	0.22 U	0.19 J	0.25 U	0.24 U	0.23 U
2-Methylphenol	95-48-7	0.33	100	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
2-Nitroaniline	88-74-4	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
2-Nitrophenol	88-75-5	NS	NS	3.8 U	0.39 U	0.48 U	0.47 U	1.9 U	0.4 U	1.1 U	0.78 U	0.39 U	0.41 U	0.77 U	0.4 U	0.79 U	0.4 U	0.4 U	0.41 U	0.46 U	0.38 U	0.39 U	0.44 U	0.45 U	0.42 U	0.42 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	100	2.5 U	0.26 U	0.32 U	0.32 U	1.2 U	0.26 U	0.73 U	0.52 U	0.26 U	0.28 U	0.51 U	0.27 U	0.52 U	0.26 U	0.26 U	0.27 U	0.31 U	0.25 U	0.26 U	0.3 U	0.3 U	0.28 U	0.28 U
3-Nitroaniline	99-09-2	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
4,6-Dinitro-o-cresol	534-52-1	NS	NS	4.5 U	0.47 U	0.58 U	0.57 U	2.2 U	0.48 U	1.3 U	0.94 U	0.47 U	0.5 U	0.92 U	0.48 U	0.95 U	0.48 U	0.48 U	0.5 U	0.56 U	0.46 U	0.47 U	0.54 U	0.54 U	0.51 U	0.5 U
4-Bromophenyl phenyl ether	101-55-3	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
4-Chloroaniline	106-47-8	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
4-Nitroaniline	100-01-6	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
4-Nitrophenol	100-02-7	NS	NS	2.4 U	0.25 U	0.31 U	0.31 U	1.2 U	0.26 U	0.71 U	0.51 U	0.25 U	0.27 U	0.5 U	0.26 U	0.51 U	0.26 U	0.26 U	0.27 U	0.3 U	0.25 U	0.25 U	0.29 U	0.29 U	0.28 U	0.27 U
Acenaphthene	83-32-9	20	100	0.23 J	0.2	0.18 U	0.18 U	0.1 J	0.15 U	0.41 U	0.14 J	0.14 U	0.15 U	0.62	0.15 U	0.096 J	0.15 U	0.15 U	0.15 U	0.17 U	0.14 U	0.14 U	0.13 J	0.17 U	0.16 U	0.16 U
Acenaphthylene	208-96-8	100	100	1.4 U	0.14 U	0.18 U	0.18 U	0.69 U	0.15 U	0.41 U	0.18 J	0.14 U	0.15 U	0.055 J	0.15 U	0.09 J	0.15 U	0.15 U	0.15 U	0.17 U	0.14 U	0.14 U	0.16 U	0.17 U	0.16 U	0.16 U
Acetophenone	98-86-2	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
Aniline	62-53-3	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Anthracene	120-12-7	100	100	0.43 J	0.71	0.13 U	0.13 U	0.52 U	0.11 U	0.3 U	0.4	0.11 U	0.12 U	1.2	0.11 U	0.23	0.11 U	0.11 U	0.11 U	0.051 J	0.15	0.11 U	0.27	0.12 U	0.12 U	0.12 U
Atrazine	1912-24-9	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzaldehyde	100-52-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzidine	92-87-5	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene	56-55-3	1	1	1.2	1.3	0.13 U	0.13 U	0.48 J	0.11 U	0.066 J	1.1	0.11 U	0.12 U	4.1	0.11 U	0.51	0.038 J	0.11 U	0.11 U	0.19	0.26	0.11 U	0.42	0.037 J	0.12 U	0.12 U
Benzo(a)pyrene	50-32-8	1	1	1.1 J	1.3	0.18 U	0.18 U	0.41 J	0.15 U	0.41 U	1.3	0.14 U	0.15 U	4.6	0.15 U	0.55	0.15 U	0.15 U	0.15 U	0.29	0.3	0.14 U	0.46	0.17 U	0.16 U	0.16 U
Benzo(b)fluoranthene	205-99-2	1	1	1.8	1.5	0.13 U	0.13 U	0.69	0.11 U	0.086 J	1.6	0.11 U	0.12 U	6.4	0.11 U	0.58	0.048 J	0.11 U	0.11 U	0.34	0.36	0.11 U	0.61	0.051 J	0.12 U	0.12 U
Benzo(ghi)perylene	191-24-2	100	100	0.67 J	0.67	0.18 U	0.18 U	0.25 J	0.15 U	0.41 U	0.64	0.11 J	0.15 U	2.6	0.31	0.41	0.046 J	0.15 U	0.15 U	0.19	0.2	0.14 U	0.27	0.036 J	0.16 U	0.16 U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	0.62 J	0.49	0.13 U	0.13 U	0.24 J	0.11 U	0.3 U	0.58	0.11 U	0.12 U	2.2	0.11 U	0.29	0.11 U	0.11 U	0.11 U	0.12 J	0.12	0.11 U	0.2	0.12 U	0.12 U	0.12 U
Benzoic Acid	65-85-0	NS	NS	5.6 U	0.59 U	0.72 U	0.71 U	2.8 U	0.59 U	1.6 U	1.2 U	0.58 U	0.62 U	1.2 U	0.6 U	1.2 U	0.59 U	0.59 U	0.62 U	0.69 U	0.57 U	0.59 U	0.67 U	0.67 U	0.64 U	0.63 U
Benzyl Alcohol	100-51-6	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
Biphenyl	92-52-4	NS	NS	4 U	0.41 U	0.5 U	0.5 U	2 U	0.42 U	1.2 U	0.83 U	0.41 U	0.44 U	0.077 J	0.42 U	0.83 U	0.42 U	0.42 U	0.44 U	0.49 U	0.4 U	0.41 U	0.042 J	0.47 U	0.45 U	0.44 U
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	1.9 U	0.2 U	0.24 U	0.24 U	0.93 U	0.2 U	0.55 U	0.39 U	0.19 U	0.21 U	0.38 U	0.2 U	0.39 U	0.2 U	0.2 U	0.21 U	0.23 U	0.19 U	0.2 U	0.22 U	0.22 U	0.21 U	0.21 U
Bis(2-chloroethyl)ether	111-44-4	NS	NS	1.6 U	0.16 U	0.2 U	0.2 U	0.78 U	0.16 U	0.46 U	0.33 U	0.16 U	0.17 U	0.32 U	0.17 U	0.33 U	0.16 U	0.16 U	0.17 U	0.19 U	0.16 U	0.16 U	0.18 U	0.19 U	0.18 U	0.17 U
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	2.1 U	0.22 U	0.26 U	0.26 U	1 U	0.22 U	0.61 U	0.44 U	0.22 U	0.23 U	0.43 U	0.22 U	0.44 U	0.22 U	0.22 U	0.23 U	0.26 U	0.21 U	0.22 U	0.25 U	0.25 U	0.24 U	0.23 U
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.34 J	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
Butyl benzyl phthalate	85-68-7	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
Caprolactam	105-60-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Carbazole	86-74-8	NS	NS	0.59 J	0.14 J	0.22 U	0.22 U	0.13 J	0.18 U	0.51 U	0.12 J	0.18 U	0.19 U	1.8	0.18 U	0.088 J	0.18 U	0.18 U	0.19 U	0.051 J	0.054 J	0.18 U	0.23	0.21 U	0.2 U	0.19 U
Chrysene	218-01-9	1	3.9	1.8	1.3	0.13 U	0.13 U	0.71	0.11 U	0.064 J	1.1	0.11 U	0.12 U	5.7	0.11 U	0.52	0.038 J	0.11 U	0.11 U	0.22	0.28	0.019 J	0.46	0.049 J	0.12 U	0.12 U
Di-n-butylphthalate	84-74-2	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
Di-n-octylphthalate	117-84-0	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1 U	0.17	0.13 U	0.13 U	0.52 U	0.11 U	0.3 U	0.15 J	0.11 U	0.12 U	0.62	0.044 J	0.094 J	0.11 U	0.11 U	0.11 U	0.052 J	0.11 U	0.11 U	0.069 J	0.12 U	0.12 U	0.12 U
Dibenzofuran	132-64-9	7	59	0.16 J	0.1 J	0.22 U	0.22 U	0.1 J	0.18 U	0.51 U	0.092 J	0.18 U	0.19 U	0.41	0.18 U	0.049 J	0.18 U	0.18 U	0.19 U	0.21 U	0.045 J	0.18 U	0.23	0.21 U	0.2 U	0.19 U
Diethyl phthalate	84-66-2	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
Dimethyl phthalate	131-11-3	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
Fluoranthene	206-44-0	100	100	4.2	3.3	0.13 U	0.13 U	1.5	0.035 J	0.14 J	2.2	0.11 U	0.12 U	12	0.11 U	1.1	0.071 J	0.11 U	0.11 U	0.38	0.65	0.025 J	1.2	0.062 J	0.12 U	0.12 U
Fluorene	86-73-7	30	100	0.27 J	0.22	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.11 J	0.18 U	0.19 U	0.6	0.18 U	0.082 J	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.19 J	0.21 U	0.2 U	0.19 U
Hexachlorobenzene	118-74-1	0.33	1.2	1 U	0.11 U	0.13 U	0.13 U	0.52 U	0.11 U	0.3 U	0.22 U	0.11 U	0.12 U	0.21 U	0.11 U	0.22 U	0.11 U	0.11 U	0.11 U	0.13 U	0.11 U	0.11 U	0.12 U	0.12 U	0.12 U	0.12 U
Hexachlorobutadiene	87-68-3	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	5 U	0.52 U	0.63 U	0.63 U	2.5 U	0.52 U	1.4 U	1 U	0.51 U	0.55 U	1 U	0.53 U	1 U	0.52 U	0.52 U	0.55 U	0.61 U	0.5 U	0.52 U	0.59 U	0.59 U	0.56 U	0.56 U
Hexachloroethane	67-72-1	NS	NS	1.4 U	0.14 U	0.18 U	0.18 U	0.69 U	0.15 U	0.41 U	0.29 U	0.14 U	0.15 U	0.28 U	0.15 U	0.29 U	0.15 U	0.15 U	0.15 U	0.17 U	0.14 U	0.14 U	0.16 U	0.17 U	0.16 U	0.16 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.8 J	0.77	0.18 U	0.18 U	0.29 J	0.15 U	0.41 U	0.52	0.074 J	0.15 U	2.3	0.19	0.29	0.032 J	0.15 U	0.15 U	0.22	0.14	0.14 U	0.31	0.17 U	0.16 U	0.16 U
Isophorone	78-59-1	NS	NS	1.6 U	0.16 U	0.2 U	0.2 U	0.78 U	0.16 U	0.46 U	0.33 U	0.16 U	0.17 U	0.32 U	0.17 U	0.33 U	0.16 U	0.16 U	0.17 U	0.19 U	0.16 U	0.16 U	0.18 U	0.19 U	0.18 U	0.17 U
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
Naphthalene	91-20-3	12	100	1.7 U	0.036 J	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.12 J	0.18 U	0.19 U	0.29 J	0.18 U	0.064 J	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.41	0.21 U	0.2 U	0.19 U
NDPA/DPA	86-30-6	NS	NS	1.4 U	0.14 U	0.18 U	0.18 U	0.69 U	0.15 U	0.41 U	0.29 U	0.14 U	0.15 U	0.28 U	0.15 U	0.29 U	0.15 U	0.15 U	0.15 U	0.17 U	0.14 U	0.14 U	0.16 U	0.17 U	0.16 U	0.16 U
Nitrobenzene	98-95-3	NS	NS	1.6 U	0.16 U	0.2 U	0.2 U	0.78 U	0.16 U	0.46 U	0.33 U	0.16 U	0.17 U	0.32 U	0.17 U	0.33 U	0.16 U	0.16 U	0.17 U	0.19 U	0.16 U	0.16 U	0.18 U	0.19 U	0.18 U	0.17 U
p-Chloro-m-cresol	59-50-7	NS	NS	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
N-Nitrosodimethylamine	62-75-9	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Pentachlorophenol	87-86-5	0.8	6.7	1.4 U	0.14 U	0.18 U	0.18 U	0.69 U	0.15 U	0.41 U	0.29 U	0.14 U	0.15 U	0.28 U	0.15 U	0.29 U	0.15 U	0.15 U	0.15 U	0.17 U	0.14 U	0.14 U	0.16 U	0.17 U	0.16 U	0.16 U
Phenanthrene	85-01-8	100	100	2.8	3	0.13 U	0.13 U	1.3	0.11 U	0.073 J	1.1	0.11 U	0.12 U	8.4	0.11 U	0.79	0.05 J	0.11 U	0.11 U	0.17	0.47	0.11 U	1.4	0.025 J	0.12 U	0.12 U
Phenol	108-95-2	0.33	100	1.7 U	0.18 U	0.22 U	0.22 U	0.86 U	0.18 U	0.51 U	0.36 U	0.18 U	0.19 U	0.36 U	0.18 U	0.36 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.21 U	0.21 U	0.2 U	0.19 U
Pyrene	129-00-0	100	100	2.9	3	0.022 J	0.13 U	1.1	0.026 J	0.12 J	2.2	0.11 U	0.12 U	9.2	0.11 U	0.9	0.064 J	0.11 U	0.11 U	0.31	0.54	0.023 J	0.89	0.056 J	0.12 U	0.12 U
Pyridine	110-86-1	100	100	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Ob
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of Soil Cleanup Obje
NS - No standard
NT - Not tested
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrur
Blind duplicates: DUP001 = SB007 (3-5') and DUP002 = SB005 (0-2')
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 1
Soil SVOC Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID:				PDI024			PDI025						PDI026					
Sample Depth:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	1'	3'	5'	1'	1'	3'	3'	5'	7'	1'	3'	5'	7'	9'	11'
Sampling Date:				2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023
Lab Sample ID:				L2308471-26	L2308471-27	L2308471-28	L2308471-10	L2308471-10 R1	L2308471-11	L2308471-11	L2308471-12	L2308472-02	L2307987-07	L2307987-08	L2307987-09	L2307987-10	L2307987-11	L2307987-12
Semi Volatile Organic Compounds by EPA Method 8270 in mg/Kg																		
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	541-73-1	2.4	49	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
1,4-Dichlorobenzene	106-46-7	1.8	13	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
1,4-Dioxane	123-91-1	0.1	13	0.028 U	0.027 U	0.028 U	0.034 U	0.034 U	0.028 U	0.028 U	0.28 U	0.028 U	0.028 U	0.03 U	0.033 U	0.03 U	0.028 U	0.028 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
2,4,5-Trichlorophenol	95-95-4	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	0.11 U	0.11 U	0.11 U	0.14 U	0.14 U	0.11 U	0.11 U	1.1 U	0.11 U	0.11 U	0.12 U	0.13 U	0.12 U	0.11 U	0.11 U
2,4-Dichlorophenol	120-83-2	NS	NS	0.17 U	0.16 U	0.17 U	0.2 U	0.2 U	0.16 U	0.16 U	1.7 U	0.17 U	0.16 U	0.18 U	0.2 U	0.18 U	0.17 U	0.17 U
2,4-Dimethylphenol	105-67-9	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
2,4-Dinitrophenol	51-28-5	NS	NS	0.9 U	0.86 U	0.91 U	1.1 U	1.1 U	0.88 U	0.88 U	9 U	0.9 U	0.88 U	0.96 U	1 U	0.95 U	0.89 U	0.9 U
2,4-Dinitrotoluene	121-14-2	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
2,6-Dinitrotoluene	606-20-2	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
2-Chloronaphthalene	91-58-7	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
2-Chlorophenol	95-57-8	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
2-Methylnaphthalene	91-57-6	NS	NS	0.22 U	0.12 J	0.23 U	0.36	0.68	0.22 U	0.22 U	0.35 J	0.22 U	0.046 J	0.24 U	0.26 U	0.24 U	0.22 U	0.025 J
2-Methylphenol	95-48-7	0.33	100	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
2-Nitroaniline	88-74-4	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
2-Nitrophenol	88-75-5	NS	NS	0.4 U	0.39 U	0.41 U	0.49 U	0.49 U	0.4 U	0.4 U	4 U	0.4 U	0.4 U	0.43 U	0.47 U	0.43 U	0.4 U	0.4 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	100	0.27 U	0.26 U	0.27 U	0.33 U	0.33 U	0.26 U	0.26 U	2.7 U	0.27 U	0.26 U	0.29 U	0.32 U	0.28 U	0.27 U	0.27 U
3-Nitroaniline	99-09-2	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
4,6-Dinitro-o-cresol	534-52-1	NS	NS	0.49 U	0.47 U	0.49 U	0.59 U	0.59 U	0.48 U	0.48 U	4.9 U	0.48 U	0.48 U	0.52 U	0.57 U	0.52 U	0.48 U	0.49 U
4-Bromophenyl phenyl ether	101-55-3	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
4-Chloroaniline	106-47-8	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
4-Nitroaniline	100-01-6	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
4-Nitrophenol	100-02-7	NS	NS	0.26 U	0.25 U	0.27 U	0.32 U	0.32 U	0.26 U	0.26 U	2.6 U	0.26 U	0.26 U	0.28 U	0.31 U	0.28 U	0.26 U	0.26 U
Acenaphthene	83-32-9	20	100	0.15 U	0.096 J	0.15 U	0.18 U	0.12 J	0.15 U	0.025 J	1.3 J	0.15 U	0.092 J	0.16 U	0.18 U	0.16 U	0.15 U	0.063 J
Acenaphthylene	208-96-8	100	100	0.15 U	0.054 J	0.15 U	0.18 U	0.18 U	0.15 U	0.15 U	2.2	0.15 U	0.075 J	0.16 U	0.18 U	0.16 U	0.15 U	0.096 J
Acetophenone	98-86-2	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
Aniline	62-53-3	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Anthracene	120-12-7	100	100	0.11 U	0.23	0.057 J	0.14 U	0.39	0.047 J	0.074 J	7.6	0.11 U	0.38	0.12 U	0.13 U	0.12 U	0.11 U	0.26
Atrazine	1912-24-9	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzaldehyde	100-52-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzidine	92-87-5	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene	56-55-3	1	1	0.072 J	0.6	0.17	0.16	0.91	0.18	0.22	21	0.054 J	0.92	0.05 J	0.13 U	0.049 J	0.046 J	0.73
Benzo(a)pyrene	50-32-8	1	1	0.077 J	0.62	0.17	0.16 J	1	0.19	0.27	20	0.059 J	0.8	0.049 J	0.18 U	0.048 J	0.046 J	0.67
Benzo(b)fluoranthene	205-99-2	1	1	0.12	1.1	0.21	0.28	1.6	0.34	0.43	23	0.061 J	0.98	0.05 J	0.13 U	0.062 J	0.058 J	0.82
Benzo(ghi)perylene	191-24-2	100	100	0.057 J	0.48	0.09 J	0.17 J	0.68	0.18	0.18	9.1	0.036 J	0.45	0.028 J	0.18 U	0.032 J	0.031 J	0.35
Benzo(k)fluoranthene	207-08-9	0.8	3.9	0.051 J	0.33	0.075 J	0.11 J	0.59	0.11	0.13	7.7	0.03 J	0.3	0.12 U	0.13 U	0.12 U	0.11 U	0.25
Benzoic Acid	65-85-0	NS	NS	0.61 U	0.58 U	0.62 U	0.74 U	0.74 U	0.6 U	0.59 U	6.1 U	0.6 U	0.59 U	0.65 U	0.71 U	0.64 U	0.6 U	0.61 U
Benzyl Alcohol	100-51-6	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
Biphenyl	92-52-4	NS	NS	0.43 U	0.41 U	0.43 U	0.52 U	0.031 J	0.42 U	0.42 U	4.3 U	0.42 U	0.42 U	0.46 U	0.5 U	0.45 U	0.42 U	0.43 U
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	0.2 U	0.19 U	0.2 U	0.25 U	0.25 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U	0.22 U	0.24 U	0.21 U	0.2 U	0.2 U
Bis(2-chloroethyl)ether	111-44-4	NS	NS	0.17 U	0.16 U	0.17 U	0.2 U	0.2 U	0.16 U	0.16 U	1.7 U	0.17 U	0.16 U	0.18 U	0.2 U	0.18 U	0.17 U	0.17 U
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	0.22 U	0.22 U	0.23 U	0.27 U	0.27 U	0.22 U	0.22 U	2.2 U	0.22 U	0.22 U	0.24 U	0.26 U	0.24 U	0.22 U	0.22 U
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.21 J	0.073 J	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
Butyl benzyl phthalate	85-68-7	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.076 J	0.18 U	1.9 U	0.19 U	0.14 J	0.2 U	0.22 U	0.2 U	0.19 U	0.048 J
Caprolactam	105-60-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Carbazole	86-74-8	NS	NS	0.021 J	0.29	0.041 J	0.04 J	0.27	0.054 J	0.072 J	2.3	0.19 U	0.25	0.2 U	0.22 U	0.2 U	0.19 U	0.057 J
Chrysene	218-01-9	1	3.9	0.095 J	0.91	0.16	0.23	1.2	0.29	0.29	19	0.049 J	0.87	0.043 J	0.13 U	0.048 J	0.04 J	0.74
Di-n-butylphthalate	84-74-2	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
Di-n-octylphthalate	117-84-0	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.11 U	0.1 J	0.025 J	0.032 J	0.17	0.035 J	0.048 J	2.4	0.11 U	0.11	0.12 U	0.13 U	0.12 U	0.11 U	0.085 J
Dibenzofuran	132-64-9	7	59	0.19 U	0.084 J	0.19 U	0.23 U	0.18 J	0.18 U	0.028 J	1.1 J	0.19 U	0.11 J	0.2 U	0.22 U	0.2 U	0.19 U	0.046 J
Diethyl phthalate	84-66-2	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
Dimethyl phthalate	131-11-3	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
Fluoranthene	206-44-0	100	100	0.18	1.8	0.38	0.33	1.9	0.46	0.44	46	0.087 J	2	0.095 J	0.034 J	0.057 J	0.065 J	1.8
Fluorene	86-73-7	30	100	0.19 U	0.12 J	0.19 U	0.23 U	0.17 J	0.018 J	0.037 J	2.1	0.19 U	0.074 J	0.2 U	0.22 U	0.2 U	0.19 U	0.074 J
Hexachlorobenzene	118-74-1	0.33	1.2	0.11 U	0.11 U	0.11 U	0.14 U	0.14 U	0.11 U	0.11 U	1.1 U	0.11 U	0.11 U	0.12 U	0.13 U	0.12 U	0.11 U	0.11 U
Hexachlorobutadiene	87-68-3	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	0.54 U	0.51 U	0.54 U	0.65 U	0.65 U	0.52 U	0.52 U	5.4 U	0.53 U	0.52 U	0.57 U	0.62 U	0.57 U	0.53 U	0.54 U
Hexachloroethane	67-72-1	NS	NS	0.15 U	0.14 U	0.15 U	0.18 U	0.18 U	0.15 U	0.15 U	1.5 U	0.15 U	0.15 U	0.16 U	0.18 U	0.16 U	0.15 U	0.15 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.068 J	0.54	0.11 J	0.17 J	0.79	0.2	0.21	11	0.036 J	0.51	0.031 J	0.18 U	0.034 J	0.034 J	0.41
Isophorone	78-59-1	NS	NS	0.17 U	0.16 U	0.17 U	0.2 U	0.2 U	0.16 U	0.16 U	1.7 U	0.17 U	0.16 U	0.18 U	0.2 U	0.18 U	0.17 U	0.17 U
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
Naphthalene	91-20-3	12	100	0.19 U	0.077 J	0.19 U	0.27	0.59	0.18 U	0.18 U	0.41 J	0.19 U	0.18	0.2 U	0.22 U	0.2 U	0.19 U	0.032 J
NDPA/DPA	86-30-6	NS	NS	0.15 U	0.14 U	0.15 U	0.18 U	0.18 U	0.15 U	0.15 U	1.5 U	0.15 U	0.15 U	0.16 U	0.18 U	0.16 U	0.15 U	0.15 U
Nitrobenzene	98-95-3	NS	NS	0.17 U	0.16 U	0.17 U	0.2 U	0.2 U	0.16 U	0.16 U	1.7 U	0.17 U	0.16 U	0.18 U	0.2 U	0.18 U	0.17 U	0.17 U
p-Chloro-m-cresol	59-50-7	NS	NS	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
N-Nitrosodimethylamine	62-75-9	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Pentachlorophenol	87-86-5	0.8	6.7	0.15 U	0.14 U	0.15 U	0.18 U	0.18 U	0.15 U	0.15 U	1.5 U	0.15 U	0.15 U	0.16 U	0.18 U	0.16 U	0.15 U	0.15 U
Phenanthrene	85-01-8	100	100	0.12	1.5	0.27	0.13 J	1.7	0.23	0.35	26	0.038 J	1.7	0.036 J	0.13 U	0.12 U	0.11 U	1
Phenol	108-95-2	0.33	100	0.19 U	0.18 U	0.19 U	0.23 U	0.23 U	0.18 U	0.18 U	1.9 U	0.19 U	0.18 U	0.2 U	0.22 U	0.2 U	0.19 U	0.19 U
Pyrene	129-00-0	100	100	0.14	1.4	0.29	0.28	1.4	0.36	0.33	38	0.11 U	1.7	0.089 J	0.032 J	0.055 J	0.057 J	1.4
Pyridine	110-86-1	100	100	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Ob
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of Soil Cleanup Obje
NS - No standard
NT - Not tested
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrur
Blind duplicates: DUP001 = SB007 (3-5') and DUP002 = SB005 (0-2')
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 2
Soil Metal Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID: Sample Depth: Sampling Date: Lab Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	SB001 0-2' 3/1/2022 L2210848-14	SB001 4-6' 3/1/2022 L2210848-15	SB002 2-4' 3/1/2022 L2210848-30	SB002 6-8' 3/1/2022 L2210848-17	SB002 18-20' 3/1/2022 L2210848-19	SB003 3-5' 3/1/2022 L2210848-22	SB003 9-11' 3/1/2022 L2210848-27	SB003 15-17' 3/1/2022 L2210848-20	SB003 20-22' 3/1/2022 L2210848-28	SB004 2-4' 3/1/2022 L2210848-18	SB004 6-8' 3/1/2022 L2211451-03	SB005 0-2' 3/1/2022 L2210848-13	SB005 8-10' 3/1/2022 L2210848-16	SB005 12-14' 3/1/2022 L2210848-29	SB005 15-17' 3/1/2022 L2211451-01
Total Metals by USEPA Method 6010C in mg/Kg																		
Aluminum, Total	7429-90-5	NS	NS	3,400	5,690	3,720	6,580	3,660	5,490	5,610	4,440	4,780	5,810	9,480	5,200	3,060	4,260	5,040
Antimony, Total	7440-36-0	NS	NS	4.2 U	4.34 U	9.45	4.44 U	4.13 U	1.12 J	2.09 J	4.09 U	4.31 U	4.41 U	4.56 U	4.44 U	4.21 U	4.41 U	4.19 U
Arsenic, Total	7440-38-2	13	16	1.36	5.04	23.5	3	1.36	6.64	7.7	1.31	2.86	2.39	4.59	1.43	3.22	1.6	2.42
Barium, Total	7440-39-3	350	400	36.5	133	188	20	30.7	194	232	38.6	40.3	38.2	32.5	35.6	26.3	25.8	38
Beryllium, Total	7440-41-7	7.2	72	0.151 J	0.304 J	0.24 J	0.293 J	0.331 J	0.361 J	0.32 J	0.27 J	0.233 J	0.397 J	0.41 J	0.329 J	0.202 J	0.256 J	0.294 J
Cadmium, Total	7440-43-9	2.5	4.3	0.236 J	0.408 J	2.58	0.888 U	0.827 U	1.22	1.29	0.818 U	0.863 U	0.882 U	0.109 J	0.888 U	0.556 J	0.088 J	0.117 J
Calcium, Total	7440-70-2	NS	NS	32,300	25,700	1,490	518	1,000	4,730	5,800	870	756	3,130	698	4,940	46,500	704	1,230
Chromium, Total	7440-47-3	NS	NS	10.2	16.4	25.8	11.6	10.4	13.2	15.5	12.6	12.1	9.75	13.7	13.6	7.1	12.8	12.4
Cobalt, Total	7440-48-4	NS	NS	2.18	4.4	9.74	3.21	4.22	5.15	6.13	4.93	4.58	4.71	6.98	5.22	2.66	4.34	5.51
Copper, Total	7440-50-8	50	270	16.8	38.2	274	8.41	8.38	149	226	15.9	14.8	8.12	6.09	11.7	10.6	9.58	12.7
Iron, Total	7439-89-6	NS	NS	5,090	12,700	186,000	9,110	8,980	15,000	21,800	9,860	9,200	11,000	15,700	13,500	7,080	7,270	10,700
Lead, Total	7439-92-1	63	400	35.6	307	1,940	7.94	9.1	568	716	6.55	7.14	16.5	7.64	28.6	56.2	5.98	5.51
Magnesium, Total	7439-95-4	NS	NS	2,760	2,350	771	1,790	2,320	1,780	2,110	2,130	1,710	2,110	1,710	2,160	22,200	1,600	2,170
Manganese, Total	7439-96-5	1,600	2,000	101	228	564	65.8	214	185	207	180	172	217	224	241	123	104	202
Mercury, Toal	7439-97-6	0.18	0.81	0.077	0.773	1.52	0.081 U	0.077 U	1	1.8	0.076 U	0.074 U	0.082 U	0.076 U	0.075 J	0.114	0.073 J	0.072 U
Nickel, Total	7440-02-0	30	310	6.71	10.9	20	8.84	12.6	15.1	19.1	11.4	11.4	11	8.74	9.29	7.06	10.8	12.8
Potassium, Total	7440-09-7	NS	NS	661	569	146 J	419	914	472	673	1,170	852	962	421	802	424	659	1,160
Selenium, Total	7782-49-2	3.9	180	0.303 J	0.321 J	1.77 U	1.78 U	1.65 U	1.8 U	1.83 U	1.64 U	1.72 U	1.76 U	1.82 U	1.78 U	1.68 U	1.76 U	1.68 U
Silver, Total	7440-22-4	2	180	0.841 U	0.868 U	0.887 U	0.888 U	0.827 U	0.902 U	0.916 U	0.818 U	0.863 U	0.882 U	0.912 U	0.888 U	0.843 U	0.881 U	0.839 U
Sodium, Total	7440-23-5	NS	NS	200	165 J	87.2 J	55.2 J	78.9 J	112 J	157 J	68.8 J	81 J	166 J	291	152 J	140 J	83 J	131 J
Thallium, Total	7440-28-0	NS	NS	1.68 U	1.74 U	1.77 U	1.78 U	1.65 U	1.8 U	1.83 U	1.64 U	1.72 U	1.76 U	1.82 U	1.78 U	1.68 U	1.76 U	1.68 U
Vanadium, Total	7440-62-2	NS	NS	10.6	16.5	34.6	22.7	14.9	21.9	21	18.4	17.3	15.9	19.2	21	11.5	12.5	18.3
Zinc, Total	7440-66-6	109	10,000	54.5	203	635	44.8	28.6	457	567	29.3	28.9	33.4	29.8	47.8	59.3	25.4	27.2
Chromium by USEPA method 6010C in mg/kg																		
Chromium, Hexavalent	18540-29-9	1	110	0.222 J	0.894 U	0.242 J	0.932 U	0.872 U	0.917 U	1.37	0.343 J	0.295 J	3.73	0.963 U	0.18 J	0.899 U	0.908 U	0.32 J
Chromium, Trivalent	16065-83-1	30	180	10 J	16	26 J	12	10	13	14	12 J	12 J	6	14	13 J	7.1	13	12 J

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Objective Table 375-6.8a 12/06
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of Soil Cleanup Objective Table 375-6.8b 12/06
NS - No standard
NT - Not tested
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 2
Soil Metal Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID: Sample Depth: Sampling Date: Lab Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	SB006 3-4' 3/1/2022 L2210848-04	SB006 4-6' 3/1/2022 L2210848-03	SB007 3-5' 3/1/2022 L2210848-05	SB007 7-9' 3/1/2022 L2210848-06	SB007 18-20' 3/1/2022 L2210848-07	SB008 0-2' 3/1/2022 L2210848-09	SB008 2-4' 3/1/2022 L2210848-12	SB008 6-8' 3/1/2022 L2210848-10	SB008 12-14' 3/1/2022 L2210848-02	SB009 3-5' 3/1/2022 L2210848-32	SB009 5-7' 3/1/2022 L2211451-02	SB009 9-11' 3/1/2022 L2210848-31	SB010 0-2' 3/1/2022 L2210848-01	SB010 4-6' 3/1/2022 L2210848-25	SB010 8-10' 3/1/2022 L2210848-26	SB011 0-2' 3/1/2022 L2210848-21	SB011 6-8' 3/1/2022 L2210848-24	SB011 18-20' 3/1/2022 L2210848-23
Total Metals by USEPA Method 6010C in mg/Kg																						
Aluminum, Total	7429-90-5	NS	NS	5,340	6,150	4,360	6,040	3,030	4,200	5,960	4,910	4,700	5,200	4,540	4,060	4,170	3,920	3,440	7,780	5,360	2,470
Antimony, Total	7440-36-0	NS	NS	4.2 U	4.17 U	4.33 U	4.47 U	4.35 U	4.1 U	4.5 U	4.63 U	4.52 U	4.2 U	4.38 U	4.62 U	4.26 U	4.36 U	4.47 U	4.45 U	4.47 U	4.2 U
Arsenic, Total	7440-38-2	13	16	2.7	2.06	2.98	2.5	2.92	2.34	2.94	2.88	2.39	2.8	3.14	3.2	4.03	4.64	3.6	5.11	3.4	2.02
Barium, Total	7440-39-3	350	400	21.8	26.3	19.9	22.8	25.9	25.9	22.6	24.1	10.7	19.7	19.7	16.7	37.8	56.1	24.2	51.5	24.4	18
Beryllium, Total	7440-41-7	7.2	72	0.344 J	0.426	0.294 J	0.331 J	0.217 J	0.287 J	0.333 J	0.315 J	0.244 J	0.344 J	0.289 J	0.342 J	0.282 J	0.262 J	0.232 J	0.32 J	0.313 J	0.244 J
Cadmium, Total	7440-43-9	2.5	4.3	0.84 U	0.835 U	0.866 U	0.894 U	0.87 U	0.098 J	0.9 U	0.926 U	0.904 U	0.84 U	0.114 J	0.923 U	0.162 J	0.157 J	0.152 J	0.302 J	0.09 J	0.109 J
Calcium, Total	7440-70-2	NS	NS	1,520	599	474	517	518	11,000	592	522	266	582	1,410	443	38,300	8,830	1,640	6,220	2,970	771
Chromium, Total	7440-47-3	NS	NS	9.36	9.97	7.34	9.57	7.21	8.77	10.4	8.43	7.88	7.85	7.8	5.2	10.8	7.39	7.04	11.8	8.9	6.3
Cobalt, Total	7440-48-4	NS	NS	5.02	6.74	4.3	4.62	4.26	4	4.75	4.59	6.31	3.83	4.3	2.66	3.97	3.98	4.1	5.48	4.24	3.24
Copper, Total	7440-50-8	50	270	7.83	10	6.18	5.72	6.37	10.1	6.11	7.31	7.24	6.42	8.04	3.47	16.4	11.4	9.31	15	8.19	7.3
Iron, Total	7439-89-6	NS	NS	10,100	10,600	10,500	12,600	9,270	8,660	13,200	10,800	10,400	8,290	9,650	6,270	9,470	9,120	8,780	13,200	10,000	5,970
Lead, Total	7439-92-1	63	400	11.9	6.54	7.68	8.79	5.48	17.3	10	10.3	6.1	8.98	8.59	5.12	58.2	28.8	26.6	73.8	13.3	4.4
Magnesium, Total	7439-95-4	NS	NS	1,630	1,740	1,480	1,590	1,370	5,220	1,790	1,730	1,700	1,340	1,670	889	16,900	4,190	1,560	3,120	1,660	1,110
Manganese, Total	7439-96-5	1,600	2,000	148	126	179	224	327	158	246	143	110	117	279	79.4	219	193	196	231	108	337
Mercury, Toal	7439-97-6	0.18	0.81	0.073 U	0.074 U	0.074 U	0.079 U	0.07 U	0.066 J	0.072 U	0.079 U	0.072 U	0.072 U	0.081 U	0.083 U	0.168	0.062 J	0.067 J	0.087	0.08 U	0.079 U
Nickel, Total	7440-02-0	30	310	9.72	9.55	8.84	8.33	9.69	9.4	8.99	9.26	9.47	7.94	8.16	5.89	11.2	11.3	9.11	13.3	7.66	7.54
Potassium, Total	7440-09-7	NS	NS	447	528	296	350	270	690	347	321	304	269	387	171 J	725	445	378	439	368	406
Selenium, Total	7782-49-2	3.9	180	1.68 U	1.67 U	1.73 U	1.79 U	1.74 U	1.64 U	1.8 U	1.85 U	1.81 U	1.68 U	1.75 U	1.85 U	0.503 J	1.74 U	1.79 U	1.78 U	1.79 U	1.68 U
Silver, Total	7440-22-4	2	180	0.84 U	0.835 U	0.866 U	0.894 U	0.87 U	0.82 U	0.9 U	0.926 U	0.904 U	0.84 U	0.876 U	0.923 U	0.853 U	0.872 U	0.894 U	0.89 U	0.895 U	0.841 U
Sodium, Total	7440-23-5	NS	NS	63.2 J	73.1 J	80.4 J	84.2 J	32.6 J	135 J	183	169 J	137 J	133 J	127 J	63.6 J	230	96.1 J	79.5 J	167 J	117 J	73.3 J
Thallium, Total	7440-28-0	NS	NS	1.68 U	1.67 U	1.73 U	1.79 U	1.74 U	1.64 U	1.8 U	1.85 U	1.81 U	1.68 U	1.75 U	1.85 U	1.71 U	1.74 U	1.79 U	1.78 U	1.79 U	1.68 U
Vanadium, Total	7440-62-2	NS	NS	14.6	16.6	11.4	14.7	8.8	15	15.7	13.5	10.2	13.1	12.6	7.87	16.2	11.6	10.5	19.9	13.4	11.3
Zinc, Total	7440-66-6	109	10,000	26.8	22.4	22.6	25.1	22.4	44.3	23.2	24.5	23.5	22.1	24.8	15.1	52.6	35.8	31.7	65.3	24.2	17
Chromium by USEPA method 6010C in mg/kg																					
Chromium, Hexavalent	18540-29-9	1	110	0.875 U	0.87 U	0.181 J	0.944 U	0.89 U	0.874 U	0.906 U	0.928	0.908 U	0.862 U	0.92 U	0.948 U	0.173 J	0.299 J	0.914 U	0.911 U	0.943 U	0.883 U
Chromium, Trivalent	16065-83-1	30	180	9.4	10	7.2 J	9.6	7.2	8.8	10	8.4	7.9	7.8	7.8	5.2	11 J	7.1 J	7	12	8.9	6.3

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of S
NS - No standard
NT - Not tested
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear ra
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 2
Soil Metal Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID: Sample Depth: Sampling Date: Lab Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	SB012 6'-8' 8/3/2022 22H0308-02	SB012 8'-10' 8/3/2022 22H0308-03	SB013 6'-8' 8/3/2022 22H0308-04	SB014 2'-4' 8/3/2022 22H0308-14	SB014 4'-6' 8/3/2022 22H0308-15	SB015 10'-12' 8/3/2022 22H0308-17	SB016 10'-12' 8/3/2022 22H0308-16	SB017 3'-5' 8/3/2022 22H0308-13	SB017 5'-7' 8/3/2022 22H0306-03	SB018 3'-5' 8/3/2022 22H0308-10	SB018 5'-7' 8/3/2022 22H0308-11	SB019 17'-19' 8/3/2022 22H0308-08	SB020 8'-10' 8/3/2022 22H0308-09	SB021 13'-15' 8/3/2022 22H0308-07	SB022 8'-10' 8/3/2022 22H0308-06	SB023 8'-10' 8/3/2022 22H0308-05	SB024 5'-7' 8/3/2022 22H0308-01	SB024 13'-15' 8/3/2022 22H0306-01	SB024 15'-17' 8/3/2022 22H0306-02
Total Metals by USEPA Method 6010C in mg/Kg																								
Aluminum, Total	7429-90-5	NS	NS	5,440	6,440 B	5,870 B	9,570	8,870	17,100	14,200	11,500	11,800 B	11,400	6,020	5,470	7,290	5,780	7,840	8,510	6,040 B	4,750	4,160 B
Antimony, Total	7440-36-0	NS	NS	2.86	2.86 U	2.82 U	3.07 U	3.08 U	3.24 U	2.99 U	2.83 U	2.99 U	2.86 U	2.95 U	2.64 U	3.11 U	2.82 U	2.85 U	3.08 U	2.91 U	2.84 U	2.73 U
Arsenic, Total	7440-38-2	13	16	1.72	4.09	2.82	1.84 U	1.85 U	1.94 U	1.8 U	1.7 U	3.14	2.93	3.54	3.82	2.72	2.4	3.14	1.85 U	2.32	1.71 U	4.89
Barium, Total	7440-39-3	350	400	20.6	36.1	28.2	35.3	23.5	112	77.1	43.7	23.9	38.7	15.2	38.1	26.4	33.7	29	25.8	158	18.1	22.3
Beryllium, Total	7440-41-7	7.2	72	0.055 U	0.057 U	0.056 U	0.061 U	0.062 U	0.065 U	0.06 U	0.057 U	0.139	0.058	0.059 U	0.053 U	0.062 U	0.056 U	0.057 U	0.062 U	0.06	0.057 U	0.11
Cadmium, Total	7440-43-9	2.5	4.3	0.327 U	0.343 U	0.338 U	0.368 U	0.369 U	0.389 U	0.359 U	0.339 U	0.917	0.343 U	0.355 U	0.317 U	0.373 U	0.338 U	0.342 U	0.369 U	0.349 U	0.341 U	0.327 U
Calcium, Total	7440-70-2	NS	NS	957	1,000	750	1,360	802	2,600	1,910	2,640	1,030	3,400	507	1,100	881	712	1,180	1,050	3,590	821	669
Chromium, Total	7440-47-3	NS	NS	10.6	17.4	13.9	13	14	60.5	43.5	21.2	15.6	15.3	9.31	10.1	11.5	11.1	13.7	11.2	14	8.22	7.39
Cobalt, Total	7440-48-4	NS	NS	4.58	6.5	5.81	5.36	3.92	17.5	16.7	10.4	4.84	6.98	5.28	6.58	6.79	6.52	7.17	4.39	5.65	4.66	4.24
Copper, Total	7440-50-8	50	270	13.2	9.98	10.1	11	9.23	27.1	21	20.9	8.65	9.41	8.98	11.1	11.2	8.67	15.7	4.69	10.7	7.31	7.49
Iron, Total	7439-89-6	NS	NS	8,650	11,300	12,100	12,400	9,780	28,200	25,000	19,900	13,300	16,900	12,600	13,400	15,200	13,700	15,900	8,510	12,600	10,400	9,190
Lead, Total	7439-92-1	63	400	9.22	21.4	11.3	81.6	14.2	17.2	16.5	13.8	8.26	20.1	9.68	11.6	13.1	11.4	14.4	8.94	48.5	8.23	6.85
Magnesium, Total	7439-95-4	NS	NS	1,540	2,110	2,030	2,090	2,110	6,590	5,590	6,160	2,400	2,510	1,830	1,940	2,330	2,130	2,600	2,300	2,120	1,570	1,380
Manganese, Total	7439-96-5	1,600	2,000	95.9	191	161	210	108	370	312	280	91.3	274	132	855	244	207	255	175	188	345	260
Mercury, Toal	7439-97-6	0.18	0.81	0.0316 U	0.0321 U	0.0316 U	1.12	0.0345 U	0.0369 U	0.0335 U	0.0334 U	0.0346 U	0.0332 U	0.0331 U	0.0317 U	0.0354 U	0.0327 U	0.0336 U	0.0351 U	0.0337 U	0.0324 U	0.0317 U
Nickel, Total	7440-02-0	30	310	13.6	8.81	16	15.6	9.86	87.6	75.2	21.9	12.2	16.9	18.1	15.2	15.3	15.6	16.6	13.4	12	13.8	9.98
Potassium, Total	7440-09-7	NS	NS	619 B	1,050 B	1,010 B	781	558	3,330	3,420	2,550	726 B	964	772	819	1,020	874	917	794	945 B	625	663 B
Selenium, Total	7782-49-2	3.9	180	2.73 U	2.86 U	2.82 U	3.07 U	3.08 U	3.24 U	2.99 U	2.83 U	2.99 U	2.86 U	2.95 U	2.64 U	3.11 U	2.82 U	2.85 U	3.08 U	2.91 U	2.84 U	2.73 U
Silver, Total	7440-22-4	2	180	0.546 U	0.572 U	0.563 U	0.613 U	0.616 U	0.648 U	0.599 U	0.566 U	0.597 U	0.572 U	0.591 U	0.528 U	0.621 U	0.563 U	0.57 U	0.615 U	0.581 U	0.568 U	0.546 U
Sodium, Total	7440-23-5	NS	NS	54.6 U	57.2 U	56.3 U	118	61.6 U	64.8 U	59.9 U	79.5	144	184	59.1 U	52.8 U	62.1 U	90.2	57 U	61.5 U	227	56.8 U	54.6 U
Thallium, Total	7440-28-0	NS	NS	2.73 U	2.86 U	2.82 U	3.07 U	3.08 U	3.24 U	2.99 U	2.83 U	2.99 U	2.86 U	2.95 U	2.64 U	3.11 U	2.82 U	2.85 U	3.08 U	2.91 U	2.84 U	2.73 U
Vanadium, Total	7440-62-2	NS	NS	17.8	29.2	24.5	18	21.9	42.5	39.8	38.9	29.7	21.5	13.8	13.6	18	15.7	20	11.3	16.6	11.8	9.93
Zinc, Total	7440-66-6	109	10,000	38.9	27.3	48.2	51.1	29.4	56.9	50.2	50.4	30.5	40.6	24.5	31.6	31	30.8	36.7	38.4	148	22.2	19.9
Chromium by USEPA method 6010C in mg/kg																						
Chromium, Hexavalent	18540-29-9	1	110	0.527 U	0.534 U	0.526 U	0.572 U	0.575 U	0.616 U	0.559 U	0.556 U	0.577 U	0.553 U	0.552 U	0.528 U	0.59 U	0.545 U	0.56 U	0.584 U	0.562 U	0.54 U	0.528 U
Chromium, Trivalent	16065-83-1	30	180	10.6	16.2	13.2	11.4	12.2	49.2	38.9	19.1	15.6	13.8	8.44	9.53	9.73	10.2	12.2	9.58	12.4	8.22	7.39

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of
NS - No standard
NT - Not tested
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear ra
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 2
Soil Metal Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID:				PDI001				PDI002		PDI003		PDI004		PDI005				PDI006						PDI007	
Sample Depth:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	3'	5'	7'	9'	11'	13'	11'	13'	11'	13'	3'	5'	7'	9'	1'	3'	5'	7'	9'	11'	1'	3'
Sampling Date:				2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/15/2023	2/15/2023
Lab Sample ID:				L2307987-13	L2307987-14	L2307987-15	L2307987-16	L2307987-01	L2307987-02	L2307987-03	L2307987-04	L2307987-05	L2307987-06	L2307987-17	L2307987-18	L2307987-19	L2307987-20	L2307987-21	L2307987-22	L2307987-23	L2307987-24	L2307987-25	L2307987-30	L2308197-15	L2308197-16
Total Metals by USEPA Method 6010C in mg/Kg																									
Aluminum, Total	7429-90-5	NS	NS	10,200	13,800	10,600	10,400	5,460	6,760	8,880	9,290	6,680	6,870	6,520	11,300	11,600	12,900	5,930	6,290	10,000	7,440	8,990	6,940	6,710	9,750
Antimony, Total	7440-36-0	NS	NS	2.67 J	4.73 U	1.46 J	1.23 J	0.399 J	0.5 J	1.37 J	0.395 J	4.31 U	4.17 U	17.1	1.73 J	1.01 J	0.559 J	0.562 J	0.589 J	0.622 J	0.427 J	0.755 J	4.43 U	0.384 J	1.18 J
Arsenic, Total	7440-38-2	13	16	4.44	7.28	3.81	2.5	3.02	3.41	5.17	2.6	2.59	2.27	27.6	7.47	2.31	2.9	5.61	1.88	3.24	2.49	3.95	3.23	4.71	6.37
Barium, Total	7440-39-3	350	400	109	49.2	94.1	32	39	52.4	74.3	53.6	45.8	46.4	684	70.2	34.9	53.7	44.4	35.4	70.8	47.1	36.1	31.5	30.5	63.5
Beryllium, Total	7440-41-7	7.2	72	0.839	0.668	0.962	0.4 J	0.414	0.436	0.487	0.505	0.418 J	0.452	0.406 J	0.477	0.535	0.761	0.354 J	0.362 J	0.544	0.436 J	0.517	0.381 J	0.334 J	0.48 J
Cadmium, Total	7440-43-9	2.5	4.3	0.712 J	0.945 U	0.539 J	0.941 U	0.826 U	0.822 U	0.142 J	0.859 U	0.862 U	0.834 U	4.44	0.138 J	0.9 U	0.898 U	0.897 U	0.846 U	1.03 U	0.887 U	0.461 J	0.887 U	0.193 J	0.284 J
Calcium, Total	7440-70-2	NS	NS	1,780	1,150	1,890	753	1,250	1,510	4,760	1,270	1,210	1,200	5,770	3,490	700	879	45,000	1,410	1,280	3,800	1,680	4,620	10,800	2,700
Chromium, Total	7440-47-3	NS	NS	11.5	21.3	10.4	18.5	13.1	12.9	20.9	27.5	17	14.2	28.4	19.5	18.2	24	14.8	14.4	23.1	17.9	18.3	12.6	10.4	20.4
Cobalt, Total	7440-48-4	NS	NS	5.03	11.5	3.7	7.82	5.1	5.16	5.25	8.04	10.2	5.38	13.6	7.66	8.25	9.36	3.54	6.34	7.58	6.17	5.91	4.95	4.34	6.04
Copper, Total	7440-50-8	50	270	59.3	8.51	24.9	16.1	14.6	16.8	70	21.4	14	14.3	945	40.2	15.7	18.6	21.7	13	21.5	16.3	20	14.6	12.2	27.6
Iron, Total	7439-89-6	NS	NS	16,100	23,200	13,200	15,000	11,000	12,200	13,900	15,700	12,800	13,300	82,900	24,700	14,900	19,400	10,600	17,000	22,600	18,900	16,000	11,700	11,600	21,700
Lead, Total	7439-92-1	63	400	456	11.9	107	7.11	6.59	7.38	149	5.56	6.92	6.49	3,520	156	10.2	7.98	29	17.1	118	41.8	30.5	19.7	24	135
Magnesium, Total	7439-95-4	NS	NS	1,550	1,950	1,350	4,810	2,620	2,500	2,230	3,850	2,340	2,360	1,590	2,890	3,280	3,950	4,450	1,930	2,940	2,470	4,550	3,070	5,710	2,480
Manganese, Total	7439-96-5	1,600	2,000	381	792	456	221	289	408	208	253	503	217	480	390	182	504	197	364	426	366	333	269	202	317
Mercury, Toal	7439-97-6	0.18	0.81	0.575	0.095 U	0.14	0.088 U	0.071 U	0.076 U	0.388	0.079 U	0.088 U	0.092 U	21.1	0.546	0.096 U	0.079 U	0.075 J	0.071 U	0.157	0.057 J	0.073 U	0.055 J	0.078 U	0.179
Nickel, Total	7440-02-0	30	310	17.8	12.8	13.8	46.5	18.6	17.1	14.7	23.4	23.2	17	50.4	16.6	30.3	35.3	7.96	9.7	13.2	10.7	30	15.6	10.1	11.7
Potassium, Total	7440-09-7	NS	NS	473	798	420	1,300	1,080	1,200	815	2,780	1,200	1,270	1,330	1,020	1,210	2,070	810	858	1,390	1,030	1,420	880	590	920
Selenium, Total	7782-49-2	3.9	180	0.313 J	1.89 U	1.83 U	1.88 U	1.65 U	1.64 U	1.72 U	1.72 U	1.72 U	1.67 U	2.22	1.88 U	1.8 U	1.8 U	1.79 U	1.69 U	2.06 U	1.77 U	1.78 U	1.77 U	1.69 U	1.94 U
Silver, Total	7440-22-4	2	180	0.459 U	0.473 U	0.457 U	0.471 U	0.413 U	0.411 U	0.429 U	0.43 U	0.431 U	0.417 U	1.03	0.47 U	0.45 U	0.449 U	0.448 U	0.423 U	0.514 U	0.443 U	0.446 U	0.443 U	0.422 U	0.486 U
Sodium, Total	7440-23-5	NS	NS	114 J	118 J	83.2 J	103 J	71.6 J	98.2 J	135 J	112 J	105 J	100 J	513	107 J	94.6 J	104 J	377	170	201 J	161 J	168 J	160 J	118 J	234
Thallium, Total	7440-28-0	NS	NS	1.84 U	1.89 U	1.83 U	0.538 J	0.32 J	1.64 U	1.72 U	0.666 J	1.72 U	1.67 U	1.87 U	0.406 J	0.762 J	0.885 J	0.477 J	1.69 U	0.455 J	1.77 U	0.339 J	1.77 U	1.69 U	1.94 U
Vanadium, Total	7440-62-2	NS	NS	16.3	38.4	15.2	24.2	21.8	21.1	21.5	32.1	23.7	21.6	28.1	30.4	26.4	30.5	22.6	23.1	31.6	26.3	24	18.7	17	32.1
Zinc, Total	7440-66-6	109	10,000	366	203	287	41.6	37	39.6	110	42.8	31.7	30.8	2,510	136	36.5	44.6	55.2	40.8	104	66.7	88	43.6	47.6	82.2
Chromium by USEPA method 6010C in mg/kg																									
Chromium, Hexavalent	18540-29-9	1	110	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Chromium, Trivalent	16065-83-1	30	180	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use c
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of S
NS - No standard
NT - Not tested
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear ra
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 2
Soil Metal Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	PDI008		PDI009		PDI010		PDI011			PDI012			PDI013			PDI014			PDI015		
Sample Depth:				1'	3'	1'	3'	1'	3'	1'	3'	5'	1'	3'	5'	1'	3'	5'	1'	3'	5'	1'	3'	5'
Sampling Date:				2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/14/2023	2/14/2023	2/14/2023	2/15/2023	2/15/2023	2/15/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023
Lab Sample ID:				L2308197-17	L2308197-18	L2308197-19	L2308197-20	L2308197-21	L2308197-22	L2307987-26	L2307987-27	L2307987-28	L2308197-01	L2308197-02	L2308197-03	L2308471-01	L2308471-02	L2308471-03	L2308471-04	L2308471-05	L2308471-06	L2308471-07	L2308471-08	L2308471-09
Total Metals by USEPA Method 6010C in mg/Kg																								
Aluminum, Total	7429-90-5	NS	NS	6,290	6,340	5,540	8,480	4,060	5,820	4,900	6,480	5,460	4,600	4,450	6,930	5,550	8,840	6,810	4,590	5,900	5,150	4,220	5,760	3,680
Antimony, Total	7440-36-0	NS	NS	0.865 J	4.84 U	4.14 U	0.34 J	4.12 U	4.68 U	4.26 U	4.2 U	0.386 J	4.11 U	4.26 U	4.33 U	0.579 J	0.538 J	5.19 U	4.32 U	4.81 U	4.4 U	0.338 J	0.583 J	4.53 U
Arsenic, Total	7440-38-2	13	16	4.51	4.62	3.12	5.79	3.5	4.21	3.05	5.02	4.15	4.72	3.16	5.34	2.84	4.2	2.98	3.02	5.22	3.68	4.2	4.25	3.44
Barium, Total	7440-39-3	350	400	49.7	51	30.5	45.7	38.2	29.6	29.1	18.7	15.5	43	37.5	20.3	201	66.1	31.6	37.6	22.5	17.6	36.2	41.5	12.1
Beryllium, Total	7440-41-7	7.2	72	0.269 J	0.412 J	0.106 J	0.535	0.094 J	0.395 J	0.326 J	0.32 J	0.317 J	0.364 J	0.502	0.42 J	0.329 J	0.496	0.353 J	0.314 J	0.356 J	0.363 J	0.068 J	0.418 J	0.238 J
Cadmium, Total	7440-43-9	2.5	4.3	0.249 J	0.213 J	0.828 U	0.15 J	0.178 J	0.209 J	0.851 U	0.84 U	0.872 U	0.157 J	0.096 J	0.867 U	0.327 J	0.166 J	0.128 J	0.14 J	0.1 J	0.139 J	0.173 J	0.197 J	0.906 U
Calcium, Total	7440-70-2	NS	NS	31,900	2,800	70,600	2,330	54,600	2,970	15,100	824	759	53,500	1,820	700	7,950	1,600	936	5,230	620	529	38,000	4,180	372
Chromium, Total	7440-47-3	NS	NS	14	11	5.71	12	9.55	10.9	10.7	9.07	8.35	13.3	13.6	10.6	13.8	23.4	15.1	10.8	8.74	8.11	7.51	11	7.1
Cobalt, Total	7440-48-4	NS	NS	5	5.38	1.8	6.01	3.22	5.2	4.44	5.19	4.56	3.52	4.67	4.76	5.25	6.09	5.02	3.82	4.5	4.99	5.27	5	3.22
Copper, Total	7440-50-8	50	270	35.6	15	5.68	11.9	17.4	12.5	12.8	7.72	8.46	23.1	14.5	7.98	17.2	12.6	16.2	11	7.78	11	29.3	19.3	6.44
Iron, Total	7439-89-6	NS	NS	12,300	12,600	4,960	14,000	8,850	11,900	9,790	13,500	12,600	12,700	10,800	14,500	12,600	13,800	13,000	8,980	12,800	11,600	9,990	11,500	9,300
Lead, Total	7439-92-1	63	400	33.1	29.6	6.38	14.6	23.3	56.4	20.6	12.2	6.84	44	9.94	13.2	818	53.7	18.4	51.3	7.09	8.36	28.7	96.5	4.35 J
Magnesium, Total	7439-95-4	NS	NS	5,830	2,400	15,800	2,520	22,100	2,170	6,500	1,660	1,820	11,800	2,490	1,850	2,100	1,990	3,340	2,530	1,630	1,800	13,100	2,510	1,200
Manganese, Total	7439-96-5	1,600	2,000	199	244	128	360	171	265	219	209	195	146	267	179	329	214	181	172	241	119	155	251	112
Mercury, Toal	7439-97-6	0.18	0.81	0.175	0.081 J	0.073 U	0.082 U	0.073 U	0.077 U	0.077 U	0.074 U	0.075 U	0.095	0.061 J	0.097	0.08 U	0.084 U	0.094 U	0.101	0.094 U	0.088 U	0.088 U	0.167	0.094 U
Nickel, Total	7440-02-0	30	310	10.7	13.4	4.09	12.1	8.28	12.2	13	8.41	9.86	7.35	12.5	8.38	9.01	23.6	11.8	9.54	9.51	11.5	11.9	13.9	7.28
Potassium, Total	7440-09-7	NS	NS	662	699	242	573	667	836	1,070	431	444	1,190	969	358	708	398	2,450	730	414	384	605	1,030	308
Selenium, Total	7782-49-2	3.9	180	1.75 U	1.94 U	1.66 U	1.77 U	1.65 U	1.87 U	1.7 U	1.68 U	1.74 U	1.64 U	1.7 U	1.73 U	1.73 U	1.75 U	2.08 U	1.73 U	1.92 U	1.76 U	1.67 U	1.89 U	1.81 U
Silver, Total	7440-22-4	2	180	0.437 U	0.484 U	0.414 U	0.443 U	0.412 U	0.468 U	0.426 U	0.42 U	0.436 U	0.411 U	0.426 U	0.433 U	0.432 U	0.436 U	0.519 U	0.432 U	0.481 U	0.44 U	0.417 U	0.474 U	0.453 U
Sodium, Total	7440-23-5	NS	NS	554	290	153 J	278	201	126 J	188	99.3 J	145 J	437	178	122 J	430	518	330	177	153 J	138 J	420	423	140 J
Thallium, Total	7440-28-0	NS	NS	0.335 J	1.94 U	0.314 J	1.77 U	1.65 U	1.87 U	0.327 J	1.68 U	1.74 U	0.442 J	1.7 U	1.73 U	1.73 U	1.75 U	2.08 U	1.73 U	1.92 U	1.76 U	1.67 U	1.89 U	1.81 U
Vanadium, Total	7440-62-2	NS	NS	26	17.9	10.5	19.3	26.3	17.4	19	16	14.4	26.7	17.8	17.4	18.3	24	26.3	15.7	14.5	14.4	18.3	18.3	10.6
Zinc, Total	7440-66-6	109	10,000	73.1	47.9	39.3	34.4	35.7	37.4	44.6	24.8	25.2	73.5	31.5	27.1	163	50.4	32.7	45.8	24.6	31.8	58.6	57.6	18.3
Chromium by USEPA method 6010C in mg/kg																								
Chromium, Hexavalent	18540-29-9	1	110	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Chromium, Trivalent	16065-83-1	30	180	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of
NS - No standard
NT - Not tested
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear ra
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 2
Soil Metal Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	PDI016			PDI017			PDI018			PDI019		PDI020		PDI021		PDI022			PDI023		
Sample Depth:				1'	3'	5'	1'	3'	5'	1'	3'	5'	1'	3'	1'	3'	1'	3'	1'	3'	5'	1'	3'	5'
Sampling Date:				2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/15/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023
Lab Sample ID:				L2308471-14	L2308471-15	L2308471-16	L2308471-17	L2308471-18	L2308471-19	L2308197-12	L2308197-13	L2308197-14	L2308197-10	L2308197-11	L2308197-08	L2308197-09	L2308197-04	L2308197-05	L2308471-20	L2308471-21	L2308471-22	L2308471-23	L2308471-24	L2308471-25
Total Metals by USEPA Method 6010C in mg/Kg																								
Aluminum, Total	7429-90-5	NS	NS	5,720	6,240	6,180	6,480	5,080	4,440	4,940	4,200	5,560	5,970	6,700	6,620	9,790	5,220	9,000	5,260	4,340	3,400	6,000	5,570	4,820
Antimony, Total	7440-36-0	NS	NS	4.18 U	4.25 U	5.33 U	0.402 J	4.35 U	4.25 U	4.34 U	4.22 U	4.69 U	4.21 U	4.43 U	4.42 U	4.3 U	4.3 U	4.55 U	0.4 J	0.475 J	4.31 U	5.07 U	4.7 U	4.61 U
Arsenic, Total	7440-38-2	13	16	5.77	3.57	6.44	5.95	2.72	2.63	5.2	2.7	4.33	3.68	4.5	3.82	5.63	3.79	7.19	4.32	3.56	2.41	5.71	5.09	5.69
Barium, Total	7440-39-3	350	400	37.9	31.7	41.8	46.8	36	33.7	28.4	34.2	24.6	50.3	18.7	25.9	51.4	42.8	25.4	44	36.1	23.6	80.3	35.7	23.2
Beryllium, Total	7440-41-7	7.2	72	0.214 J	0.348 J	0.533 U	0.286 J	0.406 J	0.45	0.291 J	0.488	0.504	0.576	0.388 J	0.625	0.587	0.243 J	0.456	0.443 J	0.307 J	0.269 J	0.41 J	0.391 J	0.279 J
Cadmium, Total	7440-43-9	2.5	4.3	0.2 J	0.143 J	1.07 U	0.266 J	0.157 J	0.25 J	0.1 J	0.118 J	0.938 U	0.151 J	0.885 U	0.188 J	0.094 J	0.458 J	0.91 U	0.447 J	0.256 J	0.177 J	1.11	0.212 J	0.263 J
Calcium, Total	7440-70-2	NS	NS	22,100	3,340	140,000	15,800	4,290	1,920	34,300	4,760	860	38,700	706	4,060	5,550	39,400	940	9,140	17,000	1,780	14,700	1,210	4,310
Chromium, Total	7440-47-3	NS	NS	11.3	10.5	9.84	12	10.6	12.8	10.6	10.2	9.31	10.1	10.4	13.4	15	12.6	11.6	13.8	10.5	8.05	12.8	7.53	8.72
Cobalt, Total	7440-48-4	NS	NS	4	4.84	2.83	5.24	4.68	5.43	3.24	4.47	3.89	8.46	5.91	5.39	6.81	4.45	5.39	5.45	3.86	4.05	5.63	5.65	5.63
Copper, Total	7440-50-8	50	270	17.4	12.3	10.7	22.4	13.2	12.5	15	14.1	10.3	54.4	8.77	13.5	12.7	35.2	9.54	27.2	16.4	9.72	24.9	18.7	13.7
Iron, Total	7439-89-6	NS	NS	10,500	11,800	6,250	12,400	10,600	10,700	10,300	10,200	11,400	15,800	14,800	12,600	17,000	9,120	19,200	12,600	9,360	7,760	11,700	13,200	15,200
Lead, Total	7439-92-1	63	400	46.7	21.7	9.81	50	14.9	10.9	16.4	10.4	9.04	21.2	10	21.2	11.2	47.2	8.39	187	27.1	10.5	184	15.6	12.7
Magnesium, Total	7439-95-4	NS	NS	9,060	1,980	32,100	5,530	2,140	2,470	7,320	2,540	1,950	6,320	1,880	3,680	2,320	17,100	2,100	3,050	5,370	1,890	4,110	1,990	1,890
Manganese, Total	7439-96-5	1,600	2,000	197	208	155	270	272	408	139	292	223	205	314	265	282	144	211	322	244	191	277	293	207
Mercury, Toal	7439-97-6	0.18	0.81	0.093	0.075 U	0.073 J	0.132	0.09 U	0.08 U	0.052 J	0.072 U	0.077 U	0.072 J	0.063 J	0.092	0.111	0.097	0.067 J	0.097 U	0.072 J	0.076 U	0.131	0.083 U	0.081 U
Nickel, Total	7440-02-0	30	310	11.9	10.9	6.41	12	13.1	17.5	5.5	14.2	8.8	11.3	8.8	13	11.7	12.9	9.27	14.7	10.6	9.8	16.2	10	9.49
Potassium, Total	7440-09-7	NS	NS	533	542	425	544	804	876	620	1,060	568	1,410	461	1,170	898	594	557	1,120	980	814	1,180	975	446
Selenium, Total	7782-49-2	3.9	180	1.67 U	1.7 U	2.13 U	1.61 U	1.74 U	1.7 U	1.74 U	1.69 U	1.88 U	1.68 U	1.77 U	1.77 U	1.72 U	1.72 U	1.82 U	2 U	1.65 U	1.72 U	2.03 U	1.88 U	1.84 U
Silver, Total	7440-22-4	2	180	0.418 U	0.425 U	0.533 U	0.403 U	0.435 U	0.425 U	0.434 U	0.422 U	0.469 U	0.421 U	0.443 U	0.442 U	0.43 U	0.43 U	0.455 U	0.5 U	0.413 U	0.431 U	0.507 U	0.47 U	0.461 U
Sodium, Total	7440-23-5	NS	NS	277	197	182 J	146 J	159 J	127 J	316	164 J	93.2 J	273	51.5 J	115 J	141 J	346	55.4 J	119 J	128 J	90.6 J	125 J	64.7 J	70.4 J
Thallium, Total	7440-28-0	NS	NS	1.67 U	1.7 U	2.13 U	1.61 U	1.74 U	1.7 U	1.74 U	1.69 U	1.88 U	0.285 J	1.77 U	1.77 U	1.72 U	1.72 U	1.82 U	2 U	1.65 U	0.378 J	0.419 J	0.368 J	0.432 J
Vanadium, Total	7440-62-2	NS	NS	16.5	16.7	12	25.6	17.7	17	24.6	17.1	16.3	21.7	16.8	23.4	27.6	25.5	20.2	20.6	15.6	13.4	18.5	13.3	14
Zinc, Total	7440-66-6	109	10,000	46.9	37.2	19.6	55.8	32.2	35.2	36.9	31	26.5	48.2	27.6	50.8	32.9	152	29.2	87.8	73.2	33.4	252	37.5	40.3
Chromium by USEPA method 6010C in mg/kg																								
Chromium, Hexavalent	18540-29-9	1	110	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Chromium, Trivalent	16065-83-1	30	180	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of
NS - No standard
NT - Not tested
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear ra
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 2
Soil Metal Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	PDI024			PDI025				PDI026					
Sample Depth:				1'	3'	5'	1'	3'	5'	7'	1'	3'	5'	7'	9'	11'
Sampling Date:				2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023
Lab Sample ID:				L2308471-26	L2308471-27	L2308471-28	L2308471-10	L2308471-11	L2308471-12	L2308472-02	L2307987-07	L2307987-08	L2307987-09	L2307987-10	L2307987-11	L2307987-12
Total Metals by USEPA Method 6010C in mg/Kg																
Aluminum, Total	7429-90-5	NS	NS	4,580	3,670	7,880	5,460	4,970	5,850	6,190	7,450	7,280	6,620	7,700	4,200	9,500
Antimony, Total	7440-36-0	NS	NS	4.41 U	4.34 U	4.49 U	0.804 J	4.51 U	0.474 J	0.89 J	1.17 J	0.364 J	2.23 J	1.07 J	4.45 U	0.667 J
Arsenic, Total	7440-38-2	13	16	8.47	3.83	5.84	11.8	7.08	5.77	3.83	5.61	3.95	9.63	7.59	2.68	4.64
Barium, Total	7440-39-3	350	400	31.5	22	51.4	54.8	48.9	37.8	214	55	41.8	100	44.3	18	47.7
Beryllium, Total	7440-41-7	7.2	72	0.309 J	0.252 J	0.411 J	0.17 J	0.451 U	0.407 J	0.458	0.38 J	0.392 J	0.163 J	0.273 J	0.223 J	0.375 J
Cadmium, Total	7440-43-9	2.5	4.3	0.284 J	0.183 J	0.207 J	0.224 J	0.132 J	0.308 J	0.71 J	0.522 J	0.135 J	1.82	0.33 J	0.89 U	0.864 U
Calcium, Total	7440-70-2	NS	NS	3,220	2,680	15,600	70,100	81,000	7,660	16,300	16,700	11,900	62,000	18,400	5,470	22,900
Chromium, Total	7440-47-3	NS	NS	9.05	6.59	10.1	14.1	9.58	9.62	11.4	13.9	11.9	23.4	13	7.38	17.1
Cobalt, Total	7440-48-4	NS	NS	5.08	4.18	3.93	2.55	2.81	4.85	4.46	4.81	4.71	4.58	3.28	2.64	5.69
Copper, Total	7440-50-8	50	270	19.9	9.23	12.2	22.3	15.4	15.6	22.4	34.2	33.9	154	30.7	8.08	12.8
Iron, Total	7439-89-6	NS	NS	14,800	7,850	10,300	5,700	8,390	11,200	11,700	13,200	12,100	15,300	10,800	6,990	14,300
Lead, Total	7439-92-1	63	400	36.1	22.3	26.7	21	12.7	45.6	154	112	43.9	359	70.6	16.4	24
Magnesium, Total	7439-95-4	NS	NS	1,930	2,060	2,440	4,740	23,000	1,880	3,720	8,030	2,940	33,400	9,170	2,730	6,640
Manganese, Total	7439-96-5	1,600	2,000	226	172	205	149	254	254	235	277	253	217	160	106	362
Mercury, Toal	7439-97-6	0.18	0.81	0.073 J	0.072 U	0.075 U	0.111 U	0.091 U	0.095	0.059 J	0.284	0.098	0.176	0.082 J	0.095 U	0.081 U
Nickel, Total	7440-02-0	30	310	9.36	9.09	8.31	8.36	6.75	12.2	11.5	12.7	11.2	21.2	9.87	6.35	12.1
Potassium, Total	7440-09-7	NS	NS	571	517	964	471	1,300	678	1,330	737	863	761	491	383	819
Selenium, Total	7782-49-2	3.9	180	1.76 U	1.74 U	1.8 U	2.18 U	1.8 U	1.8 U	1.76 U	1.74 U	1.88 U	2.03 U	1.86 U	1.78 U	1.73 U
Silver, Total	7440-22-4	2	180	0.441 U	0.434 U	0.449 U	0.544 U	0.451 U	0.449 U	0.44 U	0.434 U	0.469 U	0.508 U	0.464 U	0.445 U	0.432 U
Sodium, Total	7440-23-5	NS	NS	147 J	98.2 J	732	226	593	115 J	150 J	133 J	148 J	187 J	165 J	78.1 J	235
Thallium, Total	7440-28-0	NS	NS	0.407 J	0.315 J	0.295 J	2.18 U	1.8 U	1.8 U	1.76 U	1.74 U	1.88 U	2.03 U	1.86 U	1.78 U	1.73 U
Vanadium, Total	7440-62-2	NS	NS	14.9	11.5	16.8	12	11.4	18	20.2	20.9	19.2	24.8	19.6	12	22.7
Zinc, Total	7440-66-6	109	10,000	68.7	39.6	50	84.2	36.5	105	330	142	117	392	95.2	37.6	54.7
Chromium by USEPA method 6010C in mg/kg																
Chromium, Hexavalent	18540-29-9	1	110	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Chromium, Trivalent	16065-83-1	30	180	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of
NS - No standard
NT - Not tested
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear ra
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 3
Soil PCB, Pesticide, and General Chemistry Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID: Sample Depth: Sampling Date: Lab Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	SB001 0-2' 3/1/2022 L2210848-14	SB001 4-6' 3/1/2022 L2210848-15	SB002 2-4' 3/1/2022 L2210848-30	SB002 6-8' 3/1/2022 L2210848-17	SB002 18-20' 3/1/2022 L2210848-19	SB003 3-5' 3/1/2022 L2210848-22	SB003 9-11' 3/1/2022 L2210848-27	SB003 15-17' 3/1/2022 L2210848-20	SB003 20-22' 3/1/2022 L2210848-28	SB004 2-4' 3/1/2022 L2210848-18	SB004 6-8' 3/1/2022 L2211451-03	SB005 0-2' 3/1/2022 L2210848-13	SB005 0-2' 3/1/2022 L2210848-13R1	SB005 8-10' 3/1/2022 L2210848-16	SB005 12-14' 3/1/2022 L2210848-29	SB005 15-17' 3/1/2022 L2211451-01
Method: 8081B - Organochlorine Pesticides (GC) - (mg/kg)																				
Heptachlor epoxide	1024-57-3	NS	NS	0.00308 U	0.00315 U	0.00342 U	0.00347 U	0.00311 U	0.00341 U	0.00336 U	0.0031 U	0.00324 U	0.00335 U	0.00355 U	0.00331 U	- -	0.00323 U	0.00324 U	0.00314 U
Endosulfan sulfate	1031-07-8	2.4	24	0.000685 U	0.0007 U	0.00076 U	0.000771 U	0.000692 U	0.000758 U	0.000746 U	0.000688 U	0.00072 U	0.000745 U	0.000788 U	0.000736 U	- -	0.000717 U	0.00072 U	0.000697 U
Aldrin	309-00-2	0.005	0.097	0.00164 U	0.00168 U	0.00182 U	0.00185 U	0.00166 U	0.00182 U	0.00179 U	0.00165 U	0.00173 U	0.00179 U	0.00189 U	0.00177 U	- -	0.00172 U	0.00173 U	0.00167 U
Alpha-BHC	319-84-6	0.02	0.48	0.000685 U	0.0007 U	0.00076 U	0.000771 U	0.000692 U	0.000758 U	0.000746 U	0.000688 U	0.00072 U	0.000745 U	0.000788 U	0.000736 U	- -	0.000717 U	0.00072 U	0.000697 U
Beta-BHC	319-85-7	0.036	0.36	0.00164 U	0.00168 U	0.00182 U	0.00185 U	0.00166 U	0.00182 U	0.00179 U	0.00165 U	0.00173 U	0.00179 U	0.00189 U	0.00177 U	- -	0.00172 U	0.00173 U	0.00167 U
Delta-BHC	319-86-8	0.04	100	0.00164 U	0.00168 U	0.00182 U	0.00185 U	0.00166 U	0.00182 U	0.00179 U	0.00165 U	0.00173 U	0.00179 U	0.00189 U	0.00177 U	- -	0.00172 U	0.00173 U	0.00167 U
Endosulfan II	33213-65-9	2.4	24	0.00164 U	0.00168 U	0.00182 U	0.00185 U	0.00166 U	0.00182 U	0.00179 U	0.00165 U	0.00173 U	0.00179 U	0.00189 U	0.00177 U	- -	0.00172 U	0.00173 U	0.00167 U
4,4'-DDT	50-29-3	0.0033	7.9	0.00874	0.0363	0.00342 U	0.00347 U	0.00311 U	0.00341 U	0.00336 U	0.0031 U	0.00324 U	0.00335 U	0.00355 U	0.00331 U	- -	0.00323 U	0.00324 U	0.00314 U
cis-Chlordane	5103-71-9	0.094	4.2	0.000726 J	0.0021 U	0.00228 U	0.00231 U	0.00207 U	0.00228 U	0.00224 U	0.00206 U	0.00216 U	0.00223 U	0.00236 U	0.635 E	0.514 IP	0.0309	0.000835 J	0.00209 U
trans-Chlordane	5103-74-2	NS	NS	0.00153 JP	0.00131 J	0.00228 U	0.00231 U	0.00207 U	0.00228 U	0.00224 U	0.00206 U	0.00216 U	0.00223 U	0.00236 U	0.564 E	0.798	0.0212 IP	0.00124 J	0.00209 U
Endrin ketone	53494-70-5	NS	NS	0.00164 U	0.00168 U	0.00182 U	0.00185 U	0.00166 U	0.00182 U	0.00179 U	0.00165 U	0.00173 U	0.00179 U	0.00189 U	0.00177 U	- -	0.00172 U	0.00173 U	0.00167 U
Chlordane	57-74-9	NS	NS	0.0137 U	0.014 U	0.0152 U	0.0154 U	0.0138 U	0.0152 U	0.0149 U	0.0138 U	0.0144 U	0.0149 U	0.0158 U	5.8 E	6.64	0.0143 U	0.0144 U	0.0139 U
gamma-Chlordane	5566-34-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Lindane	58-89-9	0.1	1.3	0.000685 U	0.0007 U	0.00076 U	0.000771 U	0.000692 U	0.000758 U	0.000746 U	0.000688 U	0.00072 U	0.000745 U	0.000788 U	0.000736 U	- -	0.000717 U	0.00072 U	0.000697 U
Dieldrin	60-57-1	0.005	0.2	0.00103 U	0.004	0.00114 U	0.00116 U	0.00104 U	0.00114 U	0.00112 U	0.00103 U	0.00108 U	0.00112 U	0.00118 U	0.0011 U	- -	0.00108 U	0.00108 U	0.00104 U
Endrin	72-20-8	0	11	0.000685 U	0.0007 U	0.00076 U	0.000771 U	0.000692 U	0.000758 U	0.000746 U	0.000688 U	0.00072 U	0.000745 U	0.000788 U	0.000736 U	- -	0.000717 U	0.00072 U	0.000697 U
Methoxychlor	72-43-5	NS	NS	0.00308 U	0.00315 U	0.00342 U	0.00347 U	0.00311 U	0.00341 U	0.00336 U	0.0031 U	0.00324 U	0.00335 U	0.00355 U	0.00331 U	- -	0.00323 U	0.00324 U	0.00314 U
4,4'-DDD	72-54-8	0.0033	13	0.000857 J	0.00197	0.00182 U	0.00185 U	0.00166 U	0.00569 P	0.00183	0.00165 U	0.00173 U	0.00179 U	0.00189 U	0.00177 U	- -	0.00172 U	0.00173 U	0.00167 U
4,4'-DDE	72-55-9	0.0033	8.9	0.00174	0.0191	0.00182 U	0.00185 U	0.00166 U	0.00273	0.00179 U	0.00165 U	0.00173 U	0.00179 U	0.00189 U	0.00177 U	- -	0.00172 U	0.00173 U	0.00167 U
Endrin aldehyde	7421-93-4	NS	NS	0.00205 U	0.0021 U	0.00228 U	0.00231 U	0.00207 U	0.00228 U	0.00224 U	0.00206 U	0.00216 U	0.00223 U	0.00236 U	0.00221 U	- -	0.00215 U	0.00216 U	0.00209 U
Heptachlor	76-44-8	0.042	2.1	0.000822 U	0.00084 U	0.000912 U	0.000925 U	0.00083 U	0.00091 U	0.000895 U	0.000826 U	0.000864 U	0.000894 U	0.000946 U	0.108	- -	0.000861 U	0.000864 U	0.000836 U
Toxaphene	8001-35-2	NS	NS	0.0308 U	0.0315 U	0.0342 U	0.0347 U	0.0311 U	0.0341 U	0.0336 U	0.031 U	0.0324 U	0.0335 U	0.0355 U	0.0331 U	- -	0.0323 U	0.0324 U	0.0314 U
Endosulfan I	959-98-8	2.4	24	0.00164 U	0.00168 U	0.00182 U	0.00185 U	0.00166 U	0.00182 U	0.00179 U	0.00165 U	0.00173 U	0.00179 U	0.00189 U	0.00177 U	- -	0.00172 U	0.00173 U	0.00167 U
Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - (mg/kg)																				
Aroclor 1016	12674-11-2	0.1	1	0.0342 U	0.0356 U	0.0374 U	0.0374 U	0.0353 U	0.0373 U	0.038 U	0.033 U	0.0363 U	0.0374 U	0.0391 U	0.0369 U	- -	0.184 U	0.0371 U	0.0359 U
Aroclor 1221	11104-28-2	0.1	1	0.0342 U	0.0356 U	0.0374 U	0.0374 U	0.0353 U	0.0373 U	0.038 U	0.033 U	0.0363 U	0.0374 U	0.0391 U	0.0369 U	- -	0.184 U	0.0371 U	0.0359 U
Aroclor 1232	11141-16-5	0.1	1	0.0342 U	0.0356 U	0.0374 U	0.0374 U	0.0353 U	0.0373 U	0.038 U	0.033 U	0.0363 U	0.0374 U	0.0391 U	0.0369 U	- -	0.184 U	0.0371 U	0.0359 U
Aroclor 1242	53469-21-9	0.1	1	0.0342 U	0.0356 U	0.0374 U	0.0374 U	0.0353 U	0.0373 U	0.038 U	0.033 U	0.0363 U	0.0374 U	0.0391 U	0.0369 U	- -	0.184 U	0.0371 U	0.0359 U
Aroclor 1248	12672-29-6	0.1	1	0.0342 U	0.0356 U	0.0374 U	0.0374 U	0.0353 U	0.0373 U	0.038 U	0.033 U	0.0363 U	0.0374 U	0.0391 U	0.0369 U	- -	0.846	0.0371 U	0.0359 U
Aroclor 1254	11097-69-1	0.1	1	0.0188 J	0.0356 U	0.0374 U	0.0374 U	0.0353 U	0.0373 U	0.038 U	0.033 U	0.0363 U	0.215	0.0391 U	0.0369 U	- -	0.943	0.0102 J	0.0359 U
Aroclor 1260	11096-82-5	0.1	1	0.00812 J	0.00832 J	0.0374 U	0.0374 U	0.0353 U	0.037 J	0.038 U	0.033 U	0.0363 U	0.0374 U	0.0391 U	0.0369 U	- -	0.184 U	0.0371 U	0.0359 U
Aroclor 1262	37324-23-5	0.1	1	0.0342 U	0.0356 U	0.0374 U	0.0374 U	0.0353 U	0.0373 U	0.038 U	0.033 U	0.0363 U	0.0374 U	0.0391 U	0.0369 U	- -	0.184 U	0.0371 U	0.0359 U
Aroclor 1268	11100-14-4	0.1	1	0.0342 U	0.00382 J	0.00419 J	0.0374 U	0.0353 U	0.0373 U	0.038 U	0.033 U	0.0363 U	0.0374 U	0.0391 U	0.0369 U	- -	0.184 U	0.0371 U	0.0359 U
PCBs, Total	1336-36-3	0.1	1	0.0269 J	0.0121 J	0.00419 J	0.0374 U	0.0353 U	0.037 J	0.038 U	0.033 U	0.0363 U	0.215	0.0391 U	0.0369 U	- -	1.79	0.0102 J	0.0359 U
Method: 8151B - Herbicides - (mg/kg)																				
2,4,5-TP (Silvex)	93-72-1	3.8	100a	0.173 U	0.183 U	0.189 U	0.193 U	0.177 U	0.188 U	0.192 U	0.173 U	0.178 U	0.188 U	0.197 U	0.184 U	- -	0.184 U	0.186 U	0.181 U
General Chemistry																				
Cyanide, Total	57-12-5	27	27	0.53 J	1 U	0.81 J	1.1 U	1 U	1.1 U	1.1 U	0.96 U	1 U	1.1 U	1.2 U	1.1 U	- -	1 U	1.1 U	1.1 U

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Objective Table 375-6.8a 12/06
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of Soil Cleanup Objective Table 375-6.8b 12/06
NS - No standard
NT - Not Analyzed
J - Estimated Value
U - The compound was not detected at the indicated concentration
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 3
Soil PCB, Pesticide, and General Chemistry Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID: Sample Depth: Sampling Date: Lab Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	SB006 3-4' 3/1/2022 L2210848-04	SB006 4-6' 3/1/2022 L2210848-03	SB007 3-5' 3/1/2022 L2210848-05	SB007 7-9' 3/1/2022 L2210848-06	SB007 18-20' 3/1/2022 L2210848-07	SB008 0-2' 3/1/2022 L2210848-09	SB008 2-4' 3/1/2022 L2210848-12	SB008 6-8' 3/1/2022 L2210848-10	SB008 12-14' 3/1/2022 L2210848-02	SB009 3-5' 3/1/2022 L2210848-32	SB009 5-7' 3/1/2022 L2211451-02	SB009 9-11' 3/1/2022 L2210848-31	SB010 0-2' 3/1/2022 L2210848-01	SB010 4-6' 3/1/2022 L2210848-25	SB010 8-10' 3/1/2022 L2210848-26	SB011 0-2' 3/1/2022 L2210848-21	SB011 6-8' 3/1/2022 L2210848-24	SB011 18-20' 3/1/2022 L2210848-23
Method: 8081B - Organochlorine Pesticides (GC) - (mg/kg)																					
Heptachlor epoxide	1024-57-3	NS	NS	0.00321 U	0.00307 U	0.00331 U	0.00353 U	0.00322 U	0.00313 U	0.00319 U	0.00339 U	0.00331 U	0.00317 U	0.00329 U	0.00334 U	0.00316 U	0.00316 U	0.00331 U	0.0335 U	0.00332 U	0.00322 U
Endosulfan sulfate	1031-07-8	2.4	24	0.000713 U	0.000683 U	0.000736 U	0.000785 U	0.000715 U	0.000696 U	0.000709 U	0.000754 U	0.000735 U	0.000705 U	0.000732 U	0.000741 U	0.000702 U	0.000703 U	0.000736 U	0.00745 U	0.000738 U	0.000715 U
Aldrin	309-00-2	0.005	0.097	0.00171 U	0.00164 U	0.00177 U	0.00188 U	0.00172 U	0.00167 U	0.0017 U	0.00181 U	0.00176 U	0.00169 U	0.00176 U	0.00178 U	0.00168 U	0.00169 U	0.00177 U	0.0179 U	0.00177 U	0.00172 U
Alpha-BHC	319-84-6	0.02	0.48	0.000713 U	0.000683 U	0.000736 U	0.000785 U	0.000715 U	0.000696 U	0.000709 U	0.000754 U	0.000735 U	0.000705 U	0.000732 U	0.000741 U	0.000702 U	0.000703 U	0.000736 U	0.00745 U	0.000738 U	0.000715 U
Beta-BHC	319-85-7	0.036	0.36	0.00171 U	0.00164 U	0.00177 U	0.00188 U	0.00172 U	0.00167 U	0.0017 U	0.00181 U	0.00176 U	0.00169 U	0.00176 U	0.00178 U	0.00168 U	0.00169 U	0.00177 U	0.0179 U	0.00177 U	0.00172 U
Delta-BHC	319-86-8	0.04	100	0.00171 U	0.00164 U	0.00177 U	0.00188 U	0.00172 U	0.00167 U	0.0017 U	0.00181 U	0.00176 U	0.00169 U	0.00176 U	0.00178 U	0.00168 U	0.00169 U	0.00177 U	0.0179 U	0.00177 U	0.00172 U
Endosulfan II	33213-65-9	2.4	24	0.00171 U	0.00164 U	0.00177 U	0.00188 U	0.00172 U	0.00167 U	0.0017 U	0.00181 U	0.00176 U	0.00169 U	0.00176 U	0.00178 U	0.00168 U	0.00169 U	0.00177 U	0.0179 U	0.00177 U	0.00172 U
4,4'-DDT	50-29-3	0.0033	7.9	0.00321 U	0.00307 U	0.00331 U	0.00353 U	0.00322 U	0.00313 U	0.00319 U	0.00339 U	0.00331 U	0.00317 U	0.00329 U	0.00334 U	0.00316 U	0.00218 J	0.00331 U	0.0335 U	0.00332 U	0.00322 U
cis-Chlordane	5103-71-9	0.094	4.2	0.00214 U	0.00205 U	0.00221 U	0.00235 U	0.00215 U	0.00209 U	0.00213 U	0.00226 U	0.0022 U	0.00211 U	0.00219 U	0.00222 U	0.00454	0.00794	0.00221 U	0.0223 U	0.00221 U	0.00214 U
trans-Chlordane	5103-74-2	NS	NS	0.00214 U	0.00205 U	0.00221 U	0.00235 U	0.00215 U	0.00209 U	0.00213 U	0.00226 U	0.0022 U	0.00211 U	0.00219 U	0.00222 U	0.00414	0.00734	0.00221 U	0.0223 U	0.00221 U	0.00214 U
Endrin ketone	53494-70-5	NS	NS	0.00171 U	0.00164 U	0.00177 U	0.00188 U	0.00172 U	0.00167 U	0.0017 U	0.00181 U	0.00176 U	0.00169 U	0.00176 U	0.00178 U	0.00168 U	0.00169 U	0.00177 U	0.0179 U	0.00177 U	0.00172 U
Chlordane	57-74-9	NS	NS	0.0143 U	0.0136 U	0.0147 U	0.0157 U	0.0143 U	0.0139 U	0.0142 U	0.0151 U	0.0147 U	0.0141 U	0.0146 U	0.0148 U	0.014 U	0.0414 P	0.0147 U	0.149 U	0.0148 U	0.0143 U
gamma-Chlordane	5566-34-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Lindane	58-89-9	0.1	1.3	0.000713 U	0.000683 U	0.000736 U	0.000785 U	0.000715 U	0.000696 U	0.000709 U	0.000754 U	0.000735 U	0.000705 U	0.000732 U	0.000741 U	0.000702 U	0.000703 U	0.000736 U	0.00745 U	0.000738 U	0.000715 U
Dieldrin	60-57-1	0.005	0.2	0.00107 U	0.00102 U	0.0011 U	0.00118 U	0.00107 U	0.00104 U	0.00106 U	0.00113 U	0.0011 U	0.00106 U	0.0011 U	0.00111 U	0.00198	0.00164	0.0011 U	0.0112 U	0.00111 U	0.00107 U
Endrin	72-20-8	0	11	0.000713 U	0.000683 U	0.000736 U	0.000785 U	0.000715 U	0.000696 U	0.000709 U	0.000754 U	0.000735 U	0.000705 U	0.000732 U	0.000741 U	0.000702 U	0.000703 U	0.000736 U	0.00745 U	0.000738 U	0.000715 U
Methoxychlor	72-43-5	NS	NS	0.00321 U	0.00307 U	0.00331 U	0.00353 U	0.00322 U	0.00313 U	0.00319 U	0.00339 U	0.00331 U	0.00317 U	0.00329 U	0.00334 U	0.00316 U	0.00316 U	0.00331 U	0.0335 U	0.00332 U	0.00322 U
4,4'-DDD	72-54-8	0.0033	13	0.00171 U	0.00164 U	0.00177 U	0.00188 U	0.00172 U	0.00167 U	0.0017 U	0.00181 U	0.00176 U	0.00169 U	0.00176 U	0.00178 U	0.00168 U	0.00169 U	0.00177 U	0.0179 U	0.00177 U	0.00172 U
4,4'-DDE	72-55-9	0.0033	8.9	0.00171 U	0.00164 U	0.00177 U	0.00188 U	0.00172 U	0.00167 U	0.0017 U	0.00181 U	0.00176 U	0.00169 U	0.00176 U	0.00178 U	0.00129 J	0.00366	0.00177 U	0.0179 U	0.00177 U	0.00172 U
Endrin aldehyde	7421-93-4	NS	NS	0.00214 U	0.00205 U	0.00221 U	0.00235 U	0.00215 U	0.00209 U	0.00213 U	0.00226 U	0.0022 U	0.00211 U	0.00219 U	0.00222 U	0.0021 U	0.00211 U	0.00221 U	0.0223 U	0.00221 U	0.00214 U
Heptachlor	76-44-8	0.042	2.1	0.000856 U	0.000819 U	0.000883 U	0.000942 U	0.000858 U	0.000835 U	0.000851 U	0.000905 U	0.000882 U	0.000846 U	0.000878 U	0.00089 U	0.000842 U	0.000843 U	0.000884 U	0.00894 U	0.000886 U	0.000858 U
Toxaphene	8001-35-2	NS	NS	0.0321 U	0.0307 U	0.0331 U	0.0353 U	0.0322 U	0.0313 U	0.0319 U	0.0339 U	0.0331 U	0.0317 U	0.0329 U	0.0334 U	0.0316 U	0.0316 U	0.0331 U	0.335 U	0.0332 U	0.0322 U
Endosulfan I	959-98-8	2.4	24	0.00171 U	0.00164 U	0.00177 U	0.00188 U	0.00172 U	0.00167 U	0.0017 U	0.00181 U	0.00176 U	0.00169 U	0.00176 U	0.00178 U	0.00168 U	0.00169 U	0.00177 U	0.0179 U	0.00177 U	0.00172 U
Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - (mg/kg)																					
Aroclor 1016	12674-11-2	0.1	1	0.0362 U	0.0349 U	0.037 U	0.0378 U	0.037 U	0.0358 U	0.0358 U	0.037 U	0.0358 U	0.0354 U	0.0376 U	0.0381 U	0.0346 U	0.0356 U	0.0364 U	0.0371 U	0.039 U	0.036 U
Aroclor 1221	11104-28-2	0.1	1	0.0362 U	0.0349 U	0.037 U	0.0378 U	0.037 U	0.0358 U	0.0358 U	0.037 U	0.0358 U	0.0354 U	0.0376 U	0.0381 U	0.0346 U	0.0356 U	0.0364 U	0.0371 U	0.039 U	0.036 U
Aroclor 1232	11141-16-5	0.1	1	0.0362 U	0.0349 U	0.037 U	0.0378 U	0.037 U	0.0358 U	0.0358 U	0.037 U	0.0358 U	0.0354 U	0.0376 U	0.0381 U	0.0346 U	0.0356 U	0.0364 U	0.0371 U	0.039 U	0.036 U
Aroclor 1242	53469-21-9	0.1	1	0.0362 U	0.0349 U	0.037 U	0.0378 U	0.037 U	0.0358 U	0.0358 U	0.037 U	0.0358 U	0.0354 U	0.0376 U	0.0381 U	0.0346 U	0.0356 U	0.0364 U	0.0371 U	0.039 U	0.036 U
Aroclor 1248	12672-29-6	0.1	1	0.0362 U	0.0349 U	0.037 U	0.0378 U	0.037 U	0.0358 U	0.0358 U	0.037 U	0.0358 U	0.0354 U	0.0376 U	0.0381 U	0.0346 U	0.0356 U	0.0364 U	0.0371 U	0.039 U	0.036 U
Aroclor 1254	11097-69-1	0.1	1	0.0362 U	0.0349 U	0.037 U	0.0378 U	0.037 U	0.0425	0.0358 U	0.037 U	0.0358 U	0.0354 U	0.0376 U	0.0381 U	0.0346 U	0.0356 U	0.0364 U	0.0371 U	0.039 U	0.036 U
Aroclor 1260	11096-82-5	0.1	1	0.0362 U	0.0349 U	0.037 U	0.0378 U	0.037 U	0.0358 U	0.0358 U	0.037 U	0.0358 U	0.0354 U	0.0376 U	0.0381 U	0.0346 U	0.0356 U	0.0364 U	0.0371 U	0.039 U	0.036 U
Aroclor 1262	37324-23-5	0.1	1	0.0362 U	0.0349 U	0.037 U	0.0378 U	0.037 U	0.0358 U	0.0358 U	0.037 U	0.0358 U	0.0354 U	0.0376 U	0.0381 U	0.0346 U	0.0356 U	0.0364 U	0.0371 U	0.039 U	0.036 U
Aroclor 1268	11100-14-4	0.1	1	0.0362 U	0.0349 U	0.037 U	0.0378 U	0.037 U	0.0358 U	0.0358 U	0.037 U	0.0358 U	0.0354 U	0.0376 U	0.0381 U	0.0346 U	0.0356 U	0.0364 U	0.0371 U	0.039 U	0.036 U
PCBs, Total	1336-36-3	0.1	1	0.0362 U	0.0349 U	0.037 U	0.0378 U	0.037 U	0.0425	0.0358 U	0.037 U	0.0358 U	0.0354 U	0.0376 U	0.0381 U	0.0346 U	0.0356 U	0.0364 U	0.0371 U	0.039 U	0.036 U
Method: 8151B - Herbicides - (mg/kg)																					
2,4,5-TP (Silvex)	93-72-1	3.8	100a	0.18 U	0.18 U	0.188 U	0.196 U	0.182 U	0.18 U	0.186 U	0.191 U	0.185 U	0.177 U	0.189 U	0.195 U	0.179 U	0.183 U	0.19 U	0.186 U	0.195 U	0.18 U
General Chemistry																					
Cyanide, Total	57-12-5	27	27	1 U	1 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1 U	1 U	1.1 U	1.1 U	1.1 U	1.1 U

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use c
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of S
NS - No standard
NT - Not Analyzed
J - Estimated Value
U - The compound was not detected at the indicated concentration
E - Concentration of analyte exceeds the range of the calibration curve and/or linear ra
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 3
Soil PCB, Pesticide, and General Chemistry Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID: Sample Depth: Sampling Date: Lab Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	SB012 6'-8' 8/3/2022 22H0308-02	SB012 8'-10' 8/3/2022 22H0308-03	SB013 6'-8' 8/3/2022 22H0308-04	SB014 2'-4' 8/3/2022 22H0308-14	SB014 4'-6' 8/3/2022 22H0308-15	SB015 10'-12' 8/3/2022 22H0308-17	SB016 10'-12' 8/3/2022 22H0308-16	SB017 3'-5' 8/3/2022 22H0308-13	SB017 5'-7' 8/3/2022 22H0306-03	SB018 3'-5' 8/3/2022 22H0308-10	SB018 5'-7' 8/3/2022 22H0308-11	SB019 17'-19' 8/3/2022 22H0308-08	SB020 8'-10' 8/3/2022 22H0308-09	SB021 13'-15' 8/3/2022 22H0308-07	SB022 8'-10' 8/3/2022 22H0308-06	SB023 8'-10' 8/3/2022 22H0308-05	SB024 5'-7' 8/3/2022 22H0308-01	SB024 13'-15' 8/3/2022 22H0306-01	SB024 15'-17' 8/3/2022 22H0306-02	DUP004 8/3/2022 22H0306-12
Method: 8081B - Organochlorine Pesticides (GC) - (mg/kg)																									
Heptachlor epoxide	1024-57-3	NS	NS	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Endosulfan sulfate	1031-07-8	2.4	24	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Aldrin	309-00-2	0.005	0.097	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Alpha-BHC	319-84-6	0.02	0.48	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Beta-BHC	319-85-7	0.036	0.36	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Delta-BHC	319-86-8	0.04	100	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Endosulfan II	33213-65-9	2.4	24	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
4,4'-DDT	50-29-3	0.0033	7.9	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
cis-Chlordane	5103-71-9	0.094	4.2	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
trans-Chlordane	5103-74-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Endrin ketone	53494-70-5	NS	NS	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Chlordane	57-74-9	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
gamma-Chlordane	5566-34-7	NS	NS	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Lindane	58-89-9	0.1	1.3	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Dieldrin	60-57-1	0.005	0.2	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Endrin	72-20-8	0	11	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Methoxychlor	72-43-5	NS	NS	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
4,4'-DDD	72-54-8	0.0033	13	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
4,4'-DDE	72-55-9	0.0033	8.9	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Endrin aldehyde	7421-93-4	NS	NS	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Heptachlor	76-44-8	0.042	2.1	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Toxaphene	8001-35-2	NS	NS	0.173 U	0.174 U	0.173 U	0.185 U	0.187 U	0.2 U	0.18 U	0.179 U	0.189 U	0.181 U	0.181 U	0.17 U	0.194 U	0.175 U	0.182 U	0.189 U	0.181 U	0.176 U	0.174 U	0.175 U
Endosulfan I	959-98-8	2.4	24	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - (mg/kg)																							
Aroclor 1016	12674-11-2	0.1	1	0.0175 U	0.0176 U	0.0175 U	0.0187 U	0.0188 U	0.0202 U	0.0181 U	0.0181 U	0.0191 U	0.0183 U	0.0183 U	0.0172 U	0.0195 U	0.0177 U	0.0184 U	0.0191 U	0.0182 U	0.0178 U	0.0175 U	0.0177 U
Aroclor 1221	11104-28-2	0.1	1	0.0175 U	0.0176 U	0.0175 U	0.0187 U	0.0188 U	0.0202 U	0.0181 U	0.0181 U	0.0191 U	0.0183 U	0.0183 U	0.0172 U	0.0195 U	0.0177 U	0.0184 U	0.0191 U	0.0182 U	0.0178 U	0.0175 U	0.0177 U
Aroclor 1232	11141-16-5	0.1	1	0.0175 U	0.0176 U	0.0175 U	0.0187 U	0.0188 U	0.0202 U	0.0181 U	0.0181 U	0.0191 U	0.0183 U	0.0183 U	0.0172 U	0.0195 U	0.0177 U	0.0184 U	0.0191 U	0.0182 U	0.0178 U	0.0175 U	0.0177 U
Aroclor 1242	53469-21-9	0.1	1	0.0175 U	0.0176 U	0.0175 U	0.0187 U	0.0188 U	0.0202 U	0.0181 U	0.0181 U	0.0191 U	0.0183 U	0.0183 U	0.0172 U	0.0195 U	0.0177 U	0.0184 U	0.0191 U	0.0182 U	0.0178 U	0.0175 U	0.0177 U
Aroclor 1248	12672-29-6	0.1	1	0.0175 U	0.0176 U	0.0175 U	0.0187 U	0.0188 U	0.0202 U	0.0181 U	0.0181 U	0.0191 U	0.0183 U	0.0183 U	0.0172 U	0.0195 U	0.0177 U	0.0184 U	0.0191 U	0.0182 U	0.0178 U	0.0175 U	0.0177 U
Aroclor 1254	11097-69-1	0.1	1	0.0175 U	0.0176 U	0.0175 U	0.0187 U	0.0188 U	0.0202 U	0.0181 U	0.0181 U	0.0191 U	0.0183 U	0.0183 U	0.0172 U	0.0195 U	0.0177 U	0.0184 U	0.0191 U	0.0182 U	0.0178 U	0.0175 U	0.0177 U
Aroclor 1260	11096-82-5	0.1	1	0.0175 U	0.0176 U	0.0175 U	0.0187 U	0.0188 U	0.0202 U	0.0181 U	0.0181 U	0.0191 U	0.0183 U	0.0183 U	0.0172 U	0.0195 U	0.0177 U	0.0184 U	0.0191 U	0.0182 U	0.0178 U	0.0175 U	0.0177 U
Aroclor 1262	37324-23-5	0.1	1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Aroclor 1268	11100-14-4	0.1	1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
PCBs, Total	1336-36-3	0.1	1	0.0175 U	0.0176 U	0.0175 U	0.0187 U	0.0188 U	0.0202 U	0.0181 U	0.0181 U	0.0191 U	0.0183 U	0.0183 U	0.0172 U	0.0195 U	0.0177 U	0.0184 U	0.0191 U	0.0182 U	0.0178 U	0.0175 U	0.0177 U
Method: 8151B - Herbicides - (mg/kg)																							
2,4,5-TP (Silvex)	93-72-1	3.8	100a	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
General Chemistry																							
Cyanide, Total	57-12-5	27	27	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use c
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of S
NS - No standard
NT - Not Analyzed
J - Estimated Value
U - The compound was not detected at the indicated concentration
E - Concentration of analyte exceeds the range of the calibration curve and/or linear ra
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 3
Soil PCB, Pesticide, and General Chemistry Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID: / Sample Depth: / Sampling Date: / Lab Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	PDI006						PDI007		PDI026					
				1' 2/14/2023 L2307987-21	3' 2/14/2023 L2307987-22	5' 2/14/2023 L2307987-23	7' 2/14/2023 L2307987-24	9' 2/14/2023 L2307987-25	11' 2/14/2023 L2307987-30	1' 2/15/2023 L2308197-15	3' 2/15/2023 L2308197-16	1' 2/14/2023 L2307987-07	3' 2/14/2023 L2307987-08	5' 2/14/2023 L2307987-09	7' 2/14/2023 L2307987-10	9' 2/14/2023 L2307987-11	11' 2/14/2023 L2307987-12
Method: 8081B - Organochlorine Pesticides (GC) - (mg/kg)																	
Heptachlor epoxide	1024-57-3	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Endosulfan sulfate	1031-07-8	2.4	24	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Aldrin	309-00-2	0.005	0.097	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Alpha-BHC	319-84-6	0.02	0.48	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Beta-BHC	319-85-7	0.036	0.36	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Delta-BHC	319-86-8	0.04	100	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Endosulfan II	33213-65-9	2.4	24	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
4,4'-DDT	50-29-3	0.0033	7.9	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
cis-Chlordane	5103-71-9	0.094	4.2	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
trans-Chlordane	5103-74-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Endrin ketone	53494-70-5	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Chlordane	57-74-9	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
gamma-Chlordane	5566-34-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Lindane	58-89-9	0.1	1.3	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Dieldrin	60-57-1	0.005	0.2	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Endrin	72-20-8	0	11	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Methoxychlor	72-43-5	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
4,4'-DDD	72-54-8	0.0033	13	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
4,4'-DDE	72-55-9	0.0033	8.9	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Endrin aldehyde	7421-93-4	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Heptachlor	76-44-8	0.042	2.1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Toxaphene	8001-35-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Endosulfan I	959-98-8	2.4	24	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - (mg/kg)																	
Aroclor 1016	12674-11-2	0.1	1	0.0368 U	0.0362 U	0.215 U	0.186 U	0.0367 U	0.185 U	0.0361 U	0.0409 U	0.0364 U	0.0394 U	0.0435 U	0.0393 U	0.0375 U	0.0366 U
Aroclor 1221	11104-28-2	0.1	1	0.0368 U	0.0362 U	0.215 U	0.186 U	0.0367 U	0.185 U	0.0361 U	0.0409 U	0.0364 U	0.0394 U	0.0435 U	0.0393 U	0.0375 U	0.0366 U
Aroclor 1232	11141-16-5	0.1	1	0.0368 U	0.0362 U	0.215 U	0.186 U	0.0367 U	0.185 U	0.0361 U	0.0409 U	0.0364 U	0.0394 U	0.0435 U	0.0393 U	0.0375 U	0.0366 U
Aroclor 1242	53469-21-9	0.1	1	0.0368 U	0.0362 U	0.215 U	0.186 U	0.0367 U	0.185 U	0.0361 U	0.0409 U	0.0364 U	0.0394 U	0.0435 U	0.0393 U	0.0375 U	0.0366 U
Aroclor 1248	12672-29-6	0.1	1	0.0368 U	0.0362 U	0.215 U	0.186 U	0.0367 U	0.185 U	0.0361 U	0.0409 U	0.0364 U	0.0394 U	0.0435 U	0.0393 U	0.0375 U	0.0366 U
Aroclor 1254	11097-69-1	0.1	1	0.0368 U	0.0362 U	0.215 U	0.186 U	0.0071 J	0.185 U	0.0098 J	0.0409 U	0.0599	0.0394 U	0.0134 J	0.0393 U	0.0375 U	0.00917 J
Aroclor 1260	11096-82-5	0.1	1	0.00723 J	0.0362 U	0.215 U	0.186 U	0.0367 U	0.185 U	0.0361 U	0.0409 U	0.0364 U	0.0394 U	0.0115 J	0.0225 J	0.0375 U	0.00759 J
Aroclor 1262	37324-23-5	0.1	1	0.0368 U	0.0362 U	0.215 U	0.186 U	0.0367 U	0.185 U	0.0361 U	0.0409 U	0.0364 U	0.0394 U	0.0435 U	0.0393 U	0.0375 U	0.0366 U
Aroclor 1268	11100-14-4	0.1	1	0.0368 U	0.0362 U	0.215 U	0.186 U	0.0367 U	0.185 U	0.0361 U	0.0409 U	0.0364 U	0.0394 U	0.0435 U	0.0393 U	0.0375 U	0.0366 U
PCBs, Total	1336-36-3	0.1	1	0.00723 J	0.0362 U	0.215 U	0.186 U	0.0071 J	0.185 U	0.0098 J	0.0409 U	0.0599	0.0394 U	0.0249 J	0.0225 J	0.0375 U	0.0168 J
Method: 8151B - Herbicides - (mg/kg)																	
2,4,5-TP (Silvex)	93-72-1	3.8	100a	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
General Chemistry																	
Cyanide, Total	57-12-5	27	27	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use c
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of S
NS - No standard
NT - Not Analyzed
J - Estimated Value
U - The compound was not detected at the indicated concentration
E - Concentration of analyte exceeds the range of the calibration curve and/or linear ra
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

APPENDIX A

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON, CT

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI001	BORING DEPTH (FT): 15	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/14/2023	DATE FINISHED: 02/14/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 10:40	TIME FINISHED: 11:00
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0			3	SILTY SAND (SM): Black, dry, Silty-sand, low plasticity		0.0	
4.0				INORGANIC SILTS AND VERY FINE SANDS (ML): brown, wet, clays silt, high plasticity		4.0	
5.0			4.5	SILTY SAND (SM): Brown, dry, silty-sand, low plasticity		5.0	
8.0				SILTY SAND (SM): Brown, wet, silty-sand, low plasticity		8.0	
9.0				POORLY GRADED SAND (SP): light brown, dry, Poorly graded sands, little fines, no plasticity		9.0	
12.0			4	SILTY SAND (SM): Reddish brown, dry, silty-sand, little fines, low plasticity		12.0	
15.0						15.0	

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI002	BORING DEPTH (FT): 15	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/14/2023	DATE FINISHED: 02/14/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 09:55	TIME FINISHED: 10:15
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0			3.5	SILTY SAND (SM): Brown, dry, Silty-sand, low plasticity		0.0	
5.0			3.5	POORLY GRADED SAND (SP): brown, dry, poorly-graded sands little fines,non plasticy, loose		5.0	
10.0			5			10.0	
13.0				SILTY SAND (SM): Reddish brown, dry, Silty-sand, low plasticity		13.0	
15.0						15.0	

P.W. Grosser Consulting | **End of Boring Depth (feet):** 15 | **Water Table Symbol:** ▼ | Page 1 of 1

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI003	BORING DEPTH (FT): 15	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/14/2023	DATE FINISHED: 02/14/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 08:40	TIME FINISHED: 09:00
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0			4	INORGANIC SILTS AND VERY FINE SANDS (ML): brown, dry, Inorganic silt, slight plasticity		0.0	
5.0			4	INORGANIC SILTS AND VERY FINE SANDS (ML): brown, moist, silty sand, no plasticity		5.0	
7.0			4	SILTY SAND (SM): Brown, moist, Silty- sand, low plasticity		7.0	
10.0			4	INORGANIC SILTS AND VERY FINE SANDS (ML): red, pink and reddish brown mixed, dry, Silty-fine sand, slight plasticity with petroleum odor		10.0	
15.0						15.0	

P.W. Grosser Consulting | **End of Boring Depth (feet):** 15 | **Water Table Symbol:** ▼ | Page 1 of 1

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI004	BORING DEPTH (FT): 15	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/14/2023	DATE FINISHED: 02/14/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 09:05	TIME FINISHED: 09:20
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0 – 5.0			3	INORGANIC SILTS AND VERY FINE SANDS (ML): debris brown, dry, inorganic silt		0.0 – 5.0	
5.0 – 10.0			1.25	SILTY SAND (SM): brown, moist, Silty- sand, non plasticity		5.0 – 10.0	
10.0 – 15.0			4	INORGANIC SILTS AND VERY FINE SANDS (ML): debris brown, moist, Silty-fine sands, slight plasciticty, oil stained with pretroleum odor		10.0 – 15.0	

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI005	BORING DEPTH (FT): 15	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/14/2023	DATE FINISHED: 02/14/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 11:20	TIME FINISHED: 11:40
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0			2.5	CLEAN GRAVELS (GW): Brown, dry, poorly-graded, no plasticity		0.0	
1.0						1.0	
2.0						2.0	
3.0				SANDS WITH FINES (SC): Dark brown, wet, clayey sands, medium plasticity		3.0	
4.0						4.0	
5.0			4.5	SILTY SAND (SM): Beige, dry, silty-sand mixture, low plasticity		5.0	
6.0						6.0	
7.0				SANDS WITH FINES (SC): Gray, wet, clayey sands, medium plasticity		7.0	
8.0						8.0	
9.0						9.0	
10.0			4.5	POORLY GRADED SAND (SP): Reddish brown, dry, Poorly graded sands, little fines, no plasticity		10.0	
11.0						11.0	
12.0						12.0	
13.0						13.0	
14.0						14.0	
15.0						15.0	

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI006	BORING DEPTH (FT): 15	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/14/2023	DATE FINISHED: 02/14/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 12:10	TIME FINISHED: 12:30
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0						0.0	
1.0						1.0	
2.0			3			2.0	
3.0						3.0	
4.0						4.0	
5.0						5.0	
6.0				SILTY SAND (SM): Brown, dry, Silty-sand, slight plasticity		6.0	
7.0			3			7.0	
8.0						8.0	
9.0						9.0	
10.0						10.0	
11.0						11.0	
12.0			4	POORLY GRADED SAND (SP): Brown, dry, Silty-sand, Poorly-graded sand, little fines, slight plasticity		12.0	
13.0						13.0	
14.0						14.0	
15.0						15.0	

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI007	BORING DEPTH (FT): 10	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/15/2023	DATE FINISHED: 02/15/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 07:40	TIME FINISHED: 07:50
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

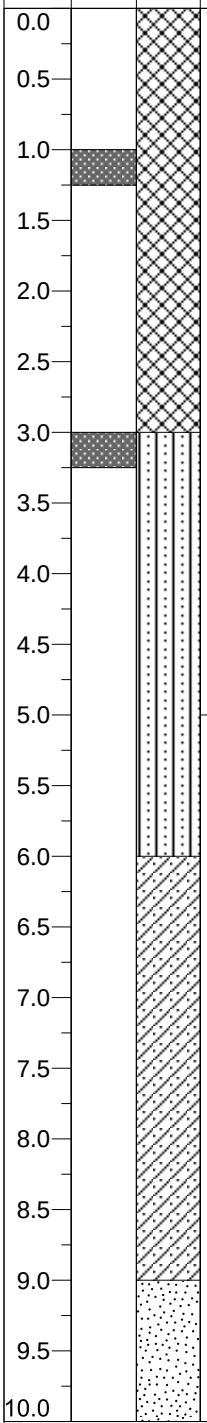
DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0 – 5.0			1	SILTY SAND (SM): Brown, dry, sand-silt mixture, slight plasticity		0.0 – 5.0	
5.0 – 10.0			1.5	POORLY GRADED SAND (SP): light black and brown, dry, Poorly graded sand, slight plasticity		5.0 – 10.0	

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI008	BORING DEPTH (FT): 10	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/15/2023	DATE FINISHED: 02/15/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 08:15	TIME FINISHED: 08:20
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0 – 2.0			2	SILTY SAND (SM): Black, dry, silty-sand, no plasticity	4.7	0.0 – 2.0	
2.0 – 3.0				INORGANIC SILTS AND VERY FINE SANDS (ML): brown, dry, silty-fine sand, slight plasticity	4.7	2.0 – 3.0	
3.0 – 5.0				INORGANIC SILTS AND VERY FINE SANDS (ML): brown, moist, silty-fine sand, slight plasticity	2.3	3.0 – 5.0	
5.0 – 7.0			2			5.0 – 7.0	
7.0 – 9.0						7.0 – 9.0	
9.0 – 10.0				POORLY GRADED SAND (SP): brown, moist, Poorly graded sand, low plasticity	2.3	9.0 – 10.0	

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI009	BORING DEPTH (FT): 10	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/15/2023	DATE FINISHED: 02/15/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 08:40	TIME FINISHED: 08:50
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0 – 3.0			2.5	FILL MATERIAL: White gray, dry, fill material	18.4	0.0 – 3.0	
3.0 – 6.0				SILTY SAND (SM): Brown, dry, sand-silt mixture, no plasticity	18.4	3.0 – 6.0	
6.0 – 9.0			4	SANDS WITH FINES (SC): Brown, moist, clayey sands, medium plasticity	25.5	6.0 – 9.0	
9.0 – 10.0				POORLY GRADED SAND (SP): brown, moist, Poorly graded sand, low plasticity	25.5	9.0 – 10.0	



P.W. Grosser Consulting	**End of Boring Depth (feet):** 10	**Water Table Symbol:** ▼	Page 1 of 1

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI010	BORING DEPTH (FT): 10	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/15/2023	DATE FINISHED: 02/15/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 09:40	TIME FINISHED: 09:50
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0 – 3.0			2	FILL MATERIAL: Orange black, dry, concrete and brick	23.1	0.0 – 3.0	
3.0 – 5.0				SILTY SAND (SM): Brown, dry, sand-silt mixture, no plasticity	23.1	3.0 – 5.0	
5.0 – 10.0			3.5	POORLY GRADED SAND (SP): brown, moist, Poorly graded sand, low plasticity	27.6	5.0 – 10.0	

P.W. Grosser Consulting	**End of Boring Depth (feet):** 10	**Water Table Symbol:** ▼	Page 1 of 1

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI011	BORING DEPTH (FT): 5	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/14/2023	DATE FINISHED: 02/14/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 13:25	TIME FINISHED: 13:45
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0				SILTY SAND (SM): Brown, dry, Silty-sand, slight plasticity		0.0	
0.4						0.4	
0.8						0.8	
1.2						1.2	
1.6						1.6	
2.0						2.0	
2.4			4	SILTY SAND (SM): Light brown, dry, sand-silt mixture, slight plasticity		2.4	
2.8						2.8	
3.2						3.2	
3.6						3.6	
4.0						4.0	
4.4						4.4	
4.8						4.8	
5.2						5.2	

P.W. Grosser Consulting | **End of Boring Depth (feet):** 5 | **Water Table Symbol:** ▼ |

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI012	BORING DEPTH (FT): 5	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/15/2023	DATE FINISHED: 02/15/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 13:30	TIME FINISHED: 13:40
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0				FILL MATERIAL: Grey, dry, concrete	25.2	0.0	
0.4						0.4	
0.8						0.8	
1.2						1.2	
1.6						1.6	
2.0			3.5	SILTY SAND (SM): Brown, dry, sand-silt mixture, no plasticity	25.2	2.0	
2.4						2.4	
2.8						2.8	
3.2						3.2	
3.6						3.6	
4.0						4.0	
4.4						4.4	
4.8						4.8	
5.2						5.2	
5.6						5.6	

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI013	BORING DEPTH (FT): 5	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/16/2023	DATE FINISHED: 02/16/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 09:40	TIME FINISHED: 09:45
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0						0.0	
0.4						0.4	
0.8						0.8	
1.2						1.2	
1.6						1.6	
2.0						2.0	
2.4			4	SILTY SAND (SM): Brown, dry, silty-sand, no plasticity	26.1	2.4	
2.8						2.8	
3.2						3.2	
3.6						3.6	
4.0						4.0	
4.4						4.4	
4.8						4.8	
5.2						5.2	

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI014	BORING DEPTH (FT): 5	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/16/2023	DATE FINISHED: 02/16/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 09:54	TIME FINISHED: 10:00
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0						0.0	
0.4						0.4	
0.8						0.8	
1.2						1.2	
1.6						1.6	
2.0				SILTY SAND (SM): Brown, dry, silty-sand, no plasticity	6.1	2.0	
2.4			4			2.4	
2.8						2.8	
3.2						3.2	
3.6						3.6	
4.0				POORLY GRADED SAND (SP): Brown, dry, poorly graded sand no fines , no plasticity	6.1	4.0	
4.4						4.4	
4.8						4.8	
5.2						5.2	

P.W. Grosser Consulting | **End of Boring Depth (feet):** 5 | **Water Table Symbol:** ▼ |

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI015	BORING DEPTH (FT): 10	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/16/2023	DATE FINISHED: 02/16/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 10:13	TIME FINISHED: 10:20
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0			4.5	SILTY SAND (SM): Grey, dry, silty-sand, no plasticity	6.8	0.0	
4.0				SILTY SAND (SM): Light brown, dry, sand-silt mixture, no plasticity	6.8	4.0	
5.0			4	SILTY SAND (SM): Dark brown, dry, sand-silt mixture, no plasticity, petroleum odor	18.5	5.0	
10.0						10.0	

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI016	BORING DEPTH (FT): 10	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/16/2023	DATE FINISHED: 02/16/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 08:47	TIME FINISHED: 08:56
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0 – 5.0			2.5	FILL MATERIAL: Grey/Black, dry, concrete and rocks		0.0 – 5.0	
5.0 – 10.0			3.5	POORLY GRADED SAND (SP): Brown, dry, poorly graded sand no fines , no plasticity		5.0 – 10.0	

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI017	BORING DEPTH (FT): 10	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/16/2023	DATE FINISHED: 02/16/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 09:20	TIME FINISHED: 09:30
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0						0.0	
0.5						0.5	
1.0						1.0	
1.5						1.5	
2.0						2.0	
2.5			4		7.7	2.5	
3.0						3.0	
3.5						3.5	
4.0						4.0	
4.5						4.5	
5.0				SANDS WITH FINES (SC): Brown, dry, clayey sands, no plasticity		5.0	
5.5						5.5	
6.0						6.0	
6.5						6.5	
7.0						7.0	
7.5			2.5		11	7.5	
8.0						8.0	
8.5						8.5	
9.0						9.0	
9.5						9.5	
10.0						10.0	

P.W. Grosser Consulting | **End of Boring Depth (feet):** 10 | **Water Table Symbol:** ▼ |

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI018	BORING DEPTH (FT): 5	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/15/2023	DATE FINISHED: 02/15/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 11:55	TIME FINISHED: 12:05
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0				FILL MATERIAL: Orange black, dry, concrete and brick		0.0	
0.4						0.4	
0.8						0.8	
1.2						1.2	
1.6						1.6	
2.0						2.0	
2.4			2	SILTY SAND (SM): Brown, dry, sand-silt mixture, no plasticity		2.4	
2.8						2.8	
3.2						3.2	
3.6						3.6	
4.0						4.0	
4.4						4.4	
4.8						4.8	
5.2						5.2	
5.6						5.6	

PROJECT #:	TOT2202
SITE ADDRESS:	737 4th Ave, Brooklyn
BORING ID:	PDI019
WELL ID:	
DRILLING CONTRACTOR:	Associated Environmental
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	Geoprobe 6610DT
SAMPLING METHOD:	Macrocore

BORING DEPTH (FT): 10	CORE LENGTH (FT): 5
BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DATE STARTED: 02/15/2023	DATE FINISHED: 02/15/2023
TIME STARTED: 10:15	TIME FINISHED: 10:25
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0–5.0			3	SILTY SAND (SM): Brown, dry, sand-silt mixture, no plasticity	454	0.0–5.0	
5.0–6.0			3.5		454	5.0–6.0	
6.0–7.0				POORLY GRADED SAND (SP): brown, dry, poorly graded sand, low plasticity	454	6.0–7.0	
7.0–8.0				POORLY GRADED SAND (SP): brown, dry, poorly graded sand, medium plasticity, petroleum odor	999	7.0–8.0	
8.0–10.0				POORLY GRADED SAND (SP): brown, dry, poorly graded sand, medium plasticity	756	8.0–10.0	

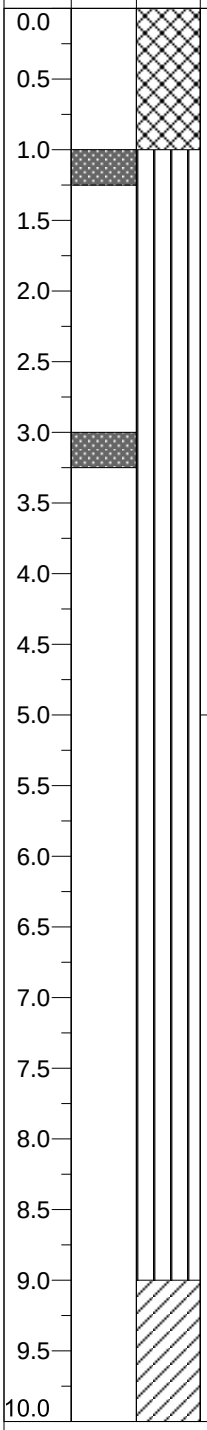
P.W. Grosser Consulting | **End of Boring Depth (feet):** 10 | **Water Table Symbol:** ▼ |

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI020	BORING DEPTH (FT): 10	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/15/2023	DATE FINISHED: 02/15/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 10:47	TIME FINISHED: 10:57
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0 – 4.0			3.5	INORGANIC SILTS AND VERY FINE SANDS (ML): black brown, dry, inorganic silt, slight plasticity	52.6	0.0 – 4.0	
4.0 – 5.0				SILTS AND CLAYS (CL): Brown, moist, iorganic silty clays, medium plasticity, strong petroleum odor	52.6	4.0 – 5.0	
5.0 – 6.0					52.6	5.0 – 6.0	
6.0 – 10.0			3	POORLY GRADED SAND (SP): Dark brown, dry, poorly graded sand no fines , medium plasticity, strong petroleum odor	10.5	6.0 – 10.0	

P.W. Grosser Consulting	**End of Boring Depth (feet):** 10	**Water Table Symbol:** ▼	Page 1 of 1

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI021	BORING DEPTH (FT): 10	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/15/2023	DATE FINISHED: 02/15/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 12:51	TIME FINISHED: 13:02
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC



DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0–1.0				FILL MATERIAL: Black, dry, asphalt	15.4	0.0–1.0	
1.0–5.0			4	INORGANIC SILTS AND VERY FINE SANDS (ML): Brown, dry, silty-fines, slight plasticity	15.4	1.0–5.0	
5.0–9.0			2		15.1	5.0–9.0	
9.0–10.0				SILTS AND CLAYS (CL): Brown, moist, iorganic silty clays, medium plasticity	15.1	9.0–10.0	

P.W. Grosser Consulting	**End of Boring Depth (feet):** 10	**Water Table Symbol:** ▼	Page 1 of 1

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI022	BORING DEPTH (FT): 10	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/16/2023	DATE FINISHED: 02/16/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 07:35	TIME FINISHED: 07:40
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0						0.0	
0.5						0.5	
1.0						1.0	
1.5						1.5	
2.0						2.0	
2.5			2		0	2.5	
3.0						3.0	
3.5						3.5	
4.0						4.0	
4.5						4.5	
5.0				SILTY SAND (SM): Brown, dry, silty-sand, no plasticity		5.0	
5.5						5.5	
6.0						6.0	
6.5						6.5	
7.0						7.0	
7.5			2.5		1.4	7.5	
8.0						8.0	
8.5						8.5	
9.0						9.0	
9.5						9.5	
10.0						10.0	

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI023	BORING DEPTH (FT): 10	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/16/2023	DATE FINISHED: 02/16/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 07:55	TIME FINISHED: 08:01
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0			2.5	SILTY SAND (SM): Brown, dry, silty-sand, no plasticity	0	0.0	
5.0			3	POORLY GRADED SAND (SP): Brown, dry, poorly graded sand no fines , medium plasticity	0	5.0	
7.0					0	7.0	
10.0						10.0	

P.W. Grosser Consulting | **End of Boring Depth (feet):** 10 | **Water Table Symbol:** ▼ | Page 1 of 1

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI024	BORING DEPTH (FT): 10	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/16/2023	DATE FINISHED: 02/16/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 08:25	TIME FINISHED: 08:35
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0 – 5.0			3	INORGANIC SILTS AND VERY FINE SANDS (ML): Black, dry, silty-fine sand, slight plasticity	41.3	0.0 – 5.0	
5.0 – 10.0			2.5	POORLY GRADED SAND (SP): Beige, dry, poorly graded sand no fines , medium plasticity	88	5.0 – 10.0	

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI025	BORING DEPTH (FT): 10	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/16/2023	DATE FINISHED: 02/16/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 10:28	TIME FINISHED: 10:35
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0 – 5.0			4	SILTY SAND (SM): Brown, dry, sand-silt mixture, no plasticity, petroleum odor	27.6	0.0 – 2.0	
				FILL MATERIAL: Grey, dry, stone	27.6	2.0 – 4.0	
				SILTY SAND (SM): Brown, dry, sand-silt mixture, no plasticity	27.6	4.0 – 5.0	
5.0 – 10.0			1.5	POORLY GRADED SAND (SP): Brown, wet, poorly graded sand, no plasticity		5.0 – 10.0	

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th Ave, Brooklyn		
BORING ID:	PDI026	BORING DEPTH (FT): 15	CORE LENGTH (FT): 5
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN):
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 02/14/2023	DATE FINISHED: 02/14/2023
DRILLING METHOD:	Direct Push	TIME STARTED: 07:45	TIME FINISHED: 08:05
DRILLING EQUIPMENT:	Geoprobe 6610DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: AB/DC

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0.0			3	SILTY SAND (SM): Brown, Wet, Silty-sand, low plasticity	0	0.0	
5.0			3	SILTY SAND (SM): Beige, dry, Silty- sand, low plasticity	5.3	5.0	
7.0				SILTY SAND (SM): Beige, moist, Silty- sand, low plasticity	5.3	7.0	
10.0			4		4.4	10.0	
13.0				POORLY GRADED SAND (SP): dark brown, moist, poorly-graded sands,non plasticy, loose	4.4	13.0	
14.0				INORGANIC SILTS AND VERY FINE SANDS (ML): brown, moist, Silty-fine sand, slight plasticity	4.4	14.0	
15.0						15.0	

P.W. Grosser Consulting | **End of Boring Depth (feet):** 15 | **Water Table Symbol:** ▼ | Page 1 of 1

APPENDIX B

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON, CT

ANALYTICAL REPORT

Lab Number:	L2307987
Client:	P. W. Grosser 630 Johnson Avenue Suite 7 Bohemia, NY 11716
ATTN:	Jennifer Lewis
Phone:	(631) 589-6353
Project Name:	TOT2202
Project Number:	TOT2202
Report Date:	02/22/23

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).

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

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2307987-01	PDI002_11	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 10:13	02/14/23
L2307987-02	PDI002_13	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 10:17	02/14/23
L2307987-03	PDI003_11	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 08:55	02/14/23
L2307987-04	PDI003_13	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 08:55	02/14/23
L2307987-05	PDI004_11	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 09:45	02/14/23
L2307987-06	PDI004_13	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 09:41	02/14/23
L2307987-07	PDI026_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 08:15	02/14/23
L2307987-08	PDI026_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 08:17	02/14/23
L2307987-09	PDI026_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 08:21	02/14/23
L2307987-10	PDI026_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 08:30	02/14/23
L2307987-11	PDI026_9	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 08:33	02/14/23
L2307987-12	PDI026_11	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 08:35	02/14/23
L2307987-13	PDI001_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 10:55	02/14/23
L2307987-14	PDI001_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 10:58	02/14/23
L2307987-15	PDI001_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 11:10	02/14/23
L2307987-16	PDI001_9	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 11:10	02/14/23
L2307987-17	PDI005_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 11:37	02/14/23
L2307987-18	PDI005_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 11:40	02/14/23
L2307987-19	PDI005_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 11:42	02/14/23
L2307987-20	PDI005_9	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 11:58	02/14/23
L2307987-21	PDI006_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 12:28	02/14/23
L2307987-22	PDI006_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 12:29	02/14/23
L2307987-23	PDI006_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 12:32	02/14/23
L2307987-24	PDI006_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 12:35	02/14/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2307987-25	PDI006_9	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 12:39	02/14/23
L2307987-26	PDI011_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 13:38	02/14/23
L2307987-27	PDI011_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 11:43	02/14/23
L2307987-28	PDI011_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 13:40	02/14/23
L2307987-29	DUP001	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 00:00	02/14/23
L2307987-30	PDI006_11	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 12:40	02/14/23
L2307987-31	EQUIP BLANK	WATER	737 4TH AVE, BROOKLYN, NY	02/14/23 13:25	02/14/23

Project Name:	TOT2202	**Lab Number:**	L2307987
Project Number:	TOT2202	**Report Date:**	02/22/23

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.

Project Name: TOT2202 **Lab Number:** L2307987
Project Number: TOT2202 **Report Date:** 02/22/23

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
L2307987-25: The collection date and time on the chain of custody was 14-FEB-23 12:39; however, the collection date/time on the container label was 14-FEB-23 12:36. At the client's request, the collection date/time is reported as 14-FEB-23 12:39.

Semivolatile Organics
L2307987-19D, -20D and WG1746023-4D/-5D: The sample has elevated detection limits due to the dilution required by the sample matrix.
The WG1746023-2/-3 LCS/LCSD recoveries, associated with L2307987-01 through -18, -19D, and -20D, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.
The WG1746023-4D/-5D MS/MSD recoveries, performed on L2307987-19, are below the acceptance criteria for hexachlorocyclopentadiene (0%/0%), 2,4-dinitrophenol (0%/0%) and benzoic acid (0%/0%) due to the concentration of these compounds in the MS/MSD falling below the reported detection limit.

PCBs
L2307987-23D, -24D, and -30D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Total Metals
L2307987-01 through -30: 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 WG1745306-1 Method Blank, associated with L2307987-01 through -30, has a concentration above the

Project Name:	TOT2202	**Lab Number:**	L2307987
Project Number:	TOT2202	**Report Date:**	02/22/23

Case Narrative (continued)

reporting limit for manganese. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

The WG1745306-3/-4 MS/MSD recoveries for aluminum (0%/549%), iron (0%/0%), and manganese (40% MSD), performed on L2307987-19, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1745306-3 MS recoveries, performed on L2307987-19, are outside the acceptance criteria for magnesium (48%) and manganese (10%). A post digestion spike was performed and yielded unacceptable recoveries for magnesium (67%) and manganese (64%). The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

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: Caitlin Walukevich

Title: Technical Director/Representative Date: 02/22/23

ORGANICS

SEMIVOLATILES

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-01
Client ID: PDI002_11
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 10:13
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/20/23 21:23
Analyst: SZ
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	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	ND		ug/kg	100	20.	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	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-01 Date Collected: 02/14/23 10:13

Client ID: PDI002_11 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	36.	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	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	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	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	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	21.	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	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-01 Date Collected: 02/14/23 10:13

Client ID: PDI002_11 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	75		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-02
Client ID: PDI002_13
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 10:17
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/20/23 21:47
Analyst: SZ
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	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	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	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	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	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	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	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-02 Date Collected: 02/14/23 10:17

Client ID: PDI002_13 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	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	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	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	75.	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	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	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-02 Date Collected: 02/14/23 10:17

Client ID: PDI002_13 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	64		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-03
Client ID: PDI003_11
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:55
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/20/23 22:12
Analyst: SZ
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	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	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	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	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	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	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	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	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-03 Date Collected: 02/14/23 08:55

Client ID: PDI003_11 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	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	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	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	75.	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	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	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-03 Date Collected: 02/14/23 08:55

Client ID: PDI003_11 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	84		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-04
Client ID: PDI003_13
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:55
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/20/23 22:36
Analyst: SZ
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-04 Date Collected: 02/14/23 08:55

Client ID: PDI003_13 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	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	23.	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	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	250	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	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-04 Date Collected: 02/14/23 08:55

Client ID: PDI003_13 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	78		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-05
Client ID: PDI004_11
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 09:45
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/20/23 21:25
Analyst: SZ
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	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	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	ND		ug/kg	180	63.	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	62.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-05 Date Collected: 02/14/23 09:45

Client ID: PDI004_11 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	150	44.	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	21.	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	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	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	22.	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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-05 Date Collected: 02/14/23 09:45

Client ID: PDI004_11 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	61		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-06
Client ID: PDI004_13
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 09:41
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/21/23 08:47
Analyst: SZ
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	230		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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-06 Date Collected: 02/14/23 09:41

Client ID: PDI004_13 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	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	30.	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	24.	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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-06 Date Collected: 02/14/23 09:41

Client ID: PDI004_13 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	80		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-07
Client ID: PDI026_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:15
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/21/23 09:11
Analyst: SZ
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	92	J	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	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	31.	1
Fluoranthene	2000		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	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	180		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	63.	1
Butyl benzyl phthalate	140	J	ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-07 Date Collected: 02/14/23 08:15

Client ID: PDI026_1 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	920		ug/kg	110	21.	1
Benzo(a)pyrene	800		ug/kg	150	45.	1
Benzo(b)fluoranthene	980		ug/kg	110	31.	1
Benzo(k)fluoranthene	300		ug/kg	110	29.	1
Chrysene	870		ug/kg	110	19.	1
Acenaphthylene	75	J	ug/kg	150	28.	1
Anthracene	380		ug/kg	110	36.	1
Benzo(ghi)perylene	450		ug/kg	150	22.	1
Fluorene	74	J	ug/kg	180	18.	1
Phenanthrene	1700		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	110		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	510		ug/kg	150	26.	1
Pyrene	1700		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	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	110	J	ug/kg	180	17.	1
2-Methylnaphthalene	46	J	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	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-07 Date Collected: 02/14/23 08:15

Client ID: PDI026_1 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	250		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	52		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-08
Client ID: PDI026_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:17
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/21/23 14:04
Analyst: JG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	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	95	J	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	220	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	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	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	68.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-08 Date Collected: 02/14/23 08:17

Client ID: PDI026_3 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	50	J	ug/kg	120	22.	1
Benzo(a)pyrene	49	J	ug/kg	160	49.	1
Benzo(b)fluoranthene	50	J	ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	43	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	28	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	36	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	31	J	ug/kg	160	28.	1
Pyrene	89	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	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	38.	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	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	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	290	31.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-08 Date Collected: 02/14/23 08:17

Client ID: PDI026_3 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	69		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-09
Client ID: PDI026_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:21
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/21/23 14:28
Analyst: JG
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	25.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
1,2-Dichlorobenzene	ND		ug/kg	220	39.	1
1,3-Dichlorobenzene	ND		ug/kg	220	38.	1
1,4-Dichlorobenzene	ND		ug/kg	220	38.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	34	J	ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	200	1
Hexachloroethane	ND		ug/kg	180	35.	1
Isophorone	ND		ug/kg	200	28.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	32.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	76.	1
Butyl benzyl phthalate	ND		ug/kg	220	55.	1
Di-n-butylphthalate	ND		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	74.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-09 Date Collected: 02/14/23 08:21

Client ID: PDI026_5 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	53.	1
Benzo(b)fluoranthene	ND		ug/kg	130	37.	1
Benzo(k)fluoranthene	ND		ug/kg	130	35.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	34.	1
Anthracene	ND		ug/kg	130	43.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	21.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	30.	1
Pyrene	32	J	ug/kg	130	22.	1
Biphenyl	ND		ug/kg	500	28.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	90.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	72.	1
2-Nitrophenol	ND		ug/kg	470	82.	1
4-Nitrophenol	ND		ug/kg	310	89.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	570	100	1
Pentachlorophenol	ND		ug/kg	180	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	34.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-09 Date Collected: 02/14/23 08:21

Client ID: PDI026_5 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Benzoic Acid	ND		ug/kg	710	220	1
Benzyl Alcohol	ND		ug/kg	220	67.	1
Carbazole	ND		ug/kg	220	21.	1
1,4-Dioxane	ND		ug/kg	33	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	74		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-10
Client ID: PDI026_7
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:30
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/21/23 17:15
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	57	J	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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-10 Date Collected: 02/14/23 08:30

Client ID: PDI026_7 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	49	J	ug/kg	120	22.	1
Benzo(a)pyrene	48	J	ug/kg	160	48.	1
Benzo(b)fluoranthene	62	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	48	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	32	J	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	34	J	ug/kg	160	28.	1
Pyrene	55	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	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	74.	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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-10 Date Collected: 02/14/23 08:30

Client ID: PDI026_7 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	76		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-11
Client ID: PDI026_9
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:33
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/21/23 15:16
Analyst: JG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	65	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-11 Date Collected: 02/14/23 08:33

Client ID: PDI026_9 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	46	J	ug/kg	110	21.	1
Benzo(a)pyrene	46	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	58	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	40	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	31	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	34	J	ug/kg	150	26.	1
Pyrene	57	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-11 Date Collected: 02/14/23 08:33

Client ID: PDI026_9 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	65		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-12
Client ID: PDI026_11
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:35
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/21/23 15:40
Analyst: JG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	63	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	1800		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	32	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	48	J	ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-12 Date Collected: 02/14/23 08:35

Client ID: PDI026_11 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	730		ug/kg	110	21.	1
Benzo(a)pyrene	670		ug/kg	150	46.	1
Benzo(b)fluoranthene	820		ug/kg	110	32.	1
Benzo(k)fluoranthene	250		ug/kg	110	30.	1
Chrysene	740		ug/kg	110	19.	1
Acenaphthylene	96	J	ug/kg	150	29.	1
Anthracene	260		ug/kg	110	36.	1
Benzo(ghi)perylene	350		ug/kg	150	22.	1
Fluorene	74	J	ug/kg	190	18.	1
Phenanthrene	1000		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	85	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	410		ug/kg	150	26.	1
Pyrene	1400		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	46	J	ug/kg	190	18.	1
2-Methylnaphthalene	25	J	ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-12 Date Collected: 02/14/23 08:35

Client ID: PDI026_11 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	57	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	69		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-13
Client ID: PDI001_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 10:55
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/21/23 16:03
Analyst: JG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	58	J	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	1500		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	44	J	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	80	J	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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-13 Date Collected: 02/14/23 10:55

Client ID: PDI001_3 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	620		ug/kg	120	23.	1
Benzo(a)pyrene	580		ug/kg	160	50.	1
Benzo(b)fluoranthene	680		ug/kg	120	34.	1
Benzo(k)fluoranthene	250		ug/kg	120	32.	1
Chrysene	600		ug/kg	120	21.	1
Acenaphthylene	48	J	ug/kg	160	31.	1
Anthracene	240		ug/kg	120	40.	1
Benzo(ghi)perylene	330		ug/kg	160	24.	1
Fluorene	93	J	ug/kg	200	20.	1
Phenanthrene	1000		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	81	J	ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	380		ug/kg	160	28.	1
Pyrene	1200		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	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	64	J	ug/kg	200	19.	1
2-Methylnaphthalene	32	J	ug/kg	240	25.	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	77.	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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-13 Date Collected: 02/14/23 10:55

Client ID: PDI001_3 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	130	J	ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	66		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-14
Client ID: PDI001_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 10:58
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/21/23 16:27
Analyst: JG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	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	220	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	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	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	68.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-14 Date Collected: 02/14/23 10:58

Client ID: PDI001_5 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	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	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	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	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	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	38.	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	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	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	290	31.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-14 Date Collected: 02/14/23 10:58

Client ID: PDI001_5 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	74		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-15
Client ID: PDI001_7
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 11:10
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/21/23 16:51
Analyst: JG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	390		ug/kg	160	21.	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	7400		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	220	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	430		ug/kg	200	24.	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	69.	1
Butyl benzyl phthalate	620		ug/kg	200	50.	1
Di-n-butylphthalate	41	J	ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-15 Date Collected: 02/14/23 11:10

Client ID: PDI001_7 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	2900		ug/kg	120	22.	1
Benzo(a)pyrene	2700		ug/kg	160	49.	1
Benzo(b)fluoranthene	3200		ug/kg	120	34.	1
Benzo(k)fluoranthene	1000		ug/kg	120	32.	1
Chrysene	2800		ug/kg	120	21.	1
Acenaphthylene	200		ug/kg	160	31.	1
Anthracene	1400		ug/kg	120	39.	1
Benzo(ghi)perylene	1500		ug/kg	160	23.	1
Fluorene	610		ug/kg	200	19.	1
Phenanthrene	6000		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	360		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	1700		ug/kg	160	28.	1
Pyrene	5800		ug/kg	120	20.	1
Biphenyl	66	J	ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	500		ug/kg	200	19.	1
2-Methylnaphthalene	250		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	38.	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	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	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	35	J	ug/kg	290	31.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-15 Date Collected: 02/14/23 11:10

Client ID: PDI001_7 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	810		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	75		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-16
Client ID: PDI001_9
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 11:10
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/21/23 17:39
Analyst: IM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	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	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		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	34.	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	24.	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	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-16 Date Collected: 02/14/23 11:10

Client ID: PDI001_9 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	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	24.	1
Fluorene	ND		ug/kg	200	20.	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	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	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	38.	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	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	97.	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	290	32.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-16 Date Collected: 02/14/23 11:10

Client ID: PDI001_9 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	64		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-17
Client ID: PDI005_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 11:37
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/21/23 18:03
Analyst: IM
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	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	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	160		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	34.	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	140	J	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	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-17 Date Collected: 02/14/23 11:37

Client ID: PDI005_3 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	77	J	ug/kg	120	23.	1
Benzo(a)pyrene	70	J	ug/kg	160	49.	1
Benzo(b)fluoranthene	85	J	ug/kg	120	34.	1
Benzo(k)fluoranthene	32	J	ug/kg	120	32.	1
Chrysene	77	J	ug/kg	120	21.	1
Acenaphthylene	32	J	ug/kg	160	31.	1
Anthracene	67	J	ug/kg	120	39.	1
Benzo(ghi)perylene	230		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	160		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	200		ug/kg	160	28.	1
Pyrene	120		ug/kg	120	20.	1
Biphenyl	78	J	ug/kg	460	26.	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	29	J	ug/kg	200	19.	1
2-Methylnaphthalene	320		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	38.	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	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	97.	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	290	32.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-17 Date Collected: 02/14/23 11:37

Client ID: PDI005_3 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	23	J	ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	69		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-18
Client ID: PDI005_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 11:40
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/21/23 18:27
Analyst: IM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	85	J	ug/kg	160	21.	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	570		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	220	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	250		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	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	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	68.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-18 Date Collected: 02/14/23 11:40

Client ID: PDI005_5 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	220		ug/kg	120	22.	1
Benzo(a)pyrene	170		ug/kg	160	48.	1
Benzo(b)fluoranthene	210		ug/kg	120	34.	1
Benzo(k)fluoranthene	76	J	ug/kg	120	32.	1
Chrysene	210		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	130		ug/kg	120	39.	1
Benzo(ghi)perylene	83	J	ug/kg	160	23.	1
Fluorene	180	J	ug/kg	200	19.	1
Phenanthrene	670		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	96	J	ug/kg	160	28.	1
Pyrene	500		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	680		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	38.	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	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	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	290	31.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-18 Date Collected: 02/14/23 11:40

Client ID: PDI005_5 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	77		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-19 D
Client ID: PDI005_7
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 11:42
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/22/23 09:58
Analyst: IM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	150	J	ug/kg	780	100	5
1,2,4-Trichlorobenzene	ND		ug/kg	980	110	5
Hexachlorobenzene	ND		ug/kg	590	110	5
Bis(2-chloroethyl)ether	ND		ug/kg	880	130	5
2-Chloronaphthalene	ND		ug/kg	980	97.	5
1,2-Dichlorobenzene	ND		ug/kg	980	180	5
1,3-Dichlorobenzene	ND		ug/kg	980	170	5
1,4-Dichlorobenzene	ND		ug/kg	980	170	5
3,3'-Dichlorobenzidine	ND		ug/kg	980	260	5
2,4-Dinitrotoluene	ND		ug/kg	980	200	5
2,6-Dinitrotoluene	ND		ug/kg	980	170	5
Fluoranthene	1400		ug/kg	590	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	980	100	5
4-Bromophenyl phenyl ether	ND		ug/kg	980	150	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	170	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	98.	5
Hexachlorobutadiene	ND		ug/kg	980	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2800	890	5
Hexachloroethane	ND		ug/kg	780	160	5
Isophorone	ND		ug/kg	880	130	5
Naphthalene	240	J	ug/kg	980	120	5
Nitrobenzene	ND		ug/kg	880	140	5
NDPA/DPA	ND		ug/kg	780	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	980	150	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	980	340	5
Butyl benzyl phthalate	ND		ug/kg	980	250	5
Di-n-butylphthalate	ND		ug/kg	980	180	5
Di-n-octylphthalate	ND		ug/kg	980	330	5

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-19 D
Client ID: PDI005_7
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 11:42
Date Received: 02/14/23
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	980	91.	5
Dimethyl phthalate	ND		ug/kg	980	200	5
Benzo(a)anthracene	630		ug/kg	590	110	5
Benzo(a)pyrene	500	J	ug/kg	780	240	5
Benzo(b)fluoranthene	660		ug/kg	590	160	5
Benzo(k)fluoranthene	230	J	ug/kg	590	160	5
Chrysene	620		ug/kg	590	100	5
Acenaphthylene	190	J	ug/kg	780	150	5
Anthracene	340	J	ug/kg	590	190	5
Benzo(ghi)perylene	250	J	ug/kg	780	120	5
Fluorene	480	J	ug/kg	980	95.	5
Phenanthrene	1800		ug/kg	590	120	5
Dibenzo(a,h)anthracene	ND		ug/kg	590	110	5
Indeno(1,2,3-cd)pyrene	290	J	ug/kg	780	140	5
Pyrene	1200		ug/kg	590	98.	5
Biphenyl	ND		ug/kg	2200	130	5
4-Chloroaniline	ND		ug/kg	980	180	5
2-Nitroaniline	ND		ug/kg	980	190	5
3-Nitroaniline	ND		ug/kg	980	180	5
4-Nitroaniline	ND		ug/kg	980	410	5
Dibenzofuran	180	J	ug/kg	980	93.	5
2-Methylnaphthalene	250	J	ug/kg	1200	120	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	980	100	5
Acetophenone	920	J	ug/kg	980	120	5
2,4,6-Trichlorophenol	ND		ug/kg	590	180	5
p-Chloro-m-cresol	ND		ug/kg	980	150	5
2-Chlorophenol	ND		ug/kg	980	120	5
2,4-Dichlorophenol	ND		ug/kg	880	160	5
2,4-Dimethylphenol	ND		ug/kg	980	320	5
2-Nitrophenol	ND		ug/kg	2100	370	5
4-Nitrophenol	ND		ug/kg	1400	400	5
2,4-Dinitrophenol	ND		ug/kg	4700	460	5
4,6-Dinitro-o-cresol	ND		ug/kg	2600	470	5
Pentachlorophenol	ND		ug/kg	780	220	5
Phenol	ND		ug/kg	980	150	5
2-Methylphenol	ND		ug/kg	980	150	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	150	5

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-19 D
Client ID: PDI005_7
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 11:42
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	980	190	5
Benzoic Acid	ND		ug/kg	3200	990	5
Benzyl Alcohol	ND		ug/kg	980	300	5
Carbazole	ND		ug/kg	980	95.	5
1,4-Dioxane	ND		ug/kg	150	45.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	95		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-20 D
Client ID: PDI005_9
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 11:58
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/22/23 11:09
Analyst: IM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	200	J	ug/kg	750	97.	5
1,2,4-Trichlorobenzene	ND		ug/kg	940	110	5
Hexachlorobenzene	ND		ug/kg	560	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	840	130	5
2-Chloronaphthalene	ND		ug/kg	940	93.	5
1,2-Dichlorobenzene	ND		ug/kg	940	170	5
1,3-Dichlorobenzene	ND		ug/kg	940	160	5
1,4-Dichlorobenzene	ND		ug/kg	940	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	940	250	5
2,4-Dinitrotoluene	380	J	ug/kg	940	190	5
2,6-Dinitrotoluene	ND		ug/kg	940	160	5
Fluoranthene	1800		ug/kg	560	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	940	100	5
4-Bromophenyl phenyl ether	ND		ug/kg	940	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	94.	5
Hexachlorobutadiene	ND		ug/kg	940	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2700	850	5
Hexachloroethane	ND		ug/kg	750	150	5
Isophorone	ND		ug/kg	840	120	5
Naphthalene	130	J	ug/kg	940	110	5
Nitrobenzene	ND		ug/kg	840	140	5
NDPA/DPA	ND		ug/kg	750	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	940	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	940	320	5
Butyl benzyl phthalate	ND		ug/kg	940	240	5
Di-n-butylphthalate	ND		ug/kg	940	180	5
Di-n-octylphthalate	ND		ug/kg	940	320	5

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-20 D
Client ID: PDI005_9
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 11:58
Date Received: 02/14/23
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	940	87.	5
Dimethyl phthalate	ND		ug/kg	940	200	5
Benzo(a)anthracene	780		ug/kg	560	100	5
Benzo(a)pyrene	660	J	ug/kg	750	230	5
Benzo(b)fluoranthene	850		ug/kg	560	160	5
Benzo(k)fluoranthene	320	J	ug/kg	560	150	5
Chrysene	770		ug/kg	560	98.	5
Acenaphthylene	ND		ug/kg	750	140	5
Anthracene	420	J	ug/kg	560	180	5
Benzo(ghi)perylene	320	J	ug/kg	750	110	5
Fluorene	600	J	ug/kg	940	91.	5
Phenanthrene	2300		ug/kg	560	110	5
Dibenzo(a,h)anthracene	ND		ug/kg	560	110	5
Indeno(1,2,3-cd)pyrene	380	J	ug/kg	750	130	5
Pyrene	1600		ug/kg	560	93.	5
Biphenyl	ND		ug/kg	2100	120	5
4-Chloroaniline	ND		ug/kg	940	170	5
2-Nitroaniline	ND		ug/kg	940	180	5
3-Nitroaniline	ND		ug/kg	940	180	5
4-Nitroaniline	ND		ug/kg	940	390	5
Dibenzofuran	210	J	ug/kg	940	89.	5
2-Methylnaphthalene	ND		ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	940	98.	5
Acetophenone	1100		ug/kg	940	120	5
2,4,6-Trichlorophenol	ND		ug/kg	560	180	5
p-Chloro-m-cresol	ND		ug/kg	940	140	5
2-Chlorophenol	ND		ug/kg	940	110	5
2,4-Dichlorophenol	ND		ug/kg	840	150	5
2,4-Dimethylphenol	ND		ug/kg	940	310	5
2-Nitrophenol	ND		ug/kg	2000	350	5
4-Nitrophenol	ND		ug/kg	1300	380	5
2,4-Dinitrophenol	ND		ug/kg	4500	440	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	450	5
Pentachlorophenol	ND		ug/kg	750	210	5
Phenol	ND		ug/kg	940	140	5
2-Methylphenol	ND		ug/kg	940	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	150	5

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-20 D
Client ID: PDI005_9
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 11:58
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	940	180	5
Benzoic Acid	ND		ug/kg	3000	950	5
Benzyl Alcohol	ND		ug/kg	940	290	5
Carbazole	ND		ug/kg	940	91.	5
1,4-Dioxane	ND		ug/kg	140	43.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	76		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-21
Client ID: PDI006_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 12:28
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/20/23 00:27
Analyst: CMM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	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	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	240		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	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	31	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-21 Date Collected: 02/14/23 12:28

Client ID: PDI006_1 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	120		ug/kg	110	21.	1
Benzo(a)pyrene	110	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	140		ug/kg	110	32.	1
Benzo(k)fluoranthene	35	J	ug/kg	110	30.	1
Chrysene	120		ug/kg	110	20.	1
Acenaphthylene	52	J	ug/kg	150	29.	1
Anthracene	36	J	ug/kg	110	36.	1
Benzo(ghi)perylene	79	J	ug/kg	150	22.	1
Fluorene	27	J	ug/kg	190	18.	1
Phenanthrene	140		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	80	J	ug/kg	150	26.	1
Pyrene	210		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	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	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-21 Date Collected: 02/14/23 12:28

Client ID: PDI006_1 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	28	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	70		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-22
Client ID: PDI006_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 12:29
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/20/23 00:52
Analyst: CMM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	280		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	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	31.	1
Fluoranthene	3200		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	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	280		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	63.	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	62.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-22 Date Collected: 02/14/23 12:29

Client ID: PDI006_3 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	1300		ug/kg	110	21.	1
Benzo(a)pyrene	980		ug/kg	150	45.	1
Benzo(b)fluoranthene	1200		ug/kg	110	31.	1
Benzo(k)fluoranthene	370		ug/kg	110	29.	1
Chrysene	1200		ug/kg	110	19.	1
Acenaphthylene	200		ug/kg	150	28.	1
Anthracene	670		ug/kg	110	36.	1
Benzo(ghi)perylene	540		ug/kg	150	22.	1
Fluorene	300		ug/kg	180	18.	1
Phenanthrene	3100		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	150		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	600		ug/kg	150	26.	1
Pyrene	2600		ug/kg	110	18.	1
Biphenyl	41	J	ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	250		ug/kg	180	17.	1
2-Methylnaphthalene	140	J	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	60.	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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-22 Date Collected: 02/14/23 12:29

Client ID: PDI006_3 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	290		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	69		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-23
Client ID: PDI006_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 12:32
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/20/23 01:16
Analyst: CMM
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	25.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
1,2-Dichlorobenzene	ND		ug/kg	220	39.	1
1,3-Dichlorobenzene	ND		ug/kg	220	38.	1
1,4-Dichlorobenzene	ND		ug/kg	220	38.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	170		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	200	1
Hexachloroethane	ND		ug/kg	180	35.	1
Isophorone	ND		ug/kg	200	28.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	32.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	76.	1
Butyl benzyl phthalate	ND		ug/kg	220	55.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	74.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-23 Date Collected: 02/14/23 12:32

Client ID: PDI006_5 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	79	J	ug/kg	130	25.	1
Benzo(a)pyrene	62	J	ug/kg	180	53.	1
Benzo(b)fluoranthene	67	J	ug/kg	130	37.	1
Benzo(k)fluoranthene	ND		ug/kg	130	35.	1
Chrysene	74	J	ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	34.	1
Anthracene	ND		ug/kg	130	43.	1
Benzo(ghi)perylene	36	J	ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	21.	1
Phenanthrene	150		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	35	J	ug/kg	180	30.	1
Pyrene	140		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	500	28.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	91.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	72.	1
2-Nitrophenol	ND		ug/kg	470	82.	1
4-Nitrophenol	ND		ug/kg	310	89.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	570	100	1
Pentachlorophenol	ND		ug/kg	180	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	34.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-23 Date Collected: 02/14/23 12:32

Client ID: PDI006_5 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Benzoic Acid	ND		ug/kg	710	220	1
Benzyl Alcohol	ND		ug/kg	220	67.	1
Carbazole	ND		ug/kg	220	21.	1
1,4-Dioxane	ND		ug/kg	33	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	70		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-24
Client ID: PDI006_7
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 12:35
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/20/23 01:41
Analyst: CMM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	110	J	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	ND		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	920		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	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	280		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	29.	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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-24 Date Collected: 02/14/23 12:35

Client ID: PDI006_7 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	420		ug/kg	110	21.	1
Benzo(a)pyrene	280		ug/kg	150	46.	1
Benzo(b)fluoranthene	300		ug/kg	110	32.	1
Benzo(k)fluoranthene	130		ug/kg	110	30.	1
Chrysene	380		ug/kg	110	20.	1
Acenaphthylene	87	J	ug/kg	150	29.	1
Anthracene	320		ug/kg	110	37.	1
Benzo(ghi)perylene	110	J	ug/kg	150	22.	1
Fluorene	170	J	ug/kg	190	18.	1
Phenanthrene	1200		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	38	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	140	J	ug/kg	150	26.	1
Pyrene	720		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	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	160	J	ug/kg	190	18.	1
2-Methylnaphthalene	110	J	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	22.	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	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	91.	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	270	30.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-24 Date Collected: 02/14/23 12:35

Client ID: PDI006_7 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	140	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	63		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-25
Client ID: PDI006_9
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 12:39
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/19/23 21:09
Analyst: SLR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	57	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	780		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	34	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-25 Date Collected: 02/14/23 12:39

Client ID: PDI006_9 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	320		ug/kg	110	21.	1
Benzo(a)pyrene	300		ug/kg	150	46.	1
Benzo(b)fluoranthene	340		ug/kg	110	31.	1
Benzo(k)fluoranthene	140		ug/kg	110	30.	1
Chrysene	300		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	170		ug/kg	110	36.	1
Benzo(ghi)perylene	140	J	ug/kg	150	22.	1
Fluorene	81	J	ug/kg	190	18.	1
Phenanthrene	770		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	43	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	170		ug/kg	150	26.	1
Pyrene	600		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	63	J	ug/kg	190	18.	1
2-Methylnaphthalene	27	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-25 Date Collected: 02/14/23 12:39

Client ID: PDI006_9 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	87	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	59		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-26
Client ID: PDI011_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 13:38
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/20/23 23:43
Analyst: LJG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	22	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	600		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	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	28.	1
Bis(2-ethylhexyl)phthalate	ND		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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-26 Date Collected: 02/14/23 13:38

Client ID: PDI011_1 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	220		ug/kg	110	20.	1
Benzo(a)pyrene	230		ug/kg	140	44.	1
Benzo(b)fluoranthene	350		ug/kg	110	30.	1
Benzo(k)fluoranthene	97	J	ug/kg	110	29.	1
Chrysene	300		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	60	J	ug/kg	110	35.	1
Benzo(ghi)perylene	180		ug/kg	140	21.	1
Fluorene	24	J	ug/kg	180	17.	1
Phenanthrene	320		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	35	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	190		ug/kg	140	25.	1
Pyrene	490		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	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	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	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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-26 Date Collected: 02/14/23 13:38

Client ID: PDI011_1 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	58	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		25-120
Phenol-d6	51		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	48		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-27
Client ID: PDI011_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 11:43
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/21/23 13:01
Analyst: JG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 18:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	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	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	ND		ug/kg	180	63.	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	62.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-27 Date Collected: 02/14/23 11:43

Client ID: PDI011_3 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	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	24.	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	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-27 Date Collected: 02/14/23 11:43

Client ID: PDI011_3 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	70		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-28
Client ID: PDI011_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 13:40
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/21/23 13:24
Analyst: JG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 18:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		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	ND		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	ND		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	ND		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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-28 Date Collected: 02/14/23 13:40

Client ID: PDI011_5 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	31.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	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	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	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	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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-28 Date Collected: 02/14/23 13:40

Client ID: PDI011_5 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	87		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-29
Client ID: DUP001
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 00:00
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/21/23 14:35
Analyst: JG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 18:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	34.	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	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		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	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		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	67.	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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-29 Date Collected: 02/14/23 00:00

Client ID: DUP001 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		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	ND		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	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	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	36.	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	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-29 Date Collected: 02/14/23 00:00

Client ID: DUP001 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	77		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-30
Client ID: PDI006_11
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 12:40
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/21/23 14:58
Analyst: JG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 18:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	33	J	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	ND		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	490		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	ND		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	29.	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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-30 Date Collected: 02/14/23 12:40

Client ID: PDI006_11 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	200		ug/kg	110	21.	1
Benzo(a)pyrene	210		ug/kg	150	46.	1
Benzo(b)fluoranthene	250		ug/kg	110	32.	1
Benzo(k)fluoranthene	92	J	ug/kg	110	30.	1
Chrysene	210		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	76	J	ug/kg	110	37.	1
Benzo(ghi)perylene	120	J	ug/kg	150	22.	1
Fluorene	30	J	ug/kg	190	18.	1
Phenanthrene	340		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	32	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	130	J	ug/kg	150	27.	1
Pyrene	390		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	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	24	J	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	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	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	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-30 Date Collected: 02/14/23 12:40

Client ID: PDI006_11 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	32	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	44		10-136
4-Terphenyl-d14	73		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-31
Client ID: EQUIP BLANK
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 13:25
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 02/17/23 17:52
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 02/16/23 19:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	ND		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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-31 Date Collected: 02/14/23 13:25

Client ID: EQUIP BLANK Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	80		41-149

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-31
Client ID: EQUIP BLANK
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 13:25
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 02/17/23 11:30
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 02/16/23 19:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.10		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	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.03	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.03	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.04	J	ug/l	0.10	0.01	1
Phenanthrene	0.22		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	ND		ug/l	0.10	0.01	1
Pyrene	0.11		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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-31 Date Collected: 02/14/23 13:25

Client ID: EQUIP BLANK Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	64		21-120
Phenol-d6	55		10-120
Nitrobenzene-d5	120		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	**131**	Q	10-120
4-Terphenyl-d14	92		41-149

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/16/23 22:17
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 02/16/23 03:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 31 Batch: WG1744991-1					
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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/16/23 22:17
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 02/16/23 03:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 31 Batch: WG1744991-1					
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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/16/23 22:17
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 02/16/23 03:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 31 Batch: WG1744991-1					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	58		41-149

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 02/16/23 14:02
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 02/16/23 03:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 31 Batch: WG1744993-1					
Acenaphthene	0.02	J	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	0.02	J	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	0.01	J	ug/l	0.10	0.01
Anthracene	0.03	J	ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	0.03	J	ug/l	0.10	0.01
Phenanthrene	0.04	J	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	0.02	J	ug/l	0.10	0.02
2-Methylnaphthalene	0.03	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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 02/16/23 14:02
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 02/16/23 03:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 31 Batch: WG1744993-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	100		10-120
4-Terphenyl-d14	91		41-149

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/18/23 10:26
Analyst: MG

Extraction Method: EPA 3546
Extraction Date: 02/17/23 14:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21-26 Batch: WG1745775-1					
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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/18/23 10:26
Analyst: MG

Extraction Method: EPA 3546
Extraction Date: 02/17/23 14:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21-26 Batch: WG1745775-1					
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	21.
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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/18/23 10:26
Analyst: MG

Extraction Method: EPA 3546
Extraction Date: 02/17/23 14:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21-26 Batch: WG1745775-1					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	80		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/20/23 20:10
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-20 Batch: WG1746023-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	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	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/20/23 20:10
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-20 Batch: WG1746023-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/20/23 20:10
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 02/18/23 12:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-20 Batch: WG1746023-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	520	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	84		18-120

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/21/23 08:18
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 02/18/23 18:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 27-30 Batch: WG1746072-1					
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	27.
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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/21/23 08:18
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 02/18/23 18:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 27-30 Batch: WG1746072-1					
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	380	21.
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: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/21/23 08:18
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 02/18/23 18:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 27-30 Batch: WG1746072-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
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	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	69		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG1744991-2 WG1744991-3								
Acenaphthene	82		81		37-111	1		30
1,2,4-Trichlorobenzene	78		78		39-98	0		30
Hexachlorobenzene	79		76		40-140	4		30
Bis(2-chloroethyl)ether	78		79		40-140	1		30
2-Chloronaphthalene	76		76		40-140	0		30
1,2-Dichlorobenzene	78		79		40-140	1		30
1,3-Dichlorobenzene	77		83		40-140	8		30
1,4-Dichlorobenzene	77		80		36-97	4		30
3,3'-Dichlorobenzidine	70		69		40-140	1		30
2,4-Dinitrotoluene	102		102		48-143	0		30
2,6-Dinitrotoluene	95		91		40-140	4		30
Fluoranthene	75		72		40-140	4		30
4-Chlorophenyl phenyl ether	80		78		40-140	3		30
4-Bromophenyl phenyl ether	80		78		40-140	3		30
Bis(2-chloroisopropyl)ether	76		77		40-140	1		30
Bis(2-chloroethoxy)methane	78		78		40-140	0		30
Hexachlorobutadiene	73		73		40-140	0		30
Hexachlorocyclopentadiene	79		78		40-140	1		30
Hexachloroethane	74		74		40-140	0		30
Isophorone	69		71		40-140	3		30
Naphthalene	79		78		40-140	1		30
Nitrobenzene	81		84		40-140	4		30
NDPA/DPA	79		77		40-140	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2307987

Report Date: 02/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG1744991-2 WG1744991-3								
n-Nitrosodi-n-propylamine	72		73		29-132	1		30
Bis(2-ethylhexyl)phthalate	96		94		40-140	2		30
Butyl benzyl phthalate	83		78		40-140	6		30
Di-n-butylphthalate	79		76		40-140	4		30
Di-n-octylphthalate	88		84		40-140	5		30
Diethyl phthalate	82		76		40-140	8		30
Dimethyl phthalate	76		75		40-140	1		30
Benzo(a)anthracene	85		82		40-140	4		30
Benzo(a)pyrene	84		80		40-140	5		30
Benzo(b)fluoranthene	83		90		40-140	8		30
Benzo(k)fluoranthene	86		75		40-140	14		30
Chrysene	86		84		40-140	2		30
Acenaphthylene	75		73		45-123	3		30
Anthracene	81		78		40-140	4		30
Benzo(ghi)perylene	80		75		40-140	6		30
Fluorene	81		80		40-140	1		30
Phenanthrene	82		78		40-140	5		30
Dibenzo(a,h)anthracene	84		77		40-140	9		30
Indeno(1,2,3-cd)pyrene	88		82		40-140	7		30
Pyrene	77		73		26-127	5		30
Biphenyl	79		78		40-140	1		30
4-Chloroaniline	65		50		40-140	26		30
2-Nitroaniline	96		100		52-143	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2307987

Report Date: 02/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG1744991-2 WG1744991-3								
3-Nitroaniline	90		90		25-145	0		30
4-Nitroaniline	94		91		51-143	3		30
Dibenzofuran	82		79		40-140	4		30
2-Methylnaphthalene	80		79		40-140	1		30
1,2,4,5-Tetrachlorobenzene	79		76		2-134	4		30
Acetophenone	78		77		39-129	1		30
2,4,6-Trichlorophenol	76		71		30-130	7		30
p-Chloro-m-cresol	70		66		23-97	6		30
2-Chlorophenol	74		76		27-123	3		30
2,4-Dichlorophenol	77		78		30-130	1		30
2,4-Dimethylphenol	63		65		30-130	3		30
2-Nitrophenol	103		106		30-130	3		30
4-Nitrophenol	56		59		10-80	5		30
2,4-Dinitrophenol	110		105		20-130	5		30
4,6-Dinitro-o-cresol	123		119		20-164	3		30
Pentachlorophenol	68		72		9-103	6		30
Phenol	44		45		12-110	2		30
2-Methylphenol	63		67		30-130	6		30
3-Methylphenol/4-Methylphenol	67		70		30-130	4		30
2,4,5-Trichlorophenol	76		76		30-130	0		30
Benzoic Acid	59		53		10-164	11		30
Benzyl Alcohol	72		71		26-116	1		30
Carbazole	78		76		55-144	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2307987

Report Date: 02/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG1744991-2 WG1744991-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	53		57		21-120
Phenol-d6	44		43		10-120
Nitrobenzene-d5	83		86		23-120
2-Fluorobiphenyl	75		76		15-120
2,4,6-Tribromophenol	79		74		10-120
4-Terphenyl-d14	74		71		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 31 Batch: WG1744993-2 WG1744993-3

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Acenaphthene	85		86		40-140	1		40
2-Chloronaphthalene	86		89		40-140	3		40
Fluoranthene	98		107		40-140	9		40
Hexachlorobutadiene	99		96		40-140	3		40
Naphthalene	86		86		40-140	0		40
Benzo(a)anthracene	96		99		40-140	3		40
Benzo(a)pyrene	102		106		40-140	4		40
Benzo(b)fluoranthene	93		99		40-140	6		40
Benzo(k)fluoranthene	97		99		40-140	2		40
Chrysene	89		89		40-140	0		40
Acenaphthylene	93		100		40-140	7		40
Anthracene	95		97		40-140	2		40
Benzo(ghi)perylene	101		102		40-140	1		40
Fluorene	88		93		40-140	6		40
Phenanthrene	87		89		40-140	2		40
Dibenzo(a,h)anthracene	110		113		40-140	3		40
Indeno(1,2,3-cd)pyrene	114		118		40-140	3		40
Pyrene	98		109		40-140	11		40
2-Methylnaphthalene	89		90		40-140	1		40
Pentachlorophenol	**146**	Q	137		40-140	6		40
Hexachlorobenzene	97		96		40-140	1		40
Hexachloroethane	78		74		40-140	5		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 31 Batch: WG1744993-2 WG1744993-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		61		21-120
Phenol-d6	50		49		10-120
Nitrobenzene-d5	109		108		23-120
2-Fluorobiphenyl	89		91		15-120
2,4,6-Tribromophenol	105		113		10-120
4-Terphenyl-d14	103		113		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-26 Batch: WG1745775-2 WG1745775-3								
Acenaphthene	76		72		31-137	5		50
1,2,4-Trichlorobenzene	72		71		38-107	1		50
Hexachlorobenzene	79		76		40-140	4		50
Bis(2-chloroethyl)ether	69		67		40-140	3		50
2-Chloronaphthalene	79		77		40-140	3		50
1,2-Dichlorobenzene	69		68		40-140	1		50
1,3-Dichlorobenzene	70		67		40-140	4		50
1,4-Dichlorobenzene	69		67		28-104	3		50
3,3'-Dichlorobenzidine	55		62		40-140	12		50
2,4-Dinitrotoluene	93		90		40-132	3		50
2,6-Dinitrotoluene	88		86		40-140	2		50
Fluoranthene	80		76		40-140	5		50
4-Chlorophenyl phenyl ether	79		77		40-140	3		50
4-Bromophenyl phenyl ether	81		77		40-140	5		50
Bis(2-chloroisopropyl)ether	66		65		40-140	2		50
Bis(2-chloroethoxy)methane	74		72		40-117	3		50
Hexachlorobutadiene	70		69		40-140	1		50
Hexachlorocyclopentadiene	53		52		40-140	2		50
Hexachloroethane	67		65		40-140	3		50
Isophorone	72		69		40-140	4		50
Naphthalene	73		71		40-140	3		50
Nitrobenzene	74		73		40-140	1		50
NDPA/DPA	84		79		36-157	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2307987

Report Date: 02/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-26 Batch: WG1745775-2 WG1745775-3								
n-Nitrosodi-n-propylamine	71		70		32-121	1		50
Bis(2-ethylhexyl)phthalate	87		83		40-140	5		50
Butyl benzyl phthalate	89		84		40-140	6		50
Di-n-butylphthalate	82		78		40-140	5		50
Di-n-octylphthalate	90		87		40-140	3		50
Diethyl phthalate	81		78		40-140	4		50
Dimethyl phthalate	82		80		40-140	2		50
Benzo(a)anthracene	80		77		40-140	4		50
Benzo(a)pyrene	81		79		40-140	3		50
Benzo(b)fluoranthene	79		76		40-140	4		50
Benzo(k)fluoranthene	76		73		40-140	4		50
Chrysene	78		75		40-140	4		50
Acenaphthylene	85		82		40-140	4		50
Anthracene	78		76		40-140	3		50
Benzo(ghi)perylene	77		74		40-140	4		50
Fluorene	81		78		40-140	4		50
Phenanthrene	78		74		40-140	5		50
Dibenzo(a,h)anthracene	76		73		40-140	4		50
Indeno(1,2,3-cd)pyrene	85		82		40-140	4		50
Pyrene	80		76		35-142	5		50
Biphenyl	81		78		37-127	4		50
4-Chloroaniline	64		46		40-140	33		50
2-Nitroaniline	93		92		47-134	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2307987

Report Date: 02/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-26 Batch: WG1745775-2 WG1745775-3								
3-Nitroaniline	64		72		26-129	12		50
4-Nitroaniline	91		90		41-125	1		50
Dibenzofuran	80		76		40-140	5		50
2-Methylnaphthalene	77		75		40-140	3		50
1,2,4,5-Tetrachlorobenzene	80		78		40-117	3		50
Acetophenone	74		72		14-144	3		50
2,4,6-Trichlorophenol	86		84		30-130	2		50
p-Chloro-m-cresol	85		82		26-103	4		50
2-Chlorophenol	79		78		25-102	1		50
2,4-Dichlorophenol	82		81		30-130	1		50
2,4-Dimethylphenol	74		72		30-130	3		50
2-Nitrophenol	84		83		30-130	1		50
4-Nitrophenol	102		98		11-114	4		50
2,4-Dinitrophenol	81		84		4-130	4		50
4,6-Dinitro-o-cresol	91		91		10-130	0		50
Pentachlorophenol	74		71		17-109	4		50
Phenol	71		69		26-90	3		50
2-Methylphenol	80		78		30-130.	3		50
3-Methylphenol/4-Methylphenol	85		84		30-130	1		50
2,4,5-Trichlorophenol	90		89		30-130	1		50
Benzoic Acid	36		36		10-110	0		50
Benzyl Alcohol	76		74		40-140	3		50
Carbazole	79		76		54-128	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-26 Batch: WG1745775-2 WG1745775-3								
1,4-Dioxane	58		55		40-140	5		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	81		78		25-120
Phenol-d6	81		78		10-120
Nitrobenzene-d5	79		76		23-120
2-Fluorobiphenyl	80		76		30-120
2,4,6-Tribromophenol	85		81		10-136
4-Terphenyl-d14	77		74		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 Batch: WG1746023-2 WG1746023-3								
Acenaphthene	73		67		31-137	9		50
1,2,4-Trichlorobenzene	71		70		38-107	1		50
Hexachlorobenzene	78		69		40-140	12		50
Bis(2-chloroethyl)ether	70		70		40-140	0		50
2-Chloronaphthalene	75		70		40-140	7		50
1,2-Dichlorobenzene	67		68		40-140	1		50
1,3-Dichlorobenzene	66		67		40-140	2		50
1,4-Dichlorobenzene	66		68		28-104	3		50
3,3'-Dichlorobenzidine	56		49		40-140	13		50
2,4-Dinitrotoluene	74		65		40-132	13		50
2,6-Dinitrotoluene	82		75		40-140	9		50
Fluoranthene	79		70		40-140	12		50
4-Chlorophenyl phenyl ether	76		70		40-140	8		50
4-Bromophenyl phenyl ether	69		64		40-140	8		50
Bis(2-chloroisopropyl)ether	70		70		40-140	0		50
Bis(2-chloroethoxy)methane	75		71		40-117	5		50
Hexachlorobutadiene	67		66		40-140	2		50
Hexachlorocyclopentadiene	63		60		40-140	5		50
Hexachloroethane	68		70		40-140	3		50
Isophorone	73		71		40-140	3		50
Naphthalene	71		69		40-140	3		50
Nitrobenzene	73		72		40-140	1		50
NDPA/DPA	80		71		36-157	12		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 Batch: WG1746023-2 WG1746023-3								
n-Nitrosodi-n-propylamine	75		72		32-121	4		50
Bis(2-ethylhexyl)phthalate	83		72		40-140	14		50
Butyl benzyl phthalate	82		70		40-140	16		50
Di-n-butylphthalate	82		70		40-140	16		50
Di-n-octylphthalate	86		76		40-140	12		50
Diethyl phthalate	80		71		40-140	12		50
Dimethyl phthalate	76		69		40-140	10		50
Benzo(a)anthracene	80		71		40-140	12		50
Benzo(a)pyrene	85		74		40-140	14		50
Benzo(b)fluoranthene	81		72		40-140	12		50
Benzo(k)fluoranthene	80		71		40-140	12		50
Chrysene	77		69		40-140	11		50
Acenaphthylene	81		75		40-140	8		50
Anthracene	78		69		40-140	12		50
Benzo(ghi)perylene	78		68		40-140	14		50
Fluorene	77		71		40-140	8		50
Phenanthrene	75		67		40-140	11		50
Dibenzo(a,h)anthracene	80		69		40-140	15		50
Indeno(1,2,3-cd)pyrene	107		75		40-140	35		50
Pyrene	78		69		35-142	12		50
Biphenyl	76		71		37-127	7		50
4-Chloroaniline	57		53		40-140	7		50
2-Nitroaniline	77		70		47-134	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2307987

Report Date: 02/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 Batch: WG1746023-2 WG1746023-3								
3-Nitroaniline	60		55		26-129	9		50
4-Nitroaniline	88		78		41-125	12		50
Dibenzofuran	75		70		40-140	7		50
2-Methylnaphthalene	74		70		40-140	6		50
1,2,4,5-Tetrachlorobenzene	76		72		40-117	5		50
Acetophenone	76		75		14-144	1		50
2,4,6-Trichlorophenol	78		72		30-130	8		50
p-Chloro-m-cresol	81		74		26-103	9		50
2-Chlorophenol	77		76		25-102	1		50
2,4-Dichlorophenol	78		74		30-130	5		50
2,4-Dimethylphenol	72		68		30-130	6		50
2-Nitrophenol	71		70		30-130	1		50
4-Nitrophenol	85		76		11-114	11		50
2,4-Dinitrophenol	56		51		4-130	9		50
4,6-Dinitro-o-cresol	70		63		10-130	11		50
Pentachlorophenol	70		64		17-109	9		50
Phenol	75		73		26-90	3		50
2-Methylphenol	77		75		30-130.	3		50
3-Methylphenol/4-Methylphenol	78		75		30-130	4		50
2,4,5-Trichlorophenol	83		76		30-130	9		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50
Benzyl Alcohol	68		65		40-140	5		50
Carbazole	79		69		54-128	14		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2307987

Report Date: 02/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 Batch: WG1746023-2 WG1746023-3								
1,4-Dioxane	50		51		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	80		79		25-120
Phenol-d6	82		79		10-120
Nitrobenzene-d5	76		74		23-120
2-Fluorobiphenyl	75		70		30-120
2,4,6-Tribromophenol	84		74		10-136
4-Terphenyl-d14	79		69		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 27-30 Batch: WG1746072-2 WG1746072-3								
Acenaphthene	69		78		31-137	12		50
1,2,4-Trichlorobenzene	66		82		38-107	22		50
Hexachlorobenzene	68		76		40-140	11		50
Bis(2-chloroethyl)ether	58		72		40-140	22		50
2-Chloronaphthalene	68		82		40-140	19		50
1,2-Dichlorobenzene	66		80		40-140	19		50
1,3-Dichlorobenzene	63		79		40-140	23		50
1,4-Dichlorobenzene	63		78		28-104	21		50
3,3'-Dichlorobenzidine	60		50		40-140	18		50
2,4-Dinitrotoluene	75		84		40-132	11		50
2,6-Dinitrotoluene	72		81		40-140	12		50
Fluoranthene	73		82		40-140	12		50
4-Chlorophenyl phenyl ether	70		80		40-140	13		50
4-Bromophenyl phenyl ether	70		80		40-140	13		50
Bis(2-chloroisopropyl)ether	46		58		40-140	23		50
Bis(2-chloroethoxy)methane	59		71		40-117	18		50
Hexachlorobutadiene	60		73		40-140	20		50
Hexachlorocyclopentadiene	57		68		40-140	18		50
Hexachloroethane	53		67		40-140	23		50
Isophorone	59		69		40-140	16		50
Naphthalene	67		80		40-140	18		50
Nitrobenzene	58		72		40-140	22		50
NDPA/DPA	74		85		36-157	14		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2307987

Report Date: 02/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 27-30 Batch: WG1746072-2 WG1746072-3								
n-Nitrosodi-n-propylamine	55		68		32-121	21		50
Bis(2-ethylhexyl)phthalate	67		80		40-140	18		50
Butyl benzyl phthalate	72		80		40-140	11		50
Di-n-butylphthalate	68		79		40-140	15		50
Di-n-octylphthalate	71		83		40-140	16		50
Diethyl phthalate	67		78		40-140	15		50
Dimethyl phthalate	68		78		40-140	14		50
Benzo(a)anthracene	71		80		40-140	12		50
Benzo(a)pyrene	77		85		40-140	10		50
Benzo(b)fluoranthene	74		81		40-140	9		50
Benzo(k)fluoranthene	71		82		40-140	14		50
Chrysene	67		77		40-140	14		50
Acenaphthylene	74		86		40-140	15		50
Anthracene	70		80		40-140	13		50
Benzo(ghi)perylene	69		79		40-140	14		50
Fluorene	71		83		40-140	16		50
Phenanthrene	71		77		40-140	8		50
Dibenzo(a,h)anthracene	70		81		40-140	15		50
Indeno(1,2,3-cd)pyrene	81		91		40-140	12		50
Pyrene	73		80		35-142	9		50
Biphenyl	74		85		37-127	14		50
4-Chloroaniline	54		63		40-140	15		50
2-Nitroaniline	76		86		47-134	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2307987

Report Date: 02/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 27-30 Batch: WG1746072-2 WG1746072-3								
3-Nitroaniline	63		63		26-129	0		50
4-Nitroaniline	76		83		41-125	9		50
Dibenzofuran	71		81		40-140	13		50
2-Methylnaphthalene	68		80		40-140	16		50
1,2,4,5-Tetrachlorobenzene	68		80		40-117	16		50
Acetophenone	68		84		14-144	21		50
2,4,6-Trichlorophenol	75		83		30-130	10		50
p-Chloro-m-cresol	69		78		26-103	12		50
2-Chlorophenol	70		84		25-102	18		50
2,4-Dichlorophenol	72		86		30-130	18		50
2,4-Dimethylphenol	62		70		30-130	12		50
2-Nitrophenol	72		87		30-130	19		50
4-Nitrophenol	70		81		11-114	15		50
2,4-Dinitrophenol	67		71		4-130	6		50
4,6-Dinitro-o-cresol	75		84		10-130	11		50
Pentachlorophenol	63		74		17-109	16		50
Phenol	68		82		26-90	19		50
2-Methylphenol	68		83		30-130.	20		50
3-Methylphenol/4-Methylphenol	72		84		30-130	15		50
2,4,5-Trichlorophenol	76		87		30-130	13		50
Benzoic Acid	31		40		10-110	25		50
Benzyl Alcohol	65		80		40-140	21		50
Carbazole	73		81		54-128	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 27-30 Batch: WG1746072-2 WG1746072-3								
1,4-Dioxane	46		52		40-140	12		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	70		84		25-120
Phenol-d6	69		84		10-120
Nitrobenzene-d5	62		74		23-120
2-Fluorobiphenyl	69		81		30-120
2,4,6-Tribromophenol	69		79		10-136
4-Terphenyl-d14	69		78		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202
Lab Number: L2307987
Report Date: 02/22/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG1746023-4 WG1746023-5 QC Sample: L2307987-19 Client ID: PDI005_7												
Acenaphthene	150J	1600	1300	81		1400	88		31-137	7		50
1,2,4-Trichlorobenzene	ND	1600	1100	69		1200	75		38-107	9		50
Hexachlorobenzene	ND	1600	1200	75		1200	75		40-140	0		50
Bis(2-chloroethyl)ether	ND	1600	1000	63		1100	69		40-140	10		50
2-Chloronaphthalene	ND	1600	1100	69		1200	75		40-140	9		50
1,2-Dichlorobenzene	ND	1600	1100	69		1100	69		40-140	0		50
1,3-Dichlorobenzene	ND	1600	1000	63		1100	69		40-140	10		50
1,4-Dichlorobenzene	ND	1600	1100	69		1100	69		28-104	0		50
3,3'-Dichlorobenzidine	ND	1600	860J	54		970J	61		40-140	12		50
2,4-Dinitrotoluene	ND	1600	1300	81		1400	88		40-132	7		50
2,6-Dinitrotoluene	ND	1600	1100	69		1200	75		40-140	9		50
Fluoranthene	1400	1600	2200	50		2600	75		40-140	17		50
4-Chlorophenyl phenyl ether	ND	1600	1100	69		1200	75		40-140	9		50
4-Bromophenyl phenyl ether	ND	1600	1200	75		1300	82		40-140	8		50
Bis(2-chloroisopropyl)ether	ND	1600	1100J	69		1200	75		40-140	9		50
Bis(2-chloroethoxy)methane	ND	1600	1000J	63		1100	69		40-117	10		50
Hexachlorobutadiene	ND	1600	1200	75		1300	82		40-140	8		50
Hexachlorocyclopentadiene	ND	1600	ND	**0**	Q	ND	**0**	Q	40-140	NC		50
Hexachloroethane	ND	1600	1300	81		1400	88		40-140	7		50
Isophorone	ND	1600	980	61		1000	63		40-140	2		50
Naphthalene	240J	1600	1300	81		1400	88		40-140	7		50
Nitrobenzene	ND	1600	1400	88		1400	88		40-140	0		50
NDPA/DPA	ND	1600	1600	100		1600	100		36-157	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202
Lab Number: L2307987
Report Date: 02/22/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG1746023-4 WG1746023-5 QC Sample: L2307987-19 Client ID: PDI005_7												
n-Nitrosodi-n-propylamine	ND	1600	910J	57		1300	82		32-121	35		50
Bis(2-ethylhexyl)phthalate	ND	1600	1200	75		1300	82		40-140	8		50
Butyl benzyl phthalate	ND	1600	1200	75		1300	82		40-140	8		50
Di-n-butylphthalate	ND	1600	1100	69		1300	82		40-140	17		50
Di-n-octylphthalate	ND	1600	1100	69		1200	75		40-140	9		50
Diethyl phthalate	ND	1600	1100	69		1100	69		40-140	0		50
Dimethyl phthalate	ND	1600	1100	69		1200	75		40-140	9		50
Benzo(a)anthracene	630	1600	1600	61		1800	73		40-140	12		50
Benzo(a)pyrene	500J	1600	1500	94		1700	110		40-140	13		50
Benzo(b)fluoranthene	660	1600	1600	59		1800	71		40-140	12		50
Benzo(k)fluoranthene	230J	1600	1300	81		1500	94		40-140	14		50
Chrysene	620	1600	1500	55		1800	74		40-140	18		50
Acenaphthylene	190J	1600	1200	75		1300	82		40-140	8		50
Anthracene	340J	1600	1400	88		1600	100		40-140	13		50
Benzo(ghi)perylene	250J	1600	1200	75		1300	82		40-140	8		50
Fluorene	480J	1600	1500	94		1600	100		40-140	6		50
Phenanthrene	1800	1600	2500	44		2900	69		40-140	15		50
Dibenzo(a,h)anthracene	ND	1600	1000	63		1100	69		40-140	10		50
Indeno(1,2,3-cd)pyrene	290J	1600	1300	81		1500	94		40-140	14		50
Pyrene	1200	1600	2100	56		2400	75		35-142	13		50
Biphenyl	ND	1600	1000J	63		1100J	69		37-127	10		50
4-Chloroaniline	ND	1600	700J	44		650J	41		40-140	7		50
2-Nitroaniline	ND	1600	1100	69		1100	69		47-134	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2307987

Report Date: 02/22/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG1746023-4 WG1746023-5 QC Sample: L2307987-19 Client ID: PDI005_7												
3-Nitroaniline	ND	1600	1000	63		1100	69		26-129	10		50
4-Nitroaniline	ND	1600	1100	69		1200	75		41-125	9		50
Dibenzofuran	180J	1600	1300	81		1400	88		40-140	7		50
2-Methylnaphthalene	250J	1600	1200	75		1400	88		40-140	15		50
1,2,4,5-Tetrachlorobenzene	ND	1600	1100	69		1200	75		40-117	9		50
Acetophenone	920J	1600	1700	110		1700	110		14-144	0		50
2,4,6-Trichlorophenol	ND	1600	1100	69		1200	75		30-130	9		50
p-Chloro-m-cresol	ND	1600	1500	94		1600	100		26-103	6		50
2-Chlorophenol	ND	1600	1100	69		1200	75		25-102	9		50
2,4-Dichlorophenol	ND	1600	1200	75		1300	82		30-130	8		50
2,4-Dimethylphenol	ND	1600	630J	39		870J	55		30-130	32		50
2-Nitrophenol	ND	1600	960J	60		1000J	63		30-130	4		50
4-Nitrophenol	ND	1600	910J	57		1000J	63		11-114	9		50
2,4-Dinitrophenol	ND	1600	ND	**0**	Q	ND	**0**	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1600	770J	48		740J	46		10-130	4		50
Pentachlorophenol	ND	1600	1400	88		1500	94		17-109	7		50
Phenol	ND	1600	1000	63		1100	69		26-90	10		50
2-Methylphenol	ND	1600	1000	63		1100	69		30-130.	10		50
3-Methylphenol/4-Methylphenol	ND	1600	1100J	69		1100J	69		30-130	0		50
2,4,5-Trichlorophenol	ND	1600	1100	69		1200	75		30-130	9		50
Benzoic Acid	ND	1600	ND	**0**	Q	ND	**0**	Q	10-110	NC		50
Benzyl Alcohol	ND	1600	1100	69		1200	75		40-140	9		50
Carbazole	ND	1600	1200	75		1400	88		54-128	15		50

Matrix Spike Analysis

Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202
Lab Number: L2307987
Report Date: 02/22/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG1746023-4 WG1746023-5 QC Sample: L2307987-19 Client ID: PDI005_7												
1,4-Dioxane	ND	1600	840	53		770	48		40-140	9		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	82		89		10-136
2-Fluorobiphenyl	68		73		30-120
2-Fluorophenol	72		75		25-120
4-Terphenyl-d14	71		75		18-120
Nitrobenzene-d5	77		77		23-120
Phenol-d6	68		73		10-120

PCBS

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-07
Client ID: PDI026_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:15
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/19/23 13:18
Analyst: AD
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 16:18
Cleanup Method: EPA 3665A
Cleanup Date: 02/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.4	3.23	1	A
Aroclor 1221	ND		ug/kg	36.4	3.65	1	A
Aroclor 1232	ND		ug/kg	36.4	7.72	1	A
Aroclor 1242	ND		ug/kg	36.4	4.91	1	A
Aroclor 1248	ND		ug/kg	36.4	5.46	1	A
Aroclor 1254	59.9		ug/kg	36.4	3.98	1	B
Aroclor 1260	ND		ug/kg	36.4	6.73	1	A
Aroclor 1262	ND		ug/kg	36.4	4.62	1	A
Aroclor 1268	ND		ug/kg	36.4	3.77	1	A
PCBs, Total	59.9		ug/kg	36.4	3.23	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-08
Client ID: PDI026_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:17
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/19/23 13:31
Analyst: AD
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 16:18
Cleanup Method: EPA 3665A
Cleanup Date: 02/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.4	3.50	1	A
Aroclor 1221	ND		ug/kg	39.4	3.95	1	A
Aroclor 1232	ND		ug/kg	39.4	8.36	1	A
Aroclor 1242	ND		ug/kg	39.4	5.32	1	A
Aroclor 1248	ND		ug/kg	39.4	5.92	1	A
Aroclor 1254	ND		ug/kg	39.4	4.32	1	A
Aroclor 1260	ND		ug/kg	39.4	7.29	1	B
Aroclor 1262	ND		ug/kg	39.4	5.01	1	A
Aroclor 1268	ND		ug/kg	39.4	4.09	1	B
PCBs, Total	ND		ug/kg	39.4	3.50	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-09
Client ID: PDI026_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:21
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/19/23 13:43
Analyst: AD
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 16:18
Cleanup Method: EPA 3665A
Cleanup Date: 02/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	43.5	3.86	1	A
Aroclor 1221	ND		ug/kg	43.5	4.36	1	A
Aroclor 1232	ND		ug/kg	43.5	9.22	1	A
Aroclor 1242	ND		ug/kg	43.5	5.86	1	A
Aroclor 1248	ND		ug/kg	43.5	6.53	1	A
Aroclor 1254	13.4	J	ug/kg	43.5	4.76	1	B
Aroclor 1260	11.5	J	ug/kg	43.5	8.04	1	A
Aroclor 1262	ND		ug/kg	43.5	5.53	1	A
Aroclor 1268	ND		ug/kg	43.5	4.51	1	A
PCBs, Total	24.9	J	ug/kg	43.5	3.86	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-10
Client ID: PDI026_7
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:30
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/19/23 13:56
Analyst: AD
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 16:18
Cleanup Method: EPA 3665A
Cleanup Date: 02/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.3	3.49	1	A
Aroclor 1221	ND		ug/kg	39.3	3.94	1	A
Aroclor 1232	ND		ug/kg	39.3	8.34	1	A
Aroclor 1242	ND		ug/kg	39.3	5.30	1	A
Aroclor 1248	ND		ug/kg	39.3	5.90	1	A
Aroclor 1254	ND		ug/kg	39.3	4.30	1	A
Aroclor 1260	22.5	J	ug/kg	39.3	7.27	1	B
Aroclor 1262	ND		ug/kg	39.3	5.00	1	A
Aroclor 1268	ND		ug/kg	39.3	4.08	1	A
PCBs, Total	22.5	J	ug/kg	39.3	3.49	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-11
Client ID: PDI026_9
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:33
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/19/23 14:09
Analyst: AD
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 16:18
Cleanup Method: EPA 3665A
Cleanup Date: 02/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.5	3.33	1	A
Aroclor 1221	ND		ug/kg	37.5	3.76	1	A
Aroclor 1232	ND		ug/kg	37.5	7.96	1	A
Aroclor 1242	ND		ug/kg	37.5	5.06	1	A
Aroclor 1248	ND		ug/kg	37.5	5.63	1	A
Aroclor 1254	ND		ug/kg	37.5	4.10	1	A
Aroclor 1260	ND		ug/kg	37.5	6.93	1	B
Aroclor 1262	ND		ug/kg	37.5	4.76	1	A
Aroclor 1268	ND		ug/kg	37.5	3.89	1	A
PCBs, Total	ND		ug/kg	37.5	3.33	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-12
Client ID: PDI026_11
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:35
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/19/23 14:22
Analyst: AD
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 16:18
Cleanup Method: EPA 3665A
Cleanup Date: 02/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
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	9.17	J	ug/kg	36.6	4.01	1	B
Aroclor 1260	7.59	J	ug/kg	36.6	6.77	1	B
Aroclor 1262	ND		ug/kg	36.6	4.65	1	A
Aroclor 1268	ND		ug/kg	36.6	3.80	1	A
PCBs, Total	16.8	J	ug/kg	36.6	3.25	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-21
Client ID: PDI006_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 12:28
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/19/23 14:35
Analyst: AD
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 16:18
Cleanup Method: EPA 3665A
Cleanup Date: 02/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.8	3.27	1	A
Aroclor 1221	ND		ug/kg	36.8	3.69	1	A
Aroclor 1232	ND		ug/kg	36.8	7.80	1	A
Aroclor 1242	ND		ug/kg	36.8	4.96	1	A
Aroclor 1248	ND		ug/kg	36.8	5.52	1	A
Aroclor 1254	ND		ug/kg	36.8	4.03	1	A
Aroclor 1260	7.23	J	ug/kg	36.8	6.80	1	A
Aroclor 1262	ND		ug/kg	36.8	4.68	1	A
Aroclor 1268	ND		ug/kg	36.8	3.81	1	A
PCBs, Total	7.23	J	ug/kg	36.8	3.27	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-22
Client ID: PDI006_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 12:29
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/19/23 14:48
Analyst: AD
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 16:18
Cleanup Method: EPA 3665A
Cleanup Date: 02/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.2	3.21	1	A
Aroclor 1221	ND		ug/kg	36.2	3.62	1	A
Aroclor 1232	ND		ug/kg	36.2	7.66	1	A
Aroclor 1242	ND		ug/kg	36.2	4.87	1	A
Aroclor 1248	ND		ug/kg	36.2	5.42	1	A
Aroclor 1254	ND		ug/kg	36.2	3.95	1	A
Aroclor 1260	ND		ug/kg	36.2	6.68	1	A
Aroclor 1262	ND		ug/kg	36.2	4.59	1	A
Aroclor 1268	ND		ug/kg	36.2	3.74	1	A
PCBs, Total	ND		ug/kg	36.2	3.21	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-23 D
Client ID: PDI006_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 12:32
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/20/23 15:30
Analyst: MEO
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 16:18
Cleanup Method: EPA 3665A
Cleanup Date: 02/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	215	19.1	5	A
Aroclor 1221	ND		ug/kg	215	21.5	5	A
Aroclor 1232	ND		ug/kg	215	45.5	5	A
Aroclor 1242	ND		ug/kg	215	29.0	5	A
Aroclor 1248	ND		ug/kg	215	32.2	5	A
Aroclor 1254	ND		ug/kg	215	23.5	5	A
Aroclor 1260	ND		ug/kg	215	39.7	5	A
Aroclor 1262	ND		ug/kg	215	27.3	5	A
Aroclor 1268	ND		ug/kg	215	22.2	5	A
PCBs, Total	ND		ug/kg	215	19.1	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	37		30-150	B

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-24 D
Client ID: PDI006_7
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 12:35
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/20/23 15:11
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 16:18
Cleanup Method: EPA 3665A
Cleanup Date: 02/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	186	16.5	5	A
Aroclor 1221	ND		ug/kg	186	18.6	5	A
Aroclor 1232	ND		ug/kg	186	39.3	5	A
Aroclor 1242	ND		ug/kg	186	25.0	5	A
Aroclor 1248	ND		ug/kg	186	27.8	5	A
Aroclor 1254	ND		ug/kg	186	20.3	5	A
Aroclor 1260	ND		ug/kg	186	34.3	5	A
Aroclor 1262	ND		ug/kg	186	23.6	5	A
Aroclor 1268	ND		ug/kg	186	19.2	5	A
PCBs, Total	ND		ug/kg	186	16.5	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-25
Client ID: PDI006_9
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 12:39
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/19/23 15:00
Analyst: AD
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 16:18
Cleanup Method: EPA 3665A
Cleanup Date: 02/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.7	3.26	1	A
Aroclor 1221	ND		ug/kg	36.7	3.68	1	A
Aroclor 1232	ND		ug/kg	36.7	7.78	1	A
Aroclor 1242	ND		ug/kg	36.7	4.94	1	A
Aroclor 1248	ND		ug/kg	36.7	5.50	1	A
Aroclor 1254	7.10	J	ug/kg	36.7	4.01	1	B
Aroclor 1260	ND		ug/kg	36.7	6.78	1	A
Aroclor 1262	ND		ug/kg	36.7	4.66	1	A
Aroclor 1268	ND		ug/kg	36.7	3.80	1	A
PCBs, Total	7.10	J	ug/kg	36.7	3.26	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-30 D
Client ID: PDI006_11
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 12:40
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/20/23 15:20
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/18/23 16:18
Cleanup Method: EPA 3665A
Cleanup Date: 02/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	185	16.4	5	A
Aroclor 1221	ND		ug/kg	185	18.5	5	A
Aroclor 1232	ND		ug/kg	185	39.2	5	A
Aroclor 1242	ND		ug/kg	185	24.9	5	A
Aroclor 1248	ND		ug/kg	185	27.7	5	A
Aroclor 1254	ND		ug/kg	185	20.2	5	A
Aroclor 1260	ND		ug/kg	185	34.1	5	A
Aroclor 1262	ND		ug/kg	185	23.5	5	A
Aroclor 1268	ND		ug/kg	185	19.1	5	A
PCBs, Total	ND		ug/kg	185	16.4	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	42		30-150	B

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-31
Client ID: EQUIP BLANK
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 13:25
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 02/17/23 11:25
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 02/16/23 18:45
Cleanup Method: EPA 3665A
Cleanup Date: 02/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
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	97		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/16/23 08:30
Analyst: ER

Extraction Method: EPA 3510C
Extraction Date: 02/16/23 00:42
Cleanup Method: EPA 3665A
Cleanup Date: 02/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 31 Batch: WG1744977-1						
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	88		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/19/23 11:23
Analyst: AD

Extraction Method: EPA 3546
Extraction Date: 02/18/23 15:09
Cleanup Method: EPA 3665A
Cleanup Date: 02/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 07-12,21-25,30 Batch: WG1746040-1						
Aroclor 1016	ND		ug/kg	32.8	2.91	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	4.42	A
Aroclor 1248	ND		ug/kg	32.8	4.92	A
Aroclor 1254	ND		ug/kg	32.8	3.59	A
Aroclor 1260	ND		ug/kg	32.8	6.06	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	2.91	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	76		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2307987

Report Date: 02/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 31 Batch: WG1744977-2 WG1744977-3									
Aroclor 1016	88		100		40-140	13		50	A
Aroclor 1260	81		90		40-140	11		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		98		30-150	A
Decachlorobiphenyl	88		100		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		97		30-150	B
Decachlorobiphenyl	91		112		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2307987

Report Date: 02/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 07-12,21-25,30 Batch: WG1746040-2 WG1746040-3									
Aroclor 1016	88		83		40-140	6		50	A
Aroclor 1260	74		66		40-140	11		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		88		30-150	A
Decachlorobiphenyl	76		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		85		30-150	B
Decachlorobiphenyl	75		70		30-150	B

METALS

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-01 Date Collected: 02/14/23 10:13

Client ID: PDI002_11 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	5460		mg/kg	8.26	2.23	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC
Antimony, Total	0.399	J	mg/kg	4.13	0.314	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC
Arsenic, Total	3.02		mg/kg	0.826	0.172	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC
Barium, Total	39.0		mg/kg	0.826	0.144	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.414		mg/kg	0.413	0.027	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.826	0.081	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC
Calcium, Total	1250		mg/kg	8.26	2.89	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC
Chromium, Total	13.1		mg/kg	0.826	0.079	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC
Cobalt, Total	5.10		mg/kg	1.65	0.137	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC
Copper, Total	14.6		mg/kg	0.826	0.213	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC
Iron, Total	11000		mg/kg	4.13	0.746	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC
Lead, Total	6.59		mg/kg	4.13	0.222	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC
Magnesium, Total	2620		mg/kg	8.26	1.27	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC
Manganese, Total	289		mg/kg	0.826	0.131	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.071	0.047	1	02/21/23 02:30	02/21/23 12:16	EPA 7471B	1,7471B	ZNK
Nickel, Total	18.6		mg/kg	2.07	0.200	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC
Potassium, Total	1080		mg/kg	207	11.9	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.65	0.213	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.413	0.234	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC
Sodium, Total	71.6	J	mg/kg	165	2.60	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC
Thallium, Total	0.320	J	mg/kg	1.65	0.260	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC
Vanadium, Total	21.8		mg/kg	0.826	0.168	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC
Zinc, Total	37.0		mg/kg	4.13	0.242	2	02/17/23 08:20	02/17/23 17:45	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-02 Date Collected: 02/14/23 10:17

Client ID: PDI002_13 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	6760		mg/kg	8.22	2.22	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC
Antimony, Total	0.500	J	mg/kg	4.11	0.312	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC
Arsenic, Total	3.41		mg/kg	0.822	0.171	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC
Barium, Total	52.4		mg/kg	0.822	0.143	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.436		mg/kg	0.411	0.027	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.822	0.081	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC
Calcium, Total	1510		mg/kg	8.22	2.88	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC
Chromium, Total	12.9		mg/kg	0.822	0.079	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC
Cobalt, Total	5.16		mg/kg	1.64	0.136	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC
Copper, Total	16.8		mg/kg	0.822	0.212	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC
Iron, Total	12200		mg/kg	4.11	0.742	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC
Lead, Total	7.38		mg/kg	4.11	0.220	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC
Magnesium, Total	2500		mg/kg	8.22	1.26	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC
Manganese, Total	408		mg/kg	0.822	0.131	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.076	0.050	1	02/21/23 02:30	02/21/23 12:26	EPA 7471B	1,7471B	ZNK
Nickel, Total	17.1		mg/kg	2.05	0.199	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC
Potassium, Total	1200		mg/kg	205	11.8	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.64	0.212	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.411	0.232	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC
Sodium, Total	98.2	J	mg/kg	164	2.59	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.64	0.259	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC
Vanadium, Total	21.1		mg/kg	0.822	0.167	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC
Zinc, Total	39.6		mg/kg	4.11	0.241	2	02/17/23 08:20	02/17/23 17:48	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-03 Date Collected: 02/14/23 08:55

Client ID: PDI003_11 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	8880		mg/kg	8.59	2.32	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC
Antimony, Total	1.37	J	mg/kg	4.29	0.326	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC
Arsenic, Total	5.17		mg/kg	0.859	0.179	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC
Barium, Total	74.3		mg/kg	0.859	0.149	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.487		mg/kg	0.429	0.028	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.142	J	mg/kg	0.859	0.084	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC
Calcium, Total	4760		mg/kg	8.59	3.01	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC
Chromium, Total	20.9		mg/kg	0.859	0.082	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC
Cobalt, Total	5.25		mg/kg	1.72	0.142	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC
Copper, Total	70.0		mg/kg	0.859	0.222	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC
Iron, Total	13900		mg/kg	4.29	0.776	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC
Lead, Total	149		mg/kg	4.29	0.230	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC
Magnesium, Total	2230		mg/kg	8.59	1.32	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC
Manganese, Total	208		mg/kg	0.859	0.136	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC
Mercury, Total	0.388		mg/kg	0.089	0.058	1	02/21/23 02:30	02/21/23 12:29	EPA 7471B	1,7471B	ZNK
Nickel, Total	14.7		mg/kg	2.15	0.208	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC
Potassium, Total	815		mg/kg	215	12.4	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.72	0.222	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.429	0.243	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC
Sodium, Total	135	J	mg/kg	172	2.70	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.72	0.270	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC
Vanadium, Total	21.5		mg/kg	0.859	0.174	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC
Zinc, Total	110		mg/kg	4.29	0.252	2	02/17/23 08:20	02/17/23 17:58	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-04 Date Collected: 02/14/23 08:55

Client ID: PDI003_13 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	9290		mg/kg	8.59	2.32	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC
Antimony, Total	0.395	J	mg/kg	4.30	0.326	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC
Arsenic, Total	2.60		mg/kg	0.859	0.179	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC
Barium, Total	53.6		mg/kg	0.859	0.150	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.505		mg/kg	0.430	0.028	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.859	0.084	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC
Calcium, Total	1270		mg/kg	8.59	3.01	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC
Chromium, Total	27.5		mg/kg	0.859	0.083	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC
Cobalt, Total	8.04		mg/kg	1.72	0.143	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC
Copper, Total	21.4		mg/kg	0.859	0.222	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC
Iron, Total	15700		mg/kg	4.30	0.776	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC
Lead, Total	5.56		mg/kg	4.30	0.230	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC
Magnesium, Total	3850		mg/kg	8.59	1.32	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC
Manganese, Total	253		mg/kg	0.859	0.137	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.079	0.051	1	02/21/23 02:30	02/21/23 12:32	EPA 7471B	1,7471B	ZNK
Nickel, Total	23.4		mg/kg	2.15	0.208	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC
Potassium, Total	2780		mg/kg	215	12.4	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.72	0.222	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.430	0.243	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC
Sodium, Total	112	J	mg/kg	172	2.71	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC
Thallium, Total	0.666	J	mg/kg	1.72	0.271	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC
Vanadium, Total	32.1		mg/kg	0.859	0.174	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC
Zinc, Total	42.8		mg/kg	4.30	0.252	2	02/17/23 08:20	02/17/23 18:01	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-05 Date Collected: 02/14/23 09:45

Client ID: PDI004_11 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY 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
Total Metals - Mansfield Lab											
Aluminum, Total	6680		mg/kg	8.62	2.33	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC
Antimony, Total	ND		mg/kg	4.31	0.327	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC
Arsenic, Total	2.59		mg/kg	0.862	0.179	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC
Barium, Total	45.8		mg/kg	0.862	0.150	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.418	J	mg/kg	0.431	0.028	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.862	0.084	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC
Calcium, Total	1210		mg/kg	8.62	3.02	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC
Chromium, Total	17.0		mg/kg	0.862	0.083	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC
Cobalt, Total	10.2		mg/kg	1.72	0.143	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC
Copper, Total	14.0		mg/kg	0.862	0.222	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC
Iron, Total	12800		mg/kg	4.31	0.778	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC
Lead, Total	6.92		mg/kg	4.31	0.231	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC
Magnesium, Total	2340		mg/kg	8.62	1.33	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC
Manganese, Total	503		mg/kg	0.862	0.137	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.088	0.057	1	02/21/23 02:30	02/21/23 12:35	EPA 7471B	1,7471B	ZNK
Nickel, Total	23.2		mg/kg	2.15	0.208	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC
Potassium, Total	1200		mg/kg	215	12.4	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.72	0.222	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.431	0.244	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC
Sodium, Total	105	J	mg/kg	172	2.71	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.72	0.271	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC
Vanadium, Total	23.7		mg/kg	0.862	0.175	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC
Zinc, Total	31.7		mg/kg	4.31	0.252	2	02/17/23 08:20	02/17/23 18:04	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-06 Date Collected: 02/14/23 09:41

Client ID: PDI004_13 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY 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
Total Metals - Mansfield Lab											
Aluminum, Total	6870		mg/kg	8.34	2.25	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC
Antimony, Total	ND		mg/kg	4.17	0.317	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC
Arsenic, Total	2.27		mg/kg	0.834	0.174	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC
Barium, Total	46.4		mg/kg	0.834	0.145	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.452		mg/kg	0.417	0.028	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.834	0.082	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC
Calcium, Total	1200		mg/kg	8.34	2.92	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC
Chromium, Total	14.2		mg/kg	0.834	0.080	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC
Cobalt, Total	5.38		mg/kg	1.67	0.138	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC
Copper, Total	14.3		mg/kg	0.834	0.215	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC
Iron, Total	13300		mg/kg	4.17	0.753	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC
Lead, Total	6.49		mg/kg	4.17	0.224	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC
Magnesium, Total	2360		mg/kg	8.34	1.28	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC
Manganese, Total	217		mg/kg	0.834	0.133	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.092	0.060	1	02/21/23 02:30	02/21/23 12:39	EPA 7471B	1,7471B	ZNK
Nickel, Total	17.0		mg/kg	2.08	0.202	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC
Potassium, Total	1270		mg/kg	208	12.0	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.67	0.215	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.417	0.236	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC
Sodium, Total	100	J	mg/kg	167	2.63	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.67	0.263	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC
Vanadium, Total	21.6		mg/kg	0.834	0.169	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC
Zinc, Total	30.8		mg/kg	4.17	0.244	2	02/17/23 08:20	02/17/23 18:08	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-07 Date Collected: 02/14/23 08:15

Client ID: PDI026_1 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7450		mg/kg	8.69	2.35	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC
Antimony, Total	1.17	J	mg/kg	4.34	0.330	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC
Arsenic, Total	5.61		mg/kg	0.869	0.181	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC
Barium, Total	55.0		mg/kg	0.869	0.151	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.380	J	mg/kg	0.434	0.029	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.522	J	mg/kg	0.869	0.085	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC
Calcium, Total	16700		mg/kg	8.69	3.04	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC
Chromium, Total	13.9		mg/kg	0.869	0.083	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC
Cobalt, Total	4.81		mg/kg	1.74	0.144	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC
Copper, Total	34.2		mg/kg	0.869	0.224	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC
Iron, Total	13200		mg/kg	4.34	0.785	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC
Lead, Total	112		mg/kg	4.34	0.233	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC
Magnesium, Total	8030		mg/kg	8.69	1.34	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC
Manganese, Total	277		mg/kg	0.869	0.138	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC
Mercury, Total	0.284		mg/kg	0.082	0.054	1	02/21/23 02:30	02/21/23 12:42	EPA 7471B	1,7471B	ZNK
Nickel, Total	12.7		mg/kg	2.17	0.210	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC
Potassium, Total	737		mg/kg	217	12.5	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.74	0.224	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.434	0.246	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC
Sodium, Total	133	J	mg/kg	174	2.74	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.74	0.274	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC
Vanadium, Total	20.9		mg/kg	0.869	0.176	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC
Zinc, Total	142		mg/kg	4.34	0.255	2	02/17/23 08:20	02/17/23 18:11	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-08 Date Collected: 02/14/23 08:17

Client ID: PDI026_3 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7280		mg/kg	9.38	2.53	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC
Antimony, Total	0.364	J	mg/kg	4.69	0.356	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC
Arsenic, Total	3.95		mg/kg	0.938	0.195	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC
Barium, Total	41.8		mg/kg	0.938	0.163	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.392	J	mg/kg	0.469	0.031	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.135	J	mg/kg	0.938	0.092	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC
Calcium, Total	11900		mg/kg	9.38	3.28	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC
Chromium, Total	11.9		mg/kg	0.938	0.090	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC
Cobalt, Total	4.71		mg/kg	1.88	0.156	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC
Copper, Total	33.9		mg/kg	0.938	0.242	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC
Iron, Total	12100		mg/kg	4.69	0.847	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC
Lead, Total	43.9		mg/kg	4.69	0.251	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC
Magnesium, Total	2940		mg/kg	9.38	1.44	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC
Manganese, Total	253		mg/kg	0.938	0.149	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC
Mercury, Total	0.098		mg/kg	0.088	0.057	1	02/21/23 02:30	02/21/23 12:45	EPA 7471B	1,7471B	ZNK
Nickel, Total	11.2		mg/kg	2.34	0.227	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC
Potassium, Total	863		mg/kg	234	13.5	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.88	0.242	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.469	0.265	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC
Sodium, Total	148	J	mg/kg	188	2.95	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.88	0.295	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC
Vanadium, Total	19.2		mg/kg	0.938	0.190	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC
Zinc, Total	117		mg/kg	4.69	0.275	2	02/17/23 08:20	02/17/23 18:14	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-09 Date Collected: 02/14/23 08:21

Client ID: PDI026_5 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6620		mg/kg	10.2	2.74	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC
Antimony, Total	2.23	J	mg/kg	5.08	0.386	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC
Arsenic, Total	9.63		mg/kg	1.02	0.211	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC
Barium, Total	100		mg/kg	1.02	0.177	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.163	J	mg/kg	0.508	0.034	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC
Cadmium, Total	1.82		mg/kg	1.02	0.100	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC
Calcium, Total	62000		mg/kg	10.2	3.56	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC
Chromium, Total	23.4		mg/kg	1.02	0.098	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC
Cobalt, Total	4.58		mg/kg	2.03	0.169	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC
Copper, Total	154		mg/kg	1.02	0.262	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC
Iron, Total	15300		mg/kg	5.08	0.918	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC
Lead, Total	359		mg/kg	5.08	0.272	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC
Magnesium, Total	33400		mg/kg	10.2	1.56	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC
Manganese, Total	217		mg/kg	1.02	0.162	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC
Mercury, Total	0.176		mg/kg	0.106	0.069	1	02/21/23 02:30	02/21/23 12:49	EPA 7471B	1,7471B	ZNK
Nickel, Total	21.2		mg/kg	2.54	0.246	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC
Potassium, Total	761		mg/kg	254	14.6	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	2.03	0.262	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.508	0.288	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC
Sodium, Total	187	J	mg/kg	203	3.20	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	2.03	0.320	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC
Vanadium, Total	24.8		mg/kg	1.02	0.206	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC
Zinc, Total	392		mg/kg	5.08	0.298	2	02/17/23 08:20	02/17/23 18:17	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-10 Date Collected: 02/14/23 08:30

Client ID: PDI026_7 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	7700		mg/kg	9.28	2.51	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC
Antimony, Total	1.07	J	mg/kg	4.64	0.353	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC
Arsenic, Total	7.59		mg/kg	0.928	0.193	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC
Barium, Total	44.3		mg/kg	0.928	0.162	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.273	J	mg/kg	0.464	0.031	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.330	J	mg/kg	0.928	0.091	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC
Calcium, Total	18400		mg/kg	9.28	3.25	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC
Chromium, Total	13.0		mg/kg	0.928	0.089	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC
Cobalt, Total	3.28		mg/kg	1.86	0.154	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC
Copper, Total	30.7		mg/kg	0.928	0.240	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC
Iron, Total	10800		mg/kg	4.64	0.838	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC
Lead, Total	70.6		mg/kg	4.64	0.249	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC
Magnesium, Total	9170		mg/kg	9.28	1.43	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC
Manganese, Total	160		mg/kg	0.928	0.148	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC
Mercury, Total	0.082	J	mg/kg	0.088	0.057	1	02/21/23 02:30	02/21/23 12:52	EPA 7471B	1,7471B	ZNK
Nickel, Total	9.87		mg/kg	2.32	0.225	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC
Potassium, Total	491		mg/kg	232	13.4	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.86	0.240	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.464	0.263	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC
Sodium, Total	165	J	mg/kg	186	2.92	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.86	0.292	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC
Vanadium, Total	19.6		mg/kg	0.928	0.188	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC
Zinc, Total	95.2		mg/kg	4.64	0.272	2	02/17/23 08:20	02/17/23 18:21	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-11 Date Collected: 02/14/23 08:33

Client ID: PDI026_9 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY 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
Total Metals - Mansfield Lab											
Aluminum, Total	4200		mg/kg	8.90	2.40	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC
Antimony, Total	ND		mg/kg	4.45	0.338	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC
Arsenic, Total	2.68		mg/kg	0.890	0.185	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC
Barium, Total	18.0		mg/kg	0.890	0.155	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.223	J	mg/kg	0.445	0.029	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.890	0.087	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC
Calcium, Total	5470		mg/kg	8.90	3.12	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC
Chromium, Total	7.38		mg/kg	0.890	0.086	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC
Cobalt, Total	2.64		mg/kg	1.78	0.148	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC
Copper, Total	8.08		mg/kg	0.890	0.230	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC
Iron, Total	6990		mg/kg	4.45	0.804	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC
Lead, Total	16.4		mg/kg	4.45	0.239	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC
Magnesium, Total	2730		mg/kg	8.90	1.37	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC
Manganese, Total	106		mg/kg	0.890	0.142	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.095	0.062	1	02/21/23 02:30	02/21/23 12:55	EPA 7471B	1,7471B	ZNK
Nickel, Total	6.35		mg/kg	2.22	0.215	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC
Potassium, Total	383		mg/kg	222	12.8	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.78	0.230	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.445	0.252	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC
Sodium, Total	78.1	J	mg/kg	178	2.80	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.78	0.280	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC
Vanadium, Total	12.0		mg/kg	0.890	0.181	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC
Zinc, Total	37.6		mg/kg	4.45	0.261	2	02/17/23 08:20	02/17/23 18:24	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-12 Date Collected: 02/14/23 08:35

Client ID: PDI026_11 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9500		mg/kg	8.64	2.33	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC
Antimony, Total	0.667	J	mg/kg	4.32	0.328	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC
Arsenic, Total	4.64		mg/kg	0.864	0.180	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC
Barium, Total	47.7		mg/kg	0.864	0.150	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.375	J	mg/kg	0.432	0.029	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.864	0.085	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC
Calcium, Total	22900		mg/kg	8.64	3.02	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC
Chromium, Total	17.1		mg/kg	0.864	0.083	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC
Cobalt, Total	5.69		mg/kg	1.73	0.143	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC
Copper, Total	12.8		mg/kg	0.864	0.223	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC
Iron, Total	14300		mg/kg	4.32	0.780	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC
Lead, Total	24.0		mg/kg	4.32	0.232	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC
Magnesium, Total	6640		mg/kg	8.64	1.33	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC
Manganese, Total	362		mg/kg	0.864	0.137	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.081	0.053	1	02/21/23 02:30	02/21/23 13:05	EPA 7471B	1,7471B	ZNK
Nickel, Total	12.1		mg/kg	2.16	0.209	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC
Potassium, Total	819		mg/kg	216	12.4	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.73	0.223	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.432	0.244	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC
Sodium, Total	235		mg/kg	173	2.72	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.73	0.272	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC
Vanadium, Total	22.7		mg/kg	0.864	0.175	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC
Zinc, Total	54.7		mg/kg	4.32	0.253	2	02/17/23 08:20	02/17/23 18:27	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-13 Date Collected: 02/14/23 10:55

Client ID: PDI001_3 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10200		mg/kg	9.18	2.48	2	02/17/23 08:20	02/17/23 19:41	EPA 3050B	1,6010D	GCL
Antimony, Total	2.67	J	mg/kg	4.59	0.349	2	02/17/23 08:20	02/18/23 14:51	EPA 3050B	1,6010D	MRC
Arsenic, Total	4.44		mg/kg	0.918	0.191	2	02/17/23 08:20	02/17/23 19:41	EPA 3050B	1,6010D	GCL
Barium, Total	109		mg/kg	0.918	0.160	2	02/17/23 08:20	02/17/23 19:41	EPA 3050B	1,6010D	GCL
Beryllium, Total	0.839		mg/kg	0.459	0.030	2	02/17/23 08:20	02/17/23 19:41	EPA 3050B	1,6010D	GCL
Cadmium, Total	0.712	J	mg/kg	0.918	0.090	2	02/17/23 08:20	02/17/23 19:41	EPA 3050B	1,6010D	GCL
Calcium, Total	1780		mg/kg	9.18	3.21	2	02/17/23 08:20	02/17/23 19:41	EPA 3050B	1,6010D	GCL
Chromium, Total	11.5		mg/kg	0.918	0.088	2	02/17/23 08:20	02/17/23 19:41	EPA 3050B	1,6010D	GCL
Cobalt, Total	5.03		mg/kg	1.84	0.152	2	02/17/23 08:20	02/17/23 19:41	EPA 3050B	1,6010D	GCL
Copper, Total	59.3		mg/kg	0.918	0.237	2	02/17/23 08:20	02/17/23 19:41	EPA 3050B	1,6010D	GCL
Iron, Total	16100		mg/kg	4.59	0.829	2	02/17/23 08:20	02/17/23 19:41	EPA 3050B	1,6010D	GCL
Lead, Total	456		mg/kg	4.59	0.246	2	02/17/23 08:20	02/17/23 19:41	EPA 3050B	1,6010D	GCL
Magnesium, Total	1550		mg/kg	9.18	1.41	2	02/17/23 08:20	02/17/23 19:41	EPA 3050B	1,6010D	GCL
Manganese, Total	381		mg/kg	0.918	0.146	2	02/17/23 08:20	02/17/23 19:41	EPA 3050B	1,6010D	GCL
Mercury, Total	0.575		mg/kg	0.087	0.057	1	02/21/23 02:30	02/21/23 13:08	EPA 7471B	1,7471B	ZNK
Nickel, Total	17.8		mg/kg	2.29	0.222	2	02/17/23 08:20	02/17/23 19:41	EPA 3050B	1,6010D	GCL
Potassium, Total	473		mg/kg	229	13.2	2	02/17/23 08:20	02/17/23 19:41	EPA 3050B	1,6010D	GCL
Selenium, Total	0.313	J	mg/kg	1.84	0.237	2	02/17/23 08:20	02/17/23 19:41	EPA 3050B	1,6010D	GCL
Silver, Total	ND		mg/kg	0.459	0.260	2	02/17/23 08:20	02/17/23 19:41	EPA 3050B	1,6010D	GCL
Sodium, Total	114	J	mg/kg	184	2.89	2	02/17/23 08:20	02/17/23 19:41	EPA 3050B	1,6010D	GCL
Thallium, Total	ND		mg/kg	1.84	0.289	2	02/17/23 08:20	02/17/23 19:41	EPA 3050B	1,6010D	GCL
Vanadium, Total	16.3		mg/kg	0.918	0.186	2	02/17/23 08:20	02/17/23 19:41	EPA 3050B	1,6010D	GCL
Zinc, Total	366		mg/kg	4.59	0.269	2	02/17/23 08:20	02/17/23 19:41	EPA 3050B	1,6010D	GCL

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-14 Date Collected: 02/14/23 10:58

Client ID: PDI001_5 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13800		mg/kg	9.45	2.55	2	02/17/23 08:20	02/17/23 19:44	EPA 3050B	1,6010D	GCL
Antimony, Total	ND		mg/kg	4.73	0.359	2	02/17/23 08:20	02/18/23 14:54	EPA 3050B	1,6010D	MRC
Arsenic, Total	7.28		mg/kg	0.945	0.197	2	02/17/23 08:20	02/17/23 19:44	EPA 3050B	1,6010D	GCL
Barium, Total	49.2		mg/kg	0.945	0.164	2	02/17/23 08:20	02/17/23 19:44	EPA 3050B	1,6010D	GCL
Beryllium, Total	0.668		mg/kg	0.473	0.031	2	02/17/23 08:20	02/17/23 19:44	EPA 3050B	1,6010D	GCL
Cadmium, Total	ND		mg/kg	0.945	0.093	2	02/17/23 08:20	02/17/23 19:44	EPA 3050B	1,6010D	GCL
Calcium, Total	1150		mg/kg	9.45	3.31	2	02/17/23 08:20	02/17/23 19:44	EPA 3050B	1,6010D	GCL
Chromium, Total	21.3		mg/kg	0.945	0.091	2	02/17/23 08:20	02/17/23 19:44	EPA 3050B	1,6010D	GCL
Cobalt, Total	11.5		mg/kg	1.89	0.157	2	02/17/23 08:20	02/17/23 19:44	EPA 3050B	1,6010D	GCL
Copper, Total	8.51		mg/kg	0.945	0.244	2	02/17/23 08:20	02/17/23 19:44	EPA 3050B	1,6010D	GCL
Iron, Total	23200		mg/kg	4.73	0.854	2	02/17/23 08:20	02/17/23 19:44	EPA 3050B	1,6010D	GCL
Lead, Total	11.9		mg/kg	4.73	0.253	2	02/17/23 08:20	02/17/23 19:44	EPA 3050B	1,6010D	GCL
Magnesium, Total	1950		mg/kg	9.45	1.46	2	02/17/23 08:20	02/17/23 19:44	EPA 3050B	1,6010D	GCL
Manganese, Total	792		mg/kg	0.945	0.150	2	02/17/23 08:20	02/17/23 19:44	EPA 3050B	1,6010D	GCL
Mercury, Total	ND		mg/kg	0.095	0.062	1	02/21/23 02:30	02/21/23 13:12	EPA 7471B	1,7471B	ZNK
Nickel, Total	12.8		mg/kg	2.36	0.229	2	02/17/23 08:20	02/17/23 19:44	EPA 3050B	1,6010D	GCL
Potassium, Total	798		mg/kg	236	13.6	2	02/17/23 08:20	02/17/23 19:44	EPA 3050B	1,6010D	GCL
Selenium, Total	ND		mg/kg	1.89	0.244	2	02/17/23 08:20	02/17/23 19:44	EPA 3050B	1,6010D	GCL
Silver, Total	ND		mg/kg	0.473	0.268	2	02/17/23 08:20	02/17/23 19:44	EPA 3050B	1,6010D	GCL
Sodium, Total	118	J	mg/kg	189	2.98	2	02/17/23 08:20	02/17/23 19:44	EPA 3050B	1,6010D	GCL
Thallium, Total	ND		mg/kg	1.89	0.298	2	02/17/23 08:20	02/17/23 19:44	EPA 3050B	1,6010D	GCL
Vanadium, Total	38.4		mg/kg	0.945	0.192	2	02/17/23 08:20	02/17/23 19:44	EPA 3050B	1,6010D	GCL
Zinc, Total	203		mg/kg	4.73	0.277	2	02/17/23 08:20	02/17/23 19:44	EPA 3050B	1,6010D	GCL

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-15 Date Collected: 02/14/23 11:10

Client ID: PDI001_7 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10600		mg/kg	9.14	2.47	2	02/17/23 08:20	02/17/23 19:48	EPA 3050B	1,6010D	GCL
Antimony, Total	1.46	J	mg/kg	4.57	0.347	2	02/17/23 08:20	02/18/23 14:58	EPA 3050B	1,6010D	MRC
Arsenic, Total	3.81		mg/kg	0.914	0.190	2	02/17/23 08:20	02/17/23 19:48	EPA 3050B	1,6010D	GCL
Barium, Total	94.1		mg/kg	0.914	0.159	2	02/17/23 08:20	02/17/23 19:48	EPA 3050B	1,6010D	GCL
Beryllium, Total	0.962		mg/kg	0.457	0.030	2	02/17/23 08:20	02/17/23 19:48	EPA 3050B	1,6010D	GCL
Cadmium, Total	0.539	J	mg/kg	0.914	0.090	2	02/17/23 08:20	02/17/23 19:48	EPA 3050B	1,6010D	GCL
Calcium, Total	1890		mg/kg	9.14	3.20	2	02/17/23 08:20	02/17/23 19:48	EPA 3050B	1,6010D	GCL
Chromium, Total	10.4		mg/kg	0.914	0.088	2	02/17/23 08:20	02/17/23 19:48	EPA 3050B	1,6010D	GCL
Cobalt, Total	3.70		mg/kg	1.83	0.152	2	02/17/23 08:20	02/17/23 19:48	EPA 3050B	1,6010D	GCL
Copper, Total	24.9		mg/kg	0.914	0.236	2	02/17/23 08:20	02/17/23 19:48	EPA 3050B	1,6010D	GCL
Iron, Total	13200		mg/kg	4.57	0.826	2	02/17/23 08:20	02/17/23 19:48	EPA 3050B	1,6010D	GCL
Lead, Total	107		mg/kg	4.57	0.245	2	02/17/23 08:20	02/17/23 19:48	EPA 3050B	1,6010D	GCL
Magnesium, Total	1350		mg/kg	9.14	1.41	2	02/17/23 08:20	02/17/23 19:48	EPA 3050B	1,6010D	GCL
Manganese, Total	456		mg/kg	0.914	0.145	2	02/17/23 08:20	02/17/23 19:48	EPA 3050B	1,6010D	GCL
Mercury, Total	0.140		mg/kg	0.089	0.058	1	02/21/23 02:30	02/21/23 13:15	EPA 7471B	1,7471B	ZNK
Nickel, Total	13.8		mg/kg	2.29	0.221	2	02/17/23 08:20	02/17/23 19:48	EPA 3050B	1,6010D	GCL
Potassium, Total	420		mg/kg	229	13.2	2	02/17/23 08:20	02/17/23 19:48	EPA 3050B	1,6010D	GCL
Selenium, Total	ND		mg/kg	1.83	0.236	2	02/17/23 08:20	02/17/23 19:48	EPA 3050B	1,6010D	GCL
Silver, Total	ND		mg/kg	0.457	0.259	2	02/17/23 08:20	02/17/23 19:48	EPA 3050B	1,6010D	GCL
Sodium, Total	83.2	J	mg/kg	183	2.88	2	02/17/23 08:20	02/17/23 19:48	EPA 3050B	1,6010D	GCL
Thallium, Total	ND		mg/kg	1.83	0.288	2	02/17/23 08:20	02/17/23 19:48	EPA 3050B	1,6010D	GCL
Vanadium, Total	15.2		mg/kg	0.914	0.186	2	02/17/23 08:20	02/17/23 19:48	EPA 3050B	1,6010D	GCL
Zinc, Total	287		mg/kg	4.57	0.268	2	02/17/23 08:20	02/17/23 19:48	EPA 3050B	1,6010D	GCL

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-16 Date Collected: 02/14/23 11:10

Client ID: PDI001_9 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10400		mg/kg	9.41	2.54	2	02/17/23 08:20	02/17/23 19:51	EPA 3050B	1,6010D	GCL
Antimony, Total	1.23	J	mg/kg	4.71	0.358	2	02/17/23 08:20	02/18/23 15:14	EPA 3050B	1,6010D	MRC
Arsenic, Total	2.50		mg/kg	0.941	0.196	2	02/17/23 08:20	02/17/23 19:51	EPA 3050B	1,6010D	GCL
Barium, Total	32.0		mg/kg	0.941	0.164	2	02/17/23 08:20	02/17/23 19:51	EPA 3050B	1,6010D	GCL
Beryllium, Total	0.400	J	mg/kg	0.471	0.031	2	02/17/23 08:20	02/17/23 19:51	EPA 3050B	1,6010D	GCL
Cadmium, Total	ND		mg/kg	0.941	0.092	2	02/17/23 08:20	02/17/23 19:51	EPA 3050B	1,6010D	GCL
Calcium, Total	753		mg/kg	9.41	3.29	2	02/17/23 08:20	02/17/23 19:51	EPA 3050B	1,6010D	GCL
Chromium, Total	18.5		mg/kg	0.941	0.090	2	02/17/23 08:20	02/17/23 19:51	EPA 3050B	1,6010D	GCL
Cobalt, Total	7.82		mg/kg	1.88	0.156	2	02/17/23 08:20	02/17/23 19:51	EPA 3050B	1,6010D	GCL
Copper, Total	16.1		mg/kg	0.941	0.243	2	02/17/23 08:20	02/17/23 19:51	EPA 3050B	1,6010D	GCL
Iron, Total	15000		mg/kg	4.71	0.850	2	02/17/23 08:20	02/17/23 19:51	EPA 3050B	1,6010D	GCL
Lead, Total	7.11		mg/kg	4.71	0.252	2	02/17/23 08:20	02/17/23 19:51	EPA 3050B	1,6010D	GCL
Magnesium, Total	4810		mg/kg	9.41	1.45	2	02/17/23 08:20	02/17/23 19:51	EPA 3050B	1,6010D	GCL
Manganese, Total	221		mg/kg	0.941	0.150	2	02/17/23 08:20	02/17/23 19:51	EPA 3050B	1,6010D	GCL
Mercury, Total	ND		mg/kg	0.088	0.058	1	02/21/23 02:30	02/21/23 13:18	EPA 7471B	1,7471B	ZNK
Nickel, Total	46.5		mg/kg	2.35	0.228	2	02/17/23 08:20	02/17/23 19:51	EPA 3050B	1,6010D	GCL
Potassium, Total	1300		mg/kg	235	13.6	2	02/17/23 08:20	02/17/23 19:51	EPA 3050B	1,6010D	GCL
Selenium, Total	ND		mg/kg	1.88	0.243	2	02/17/23 08:20	02/17/23 19:51	EPA 3050B	1,6010D	GCL
Silver, Total	ND		mg/kg	0.471	0.266	2	02/17/23 08:20	02/17/23 19:51	EPA 3050B	1,6010D	GCL
Sodium, Total	103	J	mg/kg	188	2.96	2	02/17/23 08:20	02/17/23 19:51	EPA 3050B	1,6010D	GCL
Thallium, Total	0.538	J	mg/kg	1.88	0.296	2	02/17/23 08:20	02/17/23 19:51	EPA 3050B	1,6010D	GCL
Vanadium, Total	24.2		mg/kg	0.941	0.191	2	02/17/23 08:20	02/17/23 19:51	EPA 3050B	1,6010D	GCL
Zinc, Total	41.6		mg/kg	4.71	0.276	2	02/17/23 08:20	02/17/23 19:51	EPA 3050B	1,6010D	GCL

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-17 Date Collected: 02/14/23 11:37

Client ID: PDI005_3 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6520		mg/kg	9.35	2.52	2	02/17/23 08:20	02/17/23 19:54	EPA 3050B	1,6010D	GCL
Antimony, Total	17.1		mg/kg	11.7	0.889	5	02/17/23 08:20	02/19/23 13:10	EPA 3050B	1,6010D	EGW
Arsenic, Total	27.6		mg/kg	0.935	0.194	2	02/17/23 08:20	02/17/23 19:54	EPA 3050B	1,6010D	GCL
Barium, Total	684		mg/kg	0.935	0.163	2	02/17/23 08:20	02/17/23 19:54	EPA 3050B	1,6010D	GCL
Beryllium, Total	0.406	J	mg/kg	0.468	0.031	2	02/17/23 08:20	02/17/23 19:54	EPA 3050B	1,6010D	GCL
Cadmium, Total	4.44		mg/kg	0.935	0.092	2	02/17/23 08:20	02/17/23 19:54	EPA 3050B	1,6010D	GCL
Calcium, Total	5770		mg/kg	9.35	3.27	2	02/17/23 08:20	02/17/23 19:54	EPA 3050B	1,6010D	GCL
Chromium, Total	28.4		mg/kg	0.935	0.090	2	02/17/23 08:20	02/17/23 19:54	EPA 3050B	1,6010D	GCL
Cobalt, Total	13.6		mg/kg	1.87	0.155	2	02/17/23 08:20	02/17/23 19:54	EPA 3050B	1,6010D	GCL
Copper, Total	945		mg/kg	0.935	0.241	2	02/17/23 08:20	02/17/23 19:54	EPA 3050B	1,6010D	GCL
Iron, Total	82900		mg/kg	46.8	8.45	20	02/17/23 08:20	02/17/23 20:10	EPA 3050B	1,6010D	GCL
Lead, Total	3520		mg/kg	4.68	0.251	2	02/17/23 08:20	02/17/23 19:54	EPA 3050B	1,6010D	GCL
Magnesium, Total	1590		mg/kg	9.35	1.44	2	02/17/23 08:20	02/17/23 19:54	EPA 3050B	1,6010D	GCL
Manganese, Total	480		mg/kg	0.935	0.149	2	02/17/23 08:20	02/17/23 19:54	EPA 3050B	1,6010D	GCL
Mercury, Total	21.1		mg/kg	0.836	0.545	10	02/21/23 02:30	02/21/23 13:31	EPA 7471B	1,7471B	ZNK
Nickel, Total	50.4		mg/kg	2.34	0.226	2	02/17/23 08:20	02/17/23 19:54	EPA 3050B	1,6010D	GCL
Potassium, Total	1330		mg/kg	234	13.5	2	02/17/23 08:20	02/17/23 19:54	EPA 3050B	1,6010D	GCL
Selenium, Total	2.22		mg/kg	1.87	0.241	2	02/17/23 08:20	02/17/23 19:54	EPA 3050B	1,6010D	GCL
Silver, Total	1.03		mg/kg	0.468	0.265	2	02/17/23 08:20	02/17/23 19:54	EPA 3050B	1,6010D	GCL
Sodium, Total	513		mg/kg	187	2.95	2	02/17/23 08:20	02/17/23 19:54	EPA 3050B	1,6010D	GCL
Thallium, Total	ND		mg/kg	1.87	0.295	2	02/17/23 08:20	02/17/23 19:54	EPA 3050B	1,6010D	GCL
Vanadium, Total	28.1		mg/kg	0.935	0.190	2	02/17/23 08:20	02/17/23 19:54	EPA 3050B	1,6010D	GCL
Zinc, Total	2510		mg/kg	46.8	2.74	20	02/17/23 08:20	02/17/23 20:10	EPA 3050B	1,6010D	GCL

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-18 Date Collected: 02/14/23 11:40

Client ID: PDI005_5 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	11300		mg/kg	9.39	2.54	2	02/17/23 08:20	02/17/23 19:57	EPA 3050B	1,6010D	GCL
Antimony, Total	1.73	J	mg/kg	4.70	0.357	2	02/17/23 08:20	02/18/23 15:20	EPA 3050B	1,6010D	MRC
Arsenic, Total	7.47		mg/kg	0.939	0.195	2	02/17/23 08:20	02/17/23 19:57	EPA 3050B	1,6010D	GCL
Barium, Total	70.2		mg/kg	0.939	0.163	2	02/17/23 08:20	02/17/23 19:57	EPA 3050B	1,6010D	GCL
Beryllium, Total	0.477		mg/kg	0.470	0.031	2	02/17/23 08:20	02/17/23 19:57	EPA 3050B	1,6010D	GCL
Cadmium, Total	0.138	J	mg/kg	0.939	0.092	2	02/17/23 08:20	02/17/23 19:57	EPA 3050B	1,6010D	GCL
Calcium, Total	3490		mg/kg	9.39	3.29	2	02/17/23 08:20	02/17/23 19:57	EPA 3050B	1,6010D	GCL
Chromium, Total	19.5		mg/kg	0.939	0.090	2	02/17/23 08:20	02/17/23 19:57	EPA 3050B	1,6010D	GCL
Cobalt, Total	7.66		mg/kg	1.88	0.156	2	02/17/23 08:20	02/17/23 19:57	EPA 3050B	1,6010D	GCL
Copper, Total	40.2		mg/kg	0.939	0.242	2	02/17/23 08:20	02/17/23 19:57	EPA 3050B	1,6010D	GCL
Iron, Total	24700		mg/kg	4.70	0.848	2	02/17/23 08:20	02/17/23 19:57	EPA 3050B	1,6010D	GCL
Lead, Total	156		mg/kg	4.70	0.252	2	02/17/23 08:20	02/17/23 19:57	EPA 3050B	1,6010D	GCL
Magnesium, Total	2890		mg/kg	9.39	1.45	2	02/17/23 08:20	02/17/23 19:57	EPA 3050B	1,6010D	GCL
Manganese, Total	390		mg/kg	0.939	0.149	2	02/17/23 08:20	02/17/23 19:57	EPA 3050B	1,6010D	GCL
Mercury, Total	0.546		mg/kg	0.091	0.059	1	02/21/23 02:30	02/21/23 13:28	EPA 7471B	1,7471B	ZNK
Nickel, Total	16.6		mg/kg	2.35	0.227	2	02/17/23 08:20	02/17/23 19:57	EPA 3050B	1,6010D	GCL
Potassium, Total	1020		mg/kg	235	13.5	2	02/17/23 08:20	02/17/23 19:57	EPA 3050B	1,6010D	GCL
Selenium, Total	ND		mg/kg	1.88	0.242	2	02/17/23 08:20	02/17/23 19:57	EPA 3050B	1,6010D	GCL
Silver, Total	ND		mg/kg	0.470	0.266	2	02/17/23 08:20	02/17/23 19:57	EPA 3050B	1,6010D	GCL
Sodium, Total	107	J	mg/kg	188	2.96	2	02/17/23 08:20	02/17/23 19:57	EPA 3050B	1,6010D	GCL
Thallium, Total	0.406	J	mg/kg	1.88	0.296	2	02/17/23 08:20	02/17/23 19:57	EPA 3050B	1,6010D	GCL
Vanadium, Total	30.4		mg/kg	0.939	0.191	2	02/17/23 08:20	02/17/23 19:57	EPA 3050B	1,6010D	GCL
Zinc, Total	136		mg/kg	4.70	0.275	2	02/17/23 08:20	02/17/23 19:57	EPA 3050B	1,6010D	GCL

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-19 Date Collected: 02/14/23 11:42

Client ID: PDI005_7 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11600		mg/kg	9.00	2.43	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC
Antimony, Total	1.01	J	mg/kg	4.50	0.342	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC
Arsenic, Total	2.31		mg/kg	0.900	0.187	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC
Barium, Total	34.9		mg/kg	0.900	0.157	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.535		mg/kg	0.450	0.030	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.900	0.088	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC
Calcium, Total	700		mg/kg	9.00	3.15	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC
Chromium, Total	18.2		mg/kg	0.900	0.086	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC
Cobalt, Total	8.25		mg/kg	1.80	0.149	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC
Copper, Total	15.7		mg/kg	0.900	0.232	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC
Iron, Total	14900		mg/kg	4.50	0.813	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC
Lead, Total	10.2		mg/kg	4.50	0.241	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC
Magnesium, Total	3280		mg/kg	9.00	1.39	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC
Manganese, Total	182		mg/kg	0.900	0.143	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.096	0.063	1	02/21/23 02:30	02/21/23 11:59	EPA 7471B	1,7471B	ZNK
Nickel, Total	30.3		mg/kg	2.25	0.218	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC
Potassium, Total	1210		mg/kg	225	13.0	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.80	0.232	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.450	0.255	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC
Sodium, Total	94.6	J	mg/kg	180	2.84	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC
Thallium, Total	0.762	J	mg/kg	1.80	0.284	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC
Vanadium, Total	26.4		mg/kg	0.900	0.183	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC
Zinc, Total	36.5		mg/kg	4.50	0.264	2	02/17/23 08:20	02/17/23 17:25	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-20 Date Collected: 02/14/23 11:58

Client ID: PDI005_9 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY 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
Total Metals - Mansfield Lab											
Aluminum, Total	12900		mg/kg	8.98	2.42	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC
Antimony, Total	0.559	J	mg/kg	4.49	0.341	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC
Arsenic, Total	2.90		mg/kg	0.898	0.187	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC
Barium, Total	53.7		mg/kg	0.898	0.156	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.761		mg/kg	0.449	0.030	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.898	0.088	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC
Calcium, Total	879		mg/kg	8.98	3.14	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC
Chromium, Total	24.0		mg/kg	0.898	0.086	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC
Cobalt, Total	9.36		mg/kg	1.80	0.149	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC
Copper, Total	18.6		mg/kg	0.898	0.232	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC
Iron, Total	19400		mg/kg	4.49	0.810	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC
Lead, Total	7.98		mg/kg	4.49	0.240	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC
Magnesium, Total	3950		mg/kg	8.98	1.38	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC
Manganese, Total	504		mg/kg	0.898	0.143	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.079	0.052	1	02/16/23 23:21	02/19/23 19:38	EPA 7471B	1,7471B	TAA
Nickel, Total	35.3		mg/kg	2.24	0.217	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC
Potassium, Total	2070		mg/kg	224	12.9	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.80	0.232	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.449	0.254	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC
Sodium, Total	104	J	mg/kg	180	2.83	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC
Thallium, Total	0.885	J	mg/kg	1.80	0.283	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC
Vanadium, Total	30.5		mg/kg	0.898	0.182	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC
Zinc, Total	44.6		mg/kg	4.49	0.263	2	02/16/23 22:24	02/17/23 15:51	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-21 Date Collected: 02/14/23 12:28

Client ID: PDI006_1 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5930		mg/kg	8.97	2.42	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC
Antimony, Total	0.562	J	mg/kg	4.48	0.341	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC
Arsenic, Total	5.61		mg/kg	0.897	0.186	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC
Barium, Total	44.4		mg/kg	0.897	0.156	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.354	J	mg/kg	0.448	0.030	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.897	0.088	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC
Calcium, Total	45000		mg/kg	8.97	3.14	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC
Chromium, Total	14.8		mg/kg	0.897	0.086	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC
Cobalt, Total	3.54		mg/kg	1.79	0.149	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC
Copper, Total	21.7		mg/kg	0.897	0.231	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC
Iron, Total	10600		mg/kg	4.48	0.810	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC
Lead, Total	29.0		mg/kg	4.48	0.240	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC
Magnesium, Total	4450		mg/kg	8.97	1.38	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC
Manganese, Total	197		mg/kg	0.897	0.142	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC
Mercury, Total	0.075	J	mg/kg	0.084	0.055	1	02/16/23 23:21	02/19/23 19:42	EPA 7471B	1,7471B	TAA
Nickel, Total	7.96		mg/kg	2.24	0.217	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC
Potassium, Total	810		mg/kg	224	12.9	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.79	0.231	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.448	0.254	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC
Sodium, Total	377		mg/kg	179	2.82	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC
Thallium, Total	0.477	J	mg/kg	1.79	0.282	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC
Vanadium, Total	22.6		mg/kg	0.897	0.182	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC
Zinc, Total	55.2		mg/kg	4.48	0.263	2	02/16/23 22:24	02/17/23 16:01	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-22 Date Collected: 02/14/23 12:29

Client ID: PDI006_3 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY 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
Total Metals - Mansfield Lab											
Aluminum, Total	6290		mg/kg	8.46	2.28	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC
Antimony, Total	0.589	J	mg/kg	4.23	0.321	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC
Arsenic, Total	1.88		mg/kg	0.846	0.176	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC
Barium, Total	35.4		mg/kg	0.846	0.147	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.362	J	mg/kg	0.423	0.028	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.846	0.083	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC
Calcium, Total	1410		mg/kg	8.46	2.96	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC
Chromium, Total	14.4		mg/kg	0.846	0.081	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC
Cobalt, Total	6.34		mg/kg	1.69	0.140	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC
Copper, Total	13.0		mg/kg	0.846	0.218	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC
Iron, Total	17000		mg/kg	4.23	0.764	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC
Lead, Total	17.1		mg/kg	4.23	0.227	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC
Magnesium, Total	1930		mg/kg	8.46	1.30	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC
Manganese, Total	364		mg/kg	0.846	0.134	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.071	0.047	1	02/16/23 23:21	02/19/23 19:45	EPA 7471B	1,7471B	TAA
Nickel, Total	9.70		mg/kg	2.11	0.205	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC
Potassium, Total	858		mg/kg	211	12.2	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.69	0.218	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.423	0.239	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC
Sodium, Total	170		mg/kg	169	2.66	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.69	0.266	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC
Vanadium, Total	23.1		mg/kg	0.846	0.172	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC
Zinc, Total	40.8		mg/kg	4.23	0.248	2	02/16/23 22:24	02/17/23 16:05	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-23 Date Collected: 02/14/23 12:32

Client ID: PDI006_5 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10000		mg/kg	10.3	2.78	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC
Antimony, Total	0.622	J	mg/kg	5.14	0.390	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC
Arsenic, Total	3.24		mg/kg	1.03	0.214	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC
Barium, Total	70.8		mg/kg	1.03	0.179	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.544		mg/kg	0.514	0.034	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	1.03	0.101	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC
Calcium, Total	1280		mg/kg	10.3	3.60	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC
Chromium, Total	23.1		mg/kg	1.03	0.099	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC
Cobalt, Total	7.58		mg/kg	2.06	0.171	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC
Copper, Total	21.5		mg/kg	1.03	0.265	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC
Iron, Total	22600		mg/kg	5.14	0.928	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC
Lead, Total	118		mg/kg	5.14	0.275	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC
Magnesium, Total	2940		mg/kg	10.3	1.58	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC
Manganese, Total	426		mg/kg	1.03	0.163	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC
Mercury, Total	0.157		mg/kg	0.096	0.062	1	02/16/23 23:21	02/19/23 19:48	EPA 7471B	1,7471B	TAA
Nickel, Total	13.2		mg/kg	2.57	0.249	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC
Potassium, Total	1390		mg/kg	257	14.8	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	2.06	0.265	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.514	0.291	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC
Sodium, Total	201	J	mg/kg	206	3.24	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC
Thallium, Total	0.455	J	mg/kg	2.06	0.324	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC
Vanadium, Total	31.6		mg/kg	1.03	0.209	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC
Zinc, Total	104		mg/kg	5.14	0.301	2	02/16/23 22:24	02/17/23 16:08	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-24 Date Collected: 02/14/23 12:35

Client ID: PDI006_7 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY 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
Total Metals - Mansfield Lab											
Aluminum, Total	7440		mg/kg	8.87	2.39	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC
Antimony, Total	0.427	J	mg/kg	4.43	0.337	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC
Arsenic, Total	2.49		mg/kg	0.887	0.184	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC
Barium, Total	47.1		mg/kg	0.887	0.154	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.436	J	mg/kg	0.443	0.029	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.887	0.087	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC
Calcium, Total	3800		mg/kg	8.87	3.10	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC
Chromium, Total	17.9		mg/kg	0.887	0.085	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC
Cobalt, Total	6.17		mg/kg	1.77	0.147	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC
Copper, Total	16.3		mg/kg	0.887	0.229	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC
Iron, Total	18900		mg/kg	4.43	0.801	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC
Lead, Total	41.8		mg/kg	4.43	0.238	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC
Magnesium, Total	2470		mg/kg	8.87	1.36	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC
Manganese, Total	366		mg/kg	0.887	0.141	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC
Mercury, Total	0.057	J	mg/kg	0.075	0.049	1	02/16/23 23:21	02/19/23 19:52	EPA 7471B	1,7471B	TAA
Nickel, Total	10.7		mg/kg	2.22	0.215	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC
Potassium, Total	1030		mg/kg	222	12.8	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.77	0.229	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.443	0.251	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC
Sodium, Total	161	J	mg/kg	177	2.79	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.77	0.279	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC
Vanadium, Total	26.3		mg/kg	0.887	0.180	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC
Zinc, Total	66.7		mg/kg	4.43	0.260	2	02/16/23 22:24	02/17/23 16:11	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-25 Date Collected: 02/14/23 12:39

Client ID: PDI006_9 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY 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
Total Metals - Mansfield Lab											
Aluminum, Total	8990		mg/kg	8.92	2.41	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC
Antimony, Total	0.755	J	mg/kg	4.46	0.339	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC
Arsenic, Total	3.95		mg/kg	0.892	0.185	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC
Barium, Total	36.1		mg/kg	0.892	0.155	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.517		mg/kg	0.446	0.029	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.461	J	mg/kg	0.892	0.087	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC
Calcium, Total	1680		mg/kg	8.92	3.12	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC
Chromium, Total	18.3		mg/kg	0.892	0.086	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC
Cobalt, Total	5.91		mg/kg	1.78	0.148	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC
Copper, Total	20.0		mg/kg	0.892	0.230	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC
Iron, Total	16000		mg/kg	4.46	0.805	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC
Lead, Total	30.5		mg/kg	4.46	0.239	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC
Magnesium, Total	4550		mg/kg	8.92	1.37	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC
Manganese, Total	333		mg/kg	0.892	0.142	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.073	0.048	1	02/16/23 23:21	02/19/23 20:02	EPA 7471B	1,7471B	TAA
Nickel, Total	30.0		mg/kg	2.23	0.216	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC
Potassium, Total	1420		mg/kg	223	12.8	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.78	0.230	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.446	0.252	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC
Sodium, Total	168	J	mg/kg	178	2.81	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC
Thallium, Total	0.339	J	mg/kg	1.78	0.281	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC
Vanadium, Total	24.0		mg/kg	0.892	0.181	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC
Zinc, Total	88.0		mg/kg	4.46	0.261	2	02/16/23 22:24	02/17/23 16:14	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-26 Date Collected: 02/14/23 13:38

Client ID: PDI011_1 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	4900		mg/kg	8.51	2.30	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC
Antimony, Total	ND		mg/kg	4.26	0.324	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC
Arsenic, Total	3.05		mg/kg	0.851	0.177	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC
Barium, Total	29.1		mg/kg	0.851	0.148	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.326	J	mg/kg	0.426	0.028	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.851	0.083	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC
Calcium, Total	15100		mg/kg	8.51	2.98	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC
Chromium, Total	10.7		mg/kg	0.851	0.082	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC
Cobalt, Total	4.44		mg/kg	1.70	0.141	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC
Copper, Total	12.8		mg/kg	0.851	0.220	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC
Iron, Total	9790		mg/kg	4.26	0.769	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC
Lead, Total	20.6		mg/kg	4.26	0.228	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC
Magnesium, Total	6500		mg/kg	8.51	1.31	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC
Manganese, Total	219		mg/kg	0.851	0.135	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.077	0.050	1	02/16/23 23:21	02/19/23 20:05	EPA 7471B	1,7471B	TAA
Nickel, Total	13.0		mg/kg	2.13	0.206	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC
Potassium, Total	1070		mg/kg	213	12.3	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.70	0.220	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.426	0.241	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC
Sodium, Total	188		mg/kg	170	2.68	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC
Thallium, Total	0.327	J	mg/kg	1.70	0.268	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC
Vanadium, Total	19.0		mg/kg	0.851	0.173	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC
Zinc, Total	44.6		mg/kg	4.26	0.249	2	02/16/23 22:24	02/17/23 16:18	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-27 Date Collected: 02/14/23 11:43

Client ID: PDI011_3 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY 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
Total Metals - Mansfield Lab											
Aluminum, Total	6480		mg/kg	8.40	2.27	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC
Antimony, Total	ND		mg/kg	4.20	0.319	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC
Arsenic, Total	5.02		mg/kg	0.840	0.175	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC
Barium, Total	18.7		mg/kg	0.840	0.146	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.320	J	mg/kg	0.420	0.028	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.840	0.082	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC
Calcium, Total	824		mg/kg	8.40	2.94	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC
Chromium, Total	9.07		mg/kg	0.840	0.081	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC
Cobalt, Total	5.19		mg/kg	1.68	0.140	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC
Copper, Total	7.72		mg/kg	0.840	0.217	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC
Iron, Total	13500		mg/kg	4.20	0.759	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC
Lead, Total	12.2		mg/kg	4.20	0.225	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC
Magnesium, Total	1660		mg/kg	8.40	1.29	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC
Manganese, Total	209		mg/kg	0.840	0.134	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.074	0.048	1	02/16/23 23:21	02/19/23 20:08	EPA 7471B	1,7471B	TAA
Nickel, Total	8.41		mg/kg	2.10	0.203	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC
Potassium, Total	431		mg/kg	210	12.1	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.68	0.217	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.420	0.238	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC
Sodium, Total	99.3	J	mg/kg	168	2.65	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.68	0.265	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC
Vanadium, Total	16.0		mg/kg	0.840	0.171	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC
Zinc, Total	24.8		mg/kg	4.20	0.246	2	02/16/23 22:24	02/17/23 16:21	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-28 Date Collected: 02/14/23 13:40

Client ID: PDI011_5 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY 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
Total Metals - Mansfield Lab											
Aluminum, Total	5460		mg/kg	8.72	2.36	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC
Antimony, Total	0.386	J	mg/kg	4.36	0.332	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC
Arsenic, Total	4.15		mg/kg	0.872	0.181	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC
Barium, Total	15.5		mg/kg	0.872	0.152	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.317	J	mg/kg	0.436	0.029	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.872	0.086	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC
Calcium, Total	759		mg/kg	8.72	3.05	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC
Chromium, Total	8.35		mg/kg	0.872	0.084	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC
Cobalt, Total	4.56		mg/kg	1.74	0.145	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC
Copper, Total	8.46		mg/kg	0.872	0.225	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC
Iron, Total	12600		mg/kg	4.36	0.788	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC
Lead, Total	6.84		mg/kg	4.36	0.234	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC
Magnesium, Total	1820		mg/kg	8.72	1.34	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC
Manganese, Total	195		mg/kg	0.872	0.139	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.075	0.049	1	02/16/23 23:21	02/19/23 20:11	EPA 7471B	1,7471B	TAA
Nickel, Total	9.86		mg/kg	2.18	0.211	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC
Potassium, Total	444		mg/kg	218	12.6	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.74	0.225	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.436	0.247	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC
Sodium, Total	145	J	mg/kg	174	2.75	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.74	0.275	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC
Vanadium, Total	14.4		mg/kg	0.872	0.177	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC
Zinc, Total	25.2		mg/kg	4.36	0.256	2	02/16/23 22:24	02/17/23 16:24	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-29 Date Collected: 02/14/23 00:00

Client ID: DUP001 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6120		mg/kg	9.29	2.51	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC
Antimony, Total	ND		mg/kg	4.64	0.353	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC
Arsenic, Total	4.94		mg/kg	0.929	0.193	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC
Barium, Total	19.0		mg/kg	0.929	0.162	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.333	J	mg/kg	0.464	0.031	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.929	0.091	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC
Calcium, Total	590		mg/kg	9.29	3.25	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC
Chromium, Total	8.39		mg/kg	0.929	0.089	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC
Cobalt, Total	5.57		mg/kg	1.86	0.154	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC
Copper, Total	9.34		mg/kg	0.929	0.240	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC
Iron, Total	13600		mg/kg	4.64	0.839	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC
Lead, Total	7.67		mg/kg	4.64	0.249	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC
Magnesium, Total	1860		mg/kg	9.29	1.43	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC
Manganese, Total	263		mg/kg	0.929	0.148	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/16/23 23:21	02/19/23 20:15	EPA 7471B	1,7471B	TAA
Nickel, Total	10.4		mg/kg	2.32	0.225	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC
Potassium, Total	366		mg/kg	232	13.4	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.86	0.240	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.464	0.263	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC
Sodium, Total	166	J	mg/kg	186	2.93	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.86	0.293	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC
Vanadium, Total	14.4		mg/kg	0.929	0.188	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC
Zinc, Total	27.4		mg/kg	4.64	0.272	2	02/16/23 22:24	02/17/23 16:27	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-30 Date Collected: 02/14/23 12:40

Client ID: PDI006_11 Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	6940		mg/kg	8.87	2.39	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC
Antimony, Total	ND		mg/kg	4.43	0.337	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC
Arsenic, Total	3.23		mg/kg	0.887	0.184	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC
Barium, Total	31.5		mg/kg	0.887	0.154	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.381	J	mg/kg	0.443	0.029	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.887	0.087	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC
Calcium, Total	4620		mg/kg	8.87	3.10	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC
Chromium, Total	12.6		mg/kg	0.887	0.085	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC
Cobalt, Total	4.95		mg/kg	1.77	0.147	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC
Copper, Total	14.6		mg/kg	0.887	0.229	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC
Iron, Total	11700		mg/kg	4.43	0.801	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC
Lead, Total	19.7		mg/kg	4.43	0.238	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC
Magnesium, Total	3070		mg/kg	8.87	1.36	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC
Manganese, Total	269		mg/kg	0.887	0.141	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC
Mercury, Total	0.055	J	mg/kg	0.080	0.052	1	02/16/23 23:21	02/19/23 20:18	EPA 7471B	1,7471B	TAA
Nickel, Total	15.6		mg/kg	2.22	0.215	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC
Potassium, Total	880		mg/kg	222	12.8	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.77	0.229	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.443	0.251	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC
Sodium, Total	160	J	mg/kg	177	2.79	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC
Thallium, Total	ND		mg/kg	1.77	0.279	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC
Vanadium, Total	18.7		mg/kg	0.887	0.180	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC
Zinc, Total	43.6		mg/kg	4.43	0.260	2	02/16/23 22:24	02/17/23 16:31	EPA 3050B	1,6010D	MRC

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-31 Date Collected: 02/14/23 13:25

Client ID: EQUIP BLANK Date Received: 02/14/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	0.0890		mg/l	0.0100	0.00327	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB
Barium, Total	0.00289		mg/l	0.00050	0.00017	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB
Calcium, Total	0.398		mg/l	0.100	0.0394	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00687		mg/l	0.00100	0.00017	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB
Copper, Total	0.00241		mg/l	0.00100	0.00038	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB
Iron, Total	0.839		mg/l	0.0500	0.0191	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB
Lead, Total	0.00186		mg/l	0.00100	0.00034	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB
Magnesium, Total	0.0743		mg/l	0.0700	0.0242	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB
Manganese, Total	0.00893		mg/l	0.00100	0.00044	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB
Mercury, Total	0.00017	J	mg/l	0.00020	0.00009	1	02/16/23 23:50	02/17/23 12:48	EPA 7470A	1,7470A	DMB
Nickel, Total	0.00144	J	mg/l	0.00200	0.00055	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB
Potassium, Total	0.0642	J	mg/l	0.100	0.0309	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB
Sodium, Total	0.386		mg/l	0.100	0.0293	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB
Thallium, Total	0.00015	J	mg/l	0.00200	0.00014	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	02/16/23 22:57	02/17/23 10:09	EPA 3005A	1,6020B	NTB

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

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): 31 Batch: WG1745247-1										
Aluminum, Total	0.00554	J	mg/l	0.0100	0.00327	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB
Sodium, Total	ND		mg/l	0.100	0.0293	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB
Thallium, Total	0.00017	J	mg/l	0.00200	0.00014	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	02/16/23 22:57	02/17/23 10:04	1,6020B	NTB

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): 31 Batch: WG1745251-1										
Mercury, Total	0.00009	J	mg/l	0.00020	0.00009	1	02/16/23 23:50	02/17/23 12:20	1,7470A	DMB

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

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): 01-19 Batch: WG1745306-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC
Antimony, Total	ND		mg/kg	2.00	0.152	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC
Barium, Total	ND		mg/kg	0.400	0.070	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC
Calcium, Total	ND		mg/kg	4.00	1.40	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC
Chromium, Total	0.050	J	mg/kg	0.400	0.038	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC
Copper, Total	ND		mg/kg	0.400	0.103	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC
Iron, Total	0.762	J	mg/kg	2.00	0.361	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC
Lead, Total	ND		mg/kg	2.00	0.107	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC
Manganese, Total	0.679		mg/kg	0.400	0.064	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC
Nickel, Total	ND		mg/kg	1.00	0.097	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC
Potassium, Total	ND		mg/kg	100	5.76	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC
Selenium, Total	ND		mg/kg	0.800	0.103	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC
Silver, Total	ND		mg/kg	0.200	0.113	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC
Sodium, Total	6.54	J	mg/kg	80.0	1.26	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC
Thallium, Total	ND		mg/kg	0.800	0.126	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC
Zinc, Total	0.118	J	mg/kg	2.00	0.117	1	02/17/23 08:20	02/17/23 17:18	1,6010D	MRC

Prep Information

Digestion Method: EPA 3050B

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

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): 20-30 Batch: WG1745314-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC
Antimony, Total	ND		mg/kg	2.00	0.152	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC
Barium, Total	ND		mg/kg	0.400	0.070	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC
Calcium, Total	ND		mg/kg	4.00	1.40	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC
Chromium, Total	ND		mg/kg	0.400	0.038	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC
Copper, Total	ND		mg/kg	0.400	0.103	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC
Iron, Total	1.43	J	mg/kg	2.00	0.361	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC
Lead, Total	ND		mg/kg	2.00	0.107	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC
Manganese, Total	ND		mg/kg	0.400	0.064	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC
Nickel, Total	ND		mg/kg	1.00	0.097	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC
Potassium, Total	ND		mg/kg	100	5.76	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC
Selenium, Total	ND		mg/kg	0.800	0.103	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC
Silver, Total	ND		mg/kg	0.200	0.113	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC
Sodium, Total	6.39	J	mg/kg	80.0	1.26	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC
Thallium, Total	ND		mg/kg	0.800	0.126	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC
Zinc, Total	ND		mg/kg	2.00	0.117	1	02/16/23 22:24	02/17/23 15:22	1,6010D	MRC

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): 20-30 Batch: WG1745315-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/16/23 23:21	02/19/23 18:47	1,7471B	TAA

Project Name: TOT2202 **Lab Number:** L2307987

Project Number: TOT2202 **Report Date:** 02/22/23

Method Blank Analysis
Batch Quality Control

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): 01-19 Batch: WG1746673-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/21/23 02:30	02/21/23 11:52	1,7471B	ZNK

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2307987

Report Date: 02/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 31 Batch: WG1745247-2								
Aluminum, Total	95		-		80-120	-		
Antimony, Total	84		-		80-120	-		
Arsenic, Total	97		-		80-120	-		
Barium, Total	94		-		80-120	-		
Beryllium, Total	95		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Calcium, Total	94		-		80-120	-		
Chromium, Total	94		-		80-120	-		
Cobalt, Total	93		-		80-120	-		
Copper, Total	96		-		80-120	-		
Iron, Total	96		-		80-120	-		
Lead, Total	94		-		80-120	-		
Magnesium, Total	100		-		80-120	-		
Manganese, Total	95		-		80-120	-		
Nickel, Total	93		-		80-120	-		
Potassium, Total	96		-		80-120	-		
Selenium, Total	96		-		80-120	-		
Silver, Total	95		-		80-120	-		
Sodium, Total	97		-		80-120	-		
Thallium, Total	105		-		80-120	-		
Vanadium, Total	93		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2307987

Report Date: 02/22/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 31 Batch: WG1745247-2					
Zinc, Total	95	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 31 Batch: WG1745251-2					
Mercury, Total	98	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2307987

Report Date: 02/22/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-19 Batch: WG1745306-2 SRM Lot Number: D116-540					
Aluminum, Total	88	-	45-155	-	
Antimony, Total	196	-	2-205	-	
Arsenic, Total	103	-	82-119	-	
Barium, Total	92	-	82-118	-	
Beryllium, Total	100	-	82-118	-	
Cadmium, Total	100	-	82-118	-	
Calcium, Total	92	-	81-119	-	
Chromium, Total	99	-	81-118	-	
Cobalt, Total	97	-	83-117	-	
Copper, Total	97	-	83-117	-	
Iron, Total	105	-	58-142	-	
Lead, Total	100	-	83-117	-	
Magnesium, Total	97	-	75-125	-	
Manganese, Total	98	-	82-118	-	
Nickel, Total	99	-	82-118	-	
Potassium, Total	94	-	68-131	-	
Selenium, Total	103	-	78-122	-	
Silver, Total	102	-	79-121	-	
Sodium, Total	98	-	71-130	-	
Thallium, Total	98	-	80-120	-	
Vanadium, Total	100	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2307987

Report Date: 02/22/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-19 Batch: WG1745306-2 SRM Lot Number: D116-540					
Zinc, Total	103	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2307987

Report Date: 02/22/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 20-30 Batch: WG1745314-2 SRM Lot Number: D116-540					
Aluminum, Total	82	-	45-155	-	
Antimony, Total	175	-	2-205	-	
Arsenic, Total	98	-	82-119	-	
Barium, Total	90	-	82-118	-	
Beryllium, Total	107	-	82-118	-	
Cadmium, Total	98	-	82-118	-	
Calcium, Total	93	-	81-119	-	
Chromium, Total	96	-	81-118	-	
Cobalt, Total	95	-	83-117	-	
Copper, Total	94	-	83-117	-	
Iron, Total	96	-	58-142	-	
Lead, Total	93	-	83-117	-	
Magnesium, Total	89	-	75-125	-	
Manganese, Total	99	-	82-118	-	
Nickel, Total	100	-	82-118	-	
Potassium, Total	89	-	68-131	-	
Selenium, Total	102	-	78-122	-	
Silver, Total	95	-	79-121	-	
Sodium, Total	98	-	71-130	-	
Thallium, Total	97	-	80-120	-	
Vanadium, Total	94	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2307987

Report Date: 02/22/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 20-30 Batch: WG1745314-2 SRM Lot Number: D116-540					
Zinc, Total	99	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 20-30 Batch: WG1745315-2 SRM Lot Number: D116-540					
Mercury, Total	86	-	58-142	-	
Total Metals - Mansfield Lab Associated sample(s): 01-19 Batch: WG1746673-2 SRM Lot Number: D116-540					
Mercury, Total	101	-	58-142	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

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): 31 QC Batch ID: WG1745247-3 QC Sample: L2308150-01 Client ID: MS Sample												
Aluminum, Total	0.187	2	2.01	91		-	-		75-125	-		20
Antimony, Total	0.00077J	0.5	0.4803	96		-	-		75-125	-		20
Arsenic, Total	0.00122	0.12	0.1159	96		-	-		75-125	-		20
Barium, Total	0.1510	2	1.952	90		-	-		75-125	-		20
Beryllium, Total	0.00012J	0.05	0.04991	100		-	-		75-125	-		20
Cadmium, Total	0.00040	0.053	0.05135	96		-	-		75-125	-		20
Calcium, Total	129	10	133	**40**	Q	-	-		75-125	-		20
Chromium, Total	0.00055J	0.2	0.1831	92		-	-		75-125	-		20
Cobalt, Total	0.00080	0.5	0.4532	90		-	-		75-125	-		20
Copper, Total	0.00786	0.25	0.2407	93		-	-		75-125	-		20
Iron, Total	1.04	1	1.96	92		-	-		75-125	-		20
Lead, Total	0.00495	0.53	0.4907	92		-	-		75-125	-		20
Magnesium, Total	11.7	10	21.2	95		-	-		75-125	-		20
Manganese, Total	5.403	0.5	5.591	**38**	Q	-	-		75-125	-		20
Nickel, Total	0.00245	0.5	0.4521	90		-	-		75-125	-		20
Potassium, Total	19.4	10	27.1	77		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.116	97		-	-		75-125	-		20
Silver, Total	ND	0.05	0.04593	92		-	-		75-125	-		20
Sodium, Total	94.7	10	97.1	**24**	Q	-	-		75-125	-		20
Thallium, Total	0.00055J	0.12	0.1210	101		-	-		75-125	-		20
Vanadium, Total	0.00276J	0.5	0.4579	92		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

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): 31 QC Batch ID: WG1745247-3 QC Sample: L2308150-01 Client ID: MS Sample									
Zinc, Total	0.02651	0.5	0.4854	92	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 31 QC Batch ID: WG1745251-3 QC Sample: L2308193-01 Client ID: MS Sample									
Mercury, Total	0.00019J	0.005	0.00489	98	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

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): 01-19 QC Batch ID: WG1745306-3 WG1745306-4 QC Sample: L2307987-19 Client ID: PDI005_7											
Aluminum, Total	11600	189	10800	**0**	Q	12600	**549**	Q	75-125	15	20
Antimony, Total	1.01J	47.2	45.5	96		45.6	100		75-125	0	20
Arsenic, Total	2.31	11.3	13.7	100		13.5	102		75-125	1	20
Barium, Total	34.9	189	206	91		206	94		75-125	0	20
Beryllium, Total	0.535	4.72	5.28	100		5.22	103		75-125	1	20
Cadmium, Total	ND	5	4.72	94		4.66	96		75-125	1	20
Calcium, Total	700	944	1500	85		1560	94		75-125	4	20
Chromium, Total	18.2	18.9	33.6	82		36.4	100		75-125	8	20
Cobalt, Total	8.25	47.2	50.9	90		51.2	94		75-125	1	20
Copper, Total	15.7	23.6	37.1	91		38.9	102		75-125	5	20
Iron, Total	14900	94.4	13000	**0**	Q	14300	**0**	Q	75-125	10	20
Lead, Total	10.2	50	57.8	95		56.1	95		75-125	3	20
Magnesium, Total	3280	944	3730	**48**	Q	4060	86		75-125	8	20
Manganese, Total	182	47.2	187	**10**	Q	200	**40**	Q	75-125	7	20
Nickel, Total	30.3	47.2	69.3	83		71.5	90		75-125	3	20
Potassium, Total	1210	944	1960	79		2080	96		75-125	6	20
Selenium, Total	ND	11.3	11.0	97		10.8	99		75-125	2	20
Silver, Total	ND	4.72	4.13	87		4.16	91		75-125	1	20
Sodium, Total	94.6J	944	1010	107		994	109		75-125	2	20
Thallium, Total	0.762J	11.3	10.8	95		10.9	100		75-125	1	20
Vanadium, Total	26.4	47.2	67.1	86		69.3	94		75-125	3	20

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

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): 01-19 QC Batch ID: WG1745306-3 WG1745306-4 QC Sample: L2307987-19 Client ID: PDI005_7									
Zinc, Total	36.5	47.2	77.8	87	80.1	96	75-125	3	20

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

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): 20-30 QC Batch ID: WG1745314-3 WG1745314-4 QC Sample: L2308303-01 Client ID: MS Sample												
Aluminum, Total	2210	186	3420	**650**	Q	3580	**740**	Q	75-125	5		20
Antimony, Total	0.446J	46.5	49.9	107		49.8	108		75-125	0		20
Arsenic, Total	1.29	11.2	12.9	104		12.8	104		75-125	1		20
Barium, Total	20.1	186	212	103		212	104		75-125	0		20
Beryllium, Total	0.146J	4.65	5.23	112		5.18	112		75-125	1		20
Cadmium, Total	ND	4.93	4.85	98		4.82	98		75-125	1		20
Calcium, Total	364	931	1440	116		1480	120		75-125	3		20
Chromium, Total	10.3	18.6	27.9	94		27.4	92		75-125	2		20
Cobalt, Total	2.31	46.5	48.5	99		48.3	99		75-125	0		20
Copper, Total	5.72	23.3	31.8	112		31.3	110		75-125	2		20
Iron, Total	10600	93.1	14800	**4510**	Q	17200	**7130**	Q	75-125	15		20
Lead, Total	1.73J	49.3	52.4	106		52.4	107		75-125	0		20
Magnesium, Total	737	931	2020	**138**	Q	2060	**143**	Q	75-125	2		20
Manganese, Total	183	46.5	329	**314**	Q	474	**629**	Q	75-125	**36**	Q	20
Nickel, Total	5.17	46.5	52.0	101		51.3	100		75-125	1		20
Potassium, Total	443	931	1560	120		1520	116		75-125	3		20
Selenium, Total	ND	11.2	11.7	105		11.4	103		75-125	3		20
Silver, Total	ND	4.65	3.93	84		3.79	82		75-125	4		20
Sodium, Total	32.7J	931	1010	108		993	107		75-125	2		20
Thallium, Total	ND	11.2	11.0	98		10.8	97		75-125	2		20
Vanadium, Total	9.96	46.5	58.8	105		62.3	113		75-125	6		20

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

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): 20-30 QC Batch ID: WG1745314-3 WG1745314-4 QC Sample: L2308303-01 Client ID: MS Sample									
Zinc, Total	10.4	46.5	61.8	110	62.7	113	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 20-30 QC Batch ID: WG1745315-3 WG1745315-4 QC Sample: L2308303-01 Client ID: MS Sample									
Mercury, Total	ND	1.66	1.55	93	1.54	93	80-120	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-19 QC Batch ID: WG1746673-3 WG1746673-4 QC Sample: L2307987-19 Client ID: PDI005_7									
Mercury, Total	ND	1.81	1.85	102	1.90	100	80-120	3	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 31 QC Batch ID: WG1745247-4 QC Sample: L2308150-01 Client ID: DUP Sample						
Antimony, Total	0.00077J	0.00112J	mg/l	NC		20
Arsenic, Total	0.00122	0.00135	mg/l	10		20
Barium, Total	0.1510	0.1503	mg/l	0		20
Beryllium, Total	0.00012J	0.00012J	mg/l	NC		20
Cadmium, Total	0.00040	0.00041	mg/l	1		20
Chromium, Total	0.00055J	0.00056J	mg/l	NC		20
Cobalt, Total	0.00080	0.00077	mg/l	4		20
Copper, Total	0.00786	0.00794	mg/l	1		20
Iron, Total	1.04	1.06	mg/l	2		20
Lead, Total	0.00495	0.00493	mg/l	1		20
Nickel, Total	0.00245	0.00244	mg/l	0		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Thallium, Total	0.00055J	0.00142J	mg/l	NC		20
Vanadium, Total	0.00276J	0.00268J	mg/l	NC		20
Zinc, Total	0.02651	0.02568	mg/l	3		20
Total Metals - Mansfield Lab Associated sample(s): 31 QC Batch ID: WG1745251-4 QC Sample: L2308193-01 Client ID: DUP Sample						
Mercury, Total	0.00019J	0.00020	mg/l	NC		20

Project Name: TOT2202
Project Number: TOT2202

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2307987
Report Date: 02/22/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-19 QC Batch ID: WG1745306-6 QC Sample: L2307987-19 Client ID: PDI005_7						
Aluminum, Total	11600	12200	mg/kg	5		20
Barium, Total	34.9	37.2	mg/kg	7		20
Calcium, Total	700	739	mg/kg	6		20
Iron, Total	14900	16700	mg/kg	12		20
Magnesium, Total	3280	3480	mg/kg	6		20
Manganese, Total	182	195	mg/kg	7		20
Vanadium, Total	26.4	27.6	mg/kg	5		20
Total Metals - Mansfield Lab Associated sample(s): 20-30 QC Batch ID: WG1745314-6 QC Sample: L2308303-01 Client ID: DUP Sample						
Aluminum, Total	2210	2240	mg/kg	1		20
Calcium, Total	364	368	mg/kg	1		20
Iron, Total	10600	11200	mg/kg	6		20
Magnesium, Total	737	762	mg/kg	3		20
Manganese, Total	183	189	mg/kg	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-01
Client ID: PDI002_11
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 10:13
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	02/15/23 19:37	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-02
Client ID: PDI002_13
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 10:17
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.5		%	0.100	NA	1	-	02/15/23 19:37	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-03
Client ID: PDI003_11
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:55
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.6		%	0.100	NA	1	-	02/15/23 19:37	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-04
Client ID: PDI003_13
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:55
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.0		%	0.100	NA	1	-	02/15/23 19:37	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-05
Client ID: PDI004_11
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 09:45
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	02/15/23 19:37	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-06
Client ID: PDI004_13
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 09:41
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	02/15/23 19:37	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-07
Client ID: PDI026_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:15
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	02/15/23 19:37	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-08
Client ID: PDI026_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:17
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	02/15/23 19:37	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-09
Client ID: PDI026_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:21
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.0		%	0.100	NA	1	-	02/15/23 19:37	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-10
Client ID: PDI026_7
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:30
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	02/15/23 19:37	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-11
Client ID: PDI026_9
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:33
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	02/15/23 19:37	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-12
Client ID: PDI026_11
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 08:35
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	02/15/23 19:37	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-13
Client ID: PDI001_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 10:55
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.8		%	0.100	NA	1	-	02/15/23 19:37	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-14
Client ID: PDI001_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 10:58
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	02/15/23 19:37	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-15
Client ID: PDI001_7
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 11:10
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.1		%	0.100	NA	1	-	02/15/23 19:37	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-16
Client ID: PDI001_9
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 11:10
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.1		%	0.100	NA	1	-	02/15/23 19:37	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-17
Client ID: PDI005_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 11:37
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	02/15/23 19:37	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-18
Client ID: PDI005_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 11:40
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.7		%	0.100	NA	1	-	02/15/23 19:37	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-19
Client ID: PDI005_7
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 11:42
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	02/15/23 19:37	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-20
Client ID: PDI005_9
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 11:58
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	02/15/23 19:37	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-21
Client ID: PDI006_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 12:28
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	02/15/23 19:58	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-22
Client ID: PDI006_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 12:29
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.4		%	0.100	NA	1	-	02/15/23 19:58	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-23
Client ID: PDI006_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 12:32
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.9		%	0.100	NA	1	-	02/15/23 19:58	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-24
Client ID: PDI006_7
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 12:35
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.0		%	0.100	NA	1	-	02/15/23 19:58	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-25
Client ID: PDI006_9
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 12:39
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	02/15/23 19:58	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-26
Client ID: PDI011_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 13:38
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.9		%	0.100	NA	1	-	02/15/23 19:58	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-27
Client ID: PDI011_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 11:43
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	02/15/23 19:58	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-28
Client ID: PDI011_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 13:40
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	02/15/23 19:58	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-29
Client ID: DUP001
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 00:00
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	02/15/23 19:58	121,2540G	MNF

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

SAMPLE RESULTS

Lab ID: L2307987-30
Client ID: PDI006_11
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/14/23 12:40
Date Received: 02/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	02/15/23 19:58	121,2540G	MNF

Lab Duplicate Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2307987

Report Date: 02/22/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG1744916-1 QC Sample: L2307987-19 Client ID: PDI005_7						
Solids, Total	83.4	83.8	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 21-30 QC Batch ID: WG1744921-1 QC Sample: L2307987-21 Client ID: PDI006_1						
Solids, Total	88.3	88.4	%	0		20

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

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(*)
L2307987-01A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2307987-01B	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7)
L2307987-02A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	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),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2307987-02B	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7)
L2307987-03A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2307987-03B	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7)
L2307987-04A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	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),PB-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2307987-04B	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7)
L2307987-05A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2307987-05B	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2307987-06A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	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),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),MN-TI(180),MG-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2307987-06B	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7)
L2307987-07A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2307987-07B	Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-07C	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-08A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2307987-08B	Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-08C	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-09A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2307987-09B	Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-09C	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-10A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2307987-10B	Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-10C	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2307987-11A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2307987-11B	Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-11C	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-12A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2307987-12B	Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-12C	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-13A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2307987-13B	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7)
L2307987-14A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2307987-14B	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7)
L2307987-15A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2307987-15B	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7)
L2307987-16A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2307987-16B	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2307987-17A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	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),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2307987-17B	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7)
L2307987-18A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	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),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-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)
L2307987-18B	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7)
L2307987-19A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2307987-19A1	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2307987-19A2	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2307987-19B	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7)
L2307987-19B1	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7)
L2307987-19B2	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7)
L2307987-20A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2307987-20B	Glass 120ml/4oz unpreserved	B	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2307987-21A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2307987-21B	Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-21C	Glass 120ml/4oz unpreserved	A	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-22A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2307987-22B	Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-22C	Glass 120ml/4oz unpreserved	A	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-23A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	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),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2307987-23B	Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-23C	Glass 120ml/4oz unpreserved	A	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-24A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2307987-24B	Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-24C	Glass 120ml/4oz unpreserved	A	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-25A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	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),PB-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2307987-25B	Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-25C	Glass 120ml/4oz unpreserved	A	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2307987-26A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2307987-26B	Glass 120ml/4oz unpreserved	A	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7)
L2307987-27A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	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),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2307987-27B	Glass 120ml/4oz unpreserved	A	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7)
L2307987-28A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2307987-28B	Glass 120ml/4oz unpreserved	A	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7)
L2307987-29A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2307987-29B	Glass 120ml/4oz unpreserved	A	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7)
L2307987-30A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2307987-30B	Glass 60mL/2oz unpreserved	A	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-30C	Glass 120ml/4oz unpreserved	A	NA		3.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2307987-31A	Plastic 250ml HNO3 preserved	B	<2	<2	3.0	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),MG-6020T(180),CD-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2307987-31B	Amber 120ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8082-LVI(365)
L2307987-31C	Amber 120ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8082-LVI(365)
L2307987-31D	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2307987-31E	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name:	TOT2202	**Lab Number:**	L2307987
Project Number:	TOT2202	**Report Date:**	02/22/23

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

Project Name:	TOT2202	**Lab Number:**	L2307987
Project Number:	TOT2202	**Report Date:**	02/22/23

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.

Chlordane: 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.)

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'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	TOT2202	**Lab Number:**	L2307987
Project Number:	TOT2202	**Report Date:**	02/22/23

Data Qualifiers

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.

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.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	TOT2202	**Lab Number:**	L2307987
Project Number:	TOT2202	**Report Date:**	02/22/23

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

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, NO2, NO3.

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

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, SM4500Cl-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, **LACHAT 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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL
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 4

Date Rec'd in Lab: 2/15/23

ALPHA Job #: L2307987

Project Information

Project Name: TOT 2202
Project Location: 737 4th Ave, Brooklyn, NY
Project #
(Use Project name as Project #) ☒
Project Manager: Jennifer Lewis
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information

Client: PW Grosser Consulting Inc
Address: 630 Johnson Ave. Suite 7
Bohemia, NY 11716
Phone: 631-589-6353
Fax:
Email: jenniferl@pwgrosser.com

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☒ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8270	Total Hg total metals							Sample Specific Comments	Total Bottle
07987-01	PDI002_11	02-14-23	1013	S	DC	x	x								
-02	PDI002_13	↓	1017	↓	↓	x	x								
-03	PDI003_11	↓	0855	↓	↓	x	x								
-04	PDI003_13	↓	0955	↓	↓	x	x								
-05	PDI004_11	↓	0995	↓	↓	x	x								
-06	PDI004_13	↓	0991	↓	↓	x	x								
	~~PDI001_11~~	~~↓~~	~~1101~~	~~↓~~	~~↓~~	~~x~~	~~x~~								
	~~PDI001_13~~	~~↓~~	~~1105~~	~~↓~~	~~↓~~	~~x~~	~~x~~								

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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	A	A
Preservative	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	02.14.23 [illegible]	[signature]	2/14/23 16:00
[signature]	2/14/23 20:30	[signature]	2/14/23
[signature]	2/14/23	[signature]	2/14/23 0000
[signature]	2/15/23 0150	[signature]	2/15/23 0150

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

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

NEW YORK CHAIN OF CUSTODY

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 4

Date Rec'd in Lab: 2/15/23

ALPHA Job #: L2307987

Client Information

Client: JW Glocker Consultants INC
Address: 630 Johnson Ave Suite 7
Bohemia, NY 11716
Phone: 631-589-6353
Fax:
Email: jennifer.L@jwglocker.com

Project Information

Project Name: PDI2207
Project Location: 737 9th Ave. Brooklyn, NY
Project #
(Use Project name as Project #) [X]
Project Manager: Jennifer. Lewis
ALPHAQuote #:

Turn-Around Time

Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables

[ ] ASP-A [✓] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement

[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information

[X] Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

NYTCL-8270 | Total Hg using Hydride Methods | NYTCL-8082

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8270	Total Hg using Hydride Methods	NYTCL-8082	Sample Specific Comments	Total Bottle
07987-07	PDI026_1	02-14-23	2:15	S	DC	X	X	X		3
-08	PDI026_3		2:19			X	X	X		
-09	PDI026_5		2:21			X	X	X		
-10	PDI026_7		08:30			X	X	X		
-11	PDI026_9		08:33			X	X	X		
-12	PDI026_11		08:35			X	X	X		
-13	PDI001_3		10:55			X	X			2
-14	PDI001_5		10:58			X	X			
-15	PDI001_7		11:10			X	X			
-16	PDI001_9		11:10			X	X			

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	02.14.23 [illegible]	[illegible]	2/14/23 [illegible]
[illegible]	2/14/23 2030	[illegible]	2/14/23 2100
[illegible]	2/14/23	[illegible]	2/14/23 0000
[illegible]	2/15/23 0150		2/15/23 0150

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

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

NEW YORK CHAIN OF CUSTODY

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 3 of 4

Date Rec'd in Lab: 2/15/23

ALPHA Job #: L2307987

Client Information
Client: P.W Grosser Consulting Inc.
Address: 630 Johnson Ave Suite 7 Bohemia, NY 11716
Phone: 631-589-6353
Fax:
Email: jennifer1@pwgrosser.com

Project Information
Project Name: TCT2202
Project Location: 737 4th Ave, Brooklyn, NY
Project #
(Use Project name as Project #) ☒
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
* PDI011_1 is NYTCL-8270 & Total Hg Total Metals only

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL_8270	Total Hg Total Metals	NYCTCL_8082	Sample Specific Comments	Total Bottle
07987-17	PDI005_3	02.14.23	11:37	S	DC	X	X			2
-18	PDI005_5		11:40			X	X			
-19	PDI005_7		11:42			X	X			
-20	PDI005_9		11:58			X	X			
-21	PDI006_1		12:28			X	X	X		3
-22	PDI006_3		12:29			X	X	X		
-23	PDI006_5		12:32			X	X	X		
-24	PDI006_7		12:35			X	X	X		
-25	PDI006_9		12:39			X	X	X		
-26	PDI011_1		13:38			X	X			

Container Type: A A
Preservative: A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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

Relinquished By:	Date/Time	Received By:	Date/Time
	02.14.23 17:00		2/14/23 16:00
	2/14/23 20:30		2/14/23 2100
	2/14/23		2/14/23 0000
	2/15/23 0150		2/15/23 0150

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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 4 of 4

Date Rec'd in Lab

ALPHA Job #

Client Information
Client: P.W Grosser Consulting Inc.
Address: 630 Johnson Ave, Suite 7
Bohemia, NY 11716
Phone: 631-589-6353
Fax:
Email: jennifer1@pwgrosser.com

Project Information
Project Name: TOT2202
Project Location: 737 4th Ave, Brooklyn, NY
Project #
(Use Project name as Project #) [X]
Project Manager: Jennifer Lewis, PG
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement
[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information
[X] Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: NYTCL_8270	Total Rg Total Metals	NYTCL_8082	NYTCL-8270-SIM-LWT	NYTCL-8082-LWT	Total Hg Total Mercury			Total Bottle
07987-27	PDTO11_3	02.14.23	11:45	S	DC	X	X						X	2
-28	PDTO11_5		13:40			X	X							
-29	DUP001					X	X							
-19	PDTOOS_7(MS/MSD)		11:50			X	X							
-30	PDTCC6_11		12:40			X	X	X						3
-31	EQUIP BLANK		13:25	W	DC				X	X	X			5

Container Type: A A | 2A 2A P
Preservative: A A | A A C

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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

Relinquished By:	Date/Time	Received By:	Date/Time
	02.14.23 11:45		2/14/23 11:45
	2/14/23 3:00		2/14/23 21:00
	2/14/23		2/14/23 0000
	2/15/23 01:50		2/15/23 01:50

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2308197
Client:	P. W. Grosser 630 Johnson Avenue Suite 7 Bohemia, NY 11716
ATTN:	Jennifer Lewis
Phone:	(631) 589-6353
Project Name:	TOT2202
Project Number:	TOT2202
Report Date:	02/24/23

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).

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

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2308197-01	PDI012_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 13:19	02/15/23
L2308197-02	PDI012_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 13:15	02/15/23
L2308197-03	PDI012_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 13:17	02/15/23
L2308197-04	PDI021_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 13:00	02/15/23
L2308197-05	PDI021_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 13:03	02/15/23
L2308197-06	DUP004	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 00:00	02/15/23
L2308197-07	DUP003	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 00:00	02/15/23
L2308197-08	PDI020_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 11:04	02/15/23
L2308197-09	PDI020_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 11:05	02/15/23
L2308197-10	PDI019_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 10:28	02/15/23
L2308197-11	PDI019_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 10:27	02/15/23
L2308197-12	PDI018_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 11:55	02/15/23
L2308197-13	PDI018_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 11:58	02/15/23
L2308197-14	PDI018_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 11:58	02/15/23
L2308197-15	PDI007_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 07:51	02/15/23
L2308197-16	PDI007_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 07:55	02/15/23
L2308197-17	PDI008_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 08:25	02/15/23
L2308197-18	PDI008_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 08:25	02/15/23
L2308197-19	PDI009_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 08:55	02/15/23
L2308197-20	PDI009_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 08:54	02/15/23
L2308197-21	PDI010_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 09:56	02/15/23
L2308197-22	PDI010_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 09:57	02/15/23
L2308197-23	DUP002	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 00:00	02/15/23
L2308197-24	EQUIP BLANK 002	WATER	737 4TH AVE, BROOKLYN, NY	02/15/23 07:15	02/15/23

Project Name:	TOT2202	**Lab Number:**	L2308197
Project Number:	TOT2202	**Report Date:**	02/24/23

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.

Project Name: TOT2202 **Lab Number:** L2308197
Project Number: TOT2202 **Report Date:** 02/24/23

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
L2308197-01D, -06D, -07D, -08D, -12D, -15RE\D, -15D, -17D, -19RE\D, -19D, -21D, and -23D: The sample has elevated detection limits due to the dilution required by the sample matrix.
L2308197-15D: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (4%) and 2,4,6-tribromophenol (0%); however, re-extraction achieved similar results: 2-fluorophenol (0%), phenol-d6 (4%) and 2,4,6-tribromophenol (3%). The results of both extractions are reported.
L2308197-19D: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (1%) and 2,4,6-tribromophenol (0%); however, re-extraction achieved similar results: 2-fluorophenol (0%), phenol-d6 (0%) and 2,4,6-tribromophenol (0%). The results of both extractions are reported.
The WG1746104-4/-5 MS/MSD recoveries, performed on L2308197-03, are below the acceptance criteria for hexachlorocyclopentadiene (0%/0%), 2,4-dinitrophenol (0%/0%) and benzoic acid (0%/0%) due to the concentration of these compound in the MS/MSD falling below the reported detection limits.
The WG1746104-6/-7 MS/MSD recoveries, performed on L2308197-09, are below the acceptance criteria for hexachlorocyclopentadiene (0%/0%), 2,4-dinitrophenol (0%/0%), 4,6-dinitro-o-cresol (0%/0%) and benzoic acid (0%/0%) due to the concentration of these compounds in the MS/MSD falling below the reported detection limits.

Total Metals
L2308197-01 through 23: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.
The WG1745357-1 Method Blank, associated with L2308197-15 through -23, has a concentration above the

Project Name:	TOT2202	**Lab Number:**	L2308197
Project Number:	TOT2202	**Report Date:**	02/24/23

Case Narrative (continued)

reporting limit for iron. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

The WG1745486-1 Method Blank, associated with L2308197-24, has a concentration above the reporting limit for mercury. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

The WG1745335-3/-4 MS/MSD recoveries for aluminum (178%/0%), iron (0%/0%) and manganese (291%/53%), performed on L2308197-03, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1745335-3/-4 MS/MSD RPD for manganese (41%), performed on L2308197-03, is above the acceptance criteria.

The WG1745335-7/-8 MS/MSD recoveries for aluminum (MSD 0%), calcium (1250%/30%), iron (0%/0%), and manganese (0%/0%), performed on L2308197-09, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1745335-7/-8 MS/MSD RPD for calcium (95%), performed on L2308197-09, is above the acceptance criteria.

The WG1745335-7/8 MS/MSD recoveries, performed on L2308197-09, are outside the acceptance criteria for magnesium (168%/133%). A post digestion spike was performed and was within acceptance criteria.

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: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 02/24/23

ORGANICS

SEMIVOLATILES

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-01 D
Client ID: PDI012_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 13:19
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/22/23 15:14
Analyst: EK
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	680		ug/kg	280	36.	2
1,2,4-Trichlorobenzene	ND		ug/kg	350	40.	2
Hexachlorobenzene	ND		ug/kg	210	39.	2
Bis(2-chloroethyl)ether	ND		ug/kg	310	47.	2
2-Chloronaphthalene	ND		ug/kg	350	35.	2
1,2-Dichlorobenzene	ND		ug/kg	350	63.	2
1,3-Dichlorobenzene	ND		ug/kg	350	60.	2
1,4-Dichlorobenzene	ND		ug/kg	350	61.	2
3,3'-Dichlorobenzidine	ND		ug/kg	350	93.	2
2,4-Dinitrotoluene	ND		ug/kg	350	70.	2
2,6-Dinitrotoluene	ND		ug/kg	350	60.	2
Fluoranthene	3500		ug/kg	210	40.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	350	37.	2
4-Bromophenyl phenyl ether	ND		ug/kg	350	53.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	420	60.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	380	35.	2
Hexachlorobutadiene	ND		ug/kg	350	51.	2
Hexachlorocyclopentadiene	ND		ug/kg	1000	320	2
Hexachloroethane	ND		ug/kg	280	56.	2
Isophorone	ND		ug/kg	310	45.	2
Naphthalene	140	J	ug/kg	350	42.	2
Nitrobenzene	ND		ug/kg	310	52.	2
NDPA/DPA	ND		ug/kg	280	40.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	350	54.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	350	120	2
Butyl benzyl phthalate	ND		ug/kg	350	88.	2
Di-n-butylphthalate	ND		ug/kg	350	66.	2
Di-n-octylphthalate	ND		ug/kg	350	120	2

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-01 D
Client ID: PDI012_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 13:19
Date Received: 02/15/23
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	350	32.	2
Dimethyl phthalate	ND		ug/kg	350	73.	2
Benzo(a)anthracene	1200		ug/kg	210	39.	2
Benzo(a)pyrene	1000		ug/kg	280	85.	2
Benzo(b)fluoranthene	1400		ug/kg	210	59.	2
Benzo(k)fluoranthene	430		ug/kg	210	56.	2
Chrysene	1300		ug/kg	210	36.	2
Acenaphthylene	87	J	ug/kg	280	54.	2
Anthracene	970		ug/kg	210	68.	2
Benzo(ghi)perylene	620		ug/kg	280	41.	2
Fluorene	630		ug/kg	350	34.	2
Phenanthrene	3700		ug/kg	210	42.	2
Dibenzo(a,h)anthracene	140	J	ug/kg	210	40.	2
Indeno(1,2,3-cd)pyrene	570		ug/kg	280	49.	2
Pyrene	3000		ug/kg	210	35.	2
Biphenyl	160	J	ug/kg	800	45.	2
4-Chloroaniline	ND		ug/kg	350	64.	2
2-Nitroaniline	ND		ug/kg	350	67.	2
3-Nitroaniline	ND		ug/kg	350	66.	2
4-Nitroaniline	ND		ug/kg	350	140	2
Dibenzofuran	610		ug/kg	350	33.	2
2-Methylnaphthalene	710		ug/kg	420	42.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	350	36.	2
Acetophenone	ND		ug/kg	350	43.	2
2,4,6-Trichlorophenol	ND		ug/kg	210	66.	2
p-Chloro-m-cresol	ND		ug/kg	350	52.	2
2-Chlorophenol	ND		ug/kg	350	41.	2
2,4-Dichlorophenol	ND		ug/kg	310	56.	2
2,4-Dimethylphenol	ND		ug/kg	350	120	2
2-Nitrophenol	ND		ug/kg	750	130	2
4-Nitrophenol	ND		ug/kg	490	140	2
2,4-Dinitrophenol	ND		ug/kg	1700	160	2
4,6-Dinitro-o-cresol	ND		ug/kg	910	170	2
Pentachlorophenol	ND		ug/kg	280	77.	2
Phenol	ND		ug/kg	350	53.	2
2-Methylphenol	ND		ug/kg	350	54.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	500	55.	2

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-01 D
Client ID: PDI012_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 13:19
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	350	67.	2
Benzoic Acid	ND		ug/kg	1100	350	2
Benzyl Alcohol	ND		ug/kg	350	110	2
Carbazole	510		ug/kg	350	34.	2
1,4-Dioxane	ND		ug/kg	52	16.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	67		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-02
Client ID: PDI012_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 13:15
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/22/23 15:31
Analyst: EK
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	54	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	44.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-02 Date Collected: 02/15/23 13:15

Client ID: PDI012_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	31	J	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	28	J	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	39	J	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	45	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	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: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-02 Date Collected: 02/15/23 13:15

Client ID: PDI012_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	87		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-03
Client ID: PDI012_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 13:17
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/22/23 15:48
Analyst: EK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	31.	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	36.	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	28.	1
Bis(2-ethylhexyl)phthalate	ND		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	60.	1

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-03 Date Collected: 02/15/23 13:17

Client ID: PDI012_5 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	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	28.	1
Anthracene	ND		ug/kg	110	35.	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	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	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	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	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: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-03 Date Collected: 02/15/23 13:17

Client ID: PDI012_5 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	91		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-04
Client ID: PDI021_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 13:00
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/22/23 16:40
Analyst: EK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	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	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	ND		ug/kg	180	63.	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	62.	1

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-04 Date Collected: 02/15/23 13:00

Client ID: PDI021_1 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	ND		ug/kg	110	20.	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	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	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	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	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: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-04 Date Collected: 02/15/23 13:00

Client ID: PDI021_1 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	26		10-136
4-Terphenyl-d14	75		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-05
Client ID: PDI021_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 13:03
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/22/23 16:57
Analyst: EK
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		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	ND		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	ND		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	ND		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	29.	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: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-05 Date Collected: 02/15/23 13:03

Client ID: PDI021_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	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	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	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	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	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-05 Date Collected: 02/15/23 13:03

Client ID: PDI021_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	86		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-06 D
Client ID: DUP004
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 00:00
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/22/23 17:14
Analyst: EK
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	71	J	ug/kg	280	36.	2
1,2,4-Trichlorobenzene	ND		ug/kg	350	40.	2
Hexachlorobenzene	ND		ug/kg	210	39.	2
Bis(2-chloroethyl)ether	ND		ug/kg	310	47.	2
2-Chloronaphthalene	ND		ug/kg	350	35.	2
1,2-Dichlorobenzene	ND		ug/kg	350	63.	2
1,3-Dichlorobenzene	ND		ug/kg	350	60.	2
1,4-Dichlorobenzene	ND		ug/kg	350	61.	2
3,3'-Dichlorobenzidine	ND		ug/kg	350	93.	2
2,4-Dinitrotoluene	ND		ug/kg	350	70.	2
2,6-Dinitrotoluene	ND		ug/kg	350	60.	2
Fluoranthene	1100		ug/kg	210	40.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	350	37.	2
4-Bromophenyl phenyl ether	ND		ug/kg	350	53.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	420	60.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	380	35.	2
Hexachlorobutadiene	ND		ug/kg	350	51.	2
Hexachlorocyclopentadiene	ND		ug/kg	1000	320	2
Hexachloroethane	ND		ug/kg	280	57.	2
Isophorone	ND		ug/kg	310	45.	2
Naphthalene	75	J	ug/kg	350	43.	2
Nitrobenzene	ND		ug/kg	310	52.	2
NDPA/DPA	ND		ug/kg	280	40.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	350	54.	2
Bis(2-ethylhexyl)phthalate	180	J	ug/kg	350	120	2
Butyl benzyl phthalate	ND		ug/kg	350	88.	2
Di-n-butylphthalate	ND		ug/kg	350	66.	2
Di-n-octylphthalate	ND		ug/kg	350	120	2

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-06 D
Client ID: DUP004
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 00:00
Date Received: 02/15/23
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	350	32.	2
Dimethyl phthalate	ND		ug/kg	350	73.	2
Benzo(a)anthracene	650		ug/kg	210	39.	2
Benzo(a)pyrene	830		ug/kg	280	85.	2
Benzo(b)fluoranthene	1100		ug/kg	210	59.	2
Benzo(k)fluoranthene	340		ug/kg	210	56.	2
Chrysene	850		ug/kg	210	36.	2
Acenaphthylene	68	J	ug/kg	280	54.	2
Anthracene	140	J	ug/kg	210	68.	2
Benzo(ghi)perylene	480		ug/kg	280	41.	2
Fluorene	47	J	ug/kg	350	34.	2
Phenanthrene	460		ug/kg	210	42.	2
Dibenzo(a,h)anthracene	110	J	ug/kg	210	40.	2
Indeno(1,2,3-cd)pyrene	390		ug/kg	280	49.	2
Pyrene	1500		ug/kg	210	35.	2
Biphenyl	ND		ug/kg	800	45.	2
4-Chloroaniline	ND		ug/kg	350	64.	2
2-Nitroaniline	ND		ug/kg	350	67.	2
3-Nitroaniline	ND		ug/kg	350	66.	2
4-Nitroaniline	ND		ug/kg	350	140	2
Dibenzofuran	63	J	ug/kg	350	33.	2
2-Methylnaphthalene	100	J	ug/kg	420	42.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	350	36.	2
Acetophenone	ND		ug/kg	350	43.	2
2,4,6-Trichlorophenol	ND		ug/kg	210	66.	2
p-Chloro-m-cresol	ND		ug/kg	350	52.	2
2-Chlorophenol	ND		ug/kg	350	41.	2
2,4-Dichlorophenol	ND		ug/kg	310	56.	2
2,4-Dimethylphenol	ND		ug/kg	350	120	2
2-Nitrophenol	ND		ug/kg	760	130	2
4-Nitrophenol	ND		ug/kg	490	140	2
2,4-Dinitrophenol	ND		ug/kg	1700	160	2
4,6-Dinitro-o-cresol	ND		ug/kg	910	170	2
Pentachlorophenol	ND		ug/kg	280	77.	2
Phenol	ND		ug/kg	350	53.	2
2-Methylphenol	ND		ug/kg	350	54.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	500	55.	2

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-06 D
Client ID: DUP004
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 00:00
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	350	67.	2
Benzoic Acid	ND		ug/kg	1100	350	2
Benzyl Alcohol	ND		ug/kg	350	110	2
Carbazole	ND		ug/kg	350	34.	2
1,4-Dioxane	ND		ug/kg	52	16.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	45		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	48		10-136
4-Terphenyl-d14	59		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-07 D
Client ID: DUP003
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 00:00
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/22/23 17:31
Analyst: EK
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	70	J	ug/kg	290	37.	2
1,2,4-Trichlorobenzene	ND		ug/kg	360	41.	2
Hexachlorobenzene	ND		ug/kg	210	40.	2
Bis(2-chloroethyl)ether	ND		ug/kg	320	48.	2
2-Chloronaphthalene	ND		ug/kg	360	36.	2
1,2-Dichlorobenzene	ND		ug/kg	360	64.	2
1,3-Dichlorobenzene	ND		ug/kg	360	62.	2
1,4-Dichlorobenzene	ND		ug/kg	360	62.	2
3,3'-Dichlorobenzidine	ND		ug/kg	360	95.	2
2,4-Dinitrotoluene	ND		ug/kg	360	72.	2
2,6-Dinitrotoluene	ND		ug/kg	360	61.	2
Fluoranthene	1600		ug/kg	210	41.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	360	38.	2
4-Bromophenyl phenyl ether	ND		ug/kg	360	55.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	430	61.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	390	36.	2
Hexachlorobutadiene	ND		ug/kg	360	52.	2
Hexachlorocyclopentadiene	ND		ug/kg	1000	320	2
Hexachloroethane	ND		ug/kg	290	58.	2
Isophorone	ND		ug/kg	320	46.	2
Naphthalene	ND		ug/kg	360	44.	2
Nitrobenzene	ND		ug/kg	320	53.	2
NDPA/DPA	ND		ug/kg	290	41.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	360	55.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	360	120	2
Butyl benzyl phthalate	ND		ug/kg	360	90.	2
Di-n-butylphthalate	ND		ug/kg	360	68.	2
Di-n-octylphthalate	ND		ug/kg	360	120	2

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-07 D
Client ID: DUP003
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 00:00
Date Received: 02/15/23
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	360	33.	2
Dimethyl phthalate	ND		ug/kg	360	75.	2
Benzo(a)anthracene	960		ug/kg	210	40.	2
Benzo(a)pyrene	910		ug/kg	290	87.	2
Benzo(b)fluoranthene	1000		ug/kg	210	60.	2
Benzo(k)fluoranthene	430		ug/kg	210	57.	2
Chrysene	880		ug/kg	210	37.	2
Acenaphthylene	200	J	ug/kg	290	55.	2
Anthracene	260		ug/kg	210	70.	2
Benzo(ghi)perylene	570		ug/kg	290	42.	2
Fluorene	66	J	ug/kg	360	35.	2
Phenanthrene	560		ug/kg	210	44.	2
Dibenzo(a,h)anthracene	120	J	ug/kg	210	41.	2
Indeno(1,2,3-cd)pyrene	480		ug/kg	290	50.	2
Pyrene	1400		ug/kg	210	36.	2
Biphenyl	ND		ug/kg	820	46.	2
4-Chloroaniline	ND		ug/kg	360	65.	2
2-Nitroaniline	ND		ug/kg	360	69.	2
3-Nitroaniline	ND		ug/kg	360	67.	2
4-Nitroaniline	ND		ug/kg	360	150	2
Dibenzofuran	37	J	ug/kg	360	34.	2
2-Methylnaphthalene	ND		ug/kg	430	43.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	360	37.	2
Acetophenone	ND		ug/kg	360	44.	2
2,4,6-Trichlorophenol	ND		ug/kg	210	68.	2
p-Chloro-m-cresol	ND		ug/kg	360	53.	2
2-Chlorophenol	ND		ug/kg	360	42.	2
2,4-Dichlorophenol	ND		ug/kg	320	58.	2
2,4-Dimethylphenol	ND		ug/kg	360	120	2
2-Nitrophenol	ND		ug/kg	770	130	2
4-Nitrophenol	ND		ug/kg	500	150	2
2,4-Dinitrophenol	ND		ug/kg	1700	170	2
4,6-Dinitro-o-cresol	ND		ug/kg	930	170	2
Pentachlorophenol	ND		ug/kg	290	79.	2
Phenol	ND		ug/kg	360	54.	2
2-Methylphenol	ND		ug/kg	360	55.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	520	56.	2

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-07 D
Client ID: DUP003
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 00:00
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	360	68.	2
Benzoic Acid	ND		ug/kg	1200	360	2
Benzyl Alcohol	ND		ug/kg	360	110	2
Carbazole	93	J	ug/kg	360	35.	2
1,4-Dioxane	ND		ug/kg	54	16.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		25-120
Phenol-d6	45		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	37		10-136
4-Terphenyl-d14	52		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-08 D
Client ID: PDI020_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 11:04
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/22/23 17:48
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	96	J	ug/kg	290	38.	2
1,2,4-Trichlorobenzene	ND		ug/kg	360	42.	2
Hexachlorobenzene	ND		ug/kg	220	41.	2
Bis(2-chloroethyl)ether	ND		ug/kg	330	50.	2
2-Chloronaphthalene	ND		ug/kg	360	36.	2
1,2-Dichlorobenzene	ND		ug/kg	360	66.	2
1,3-Dichlorobenzene	ND		ug/kg	360	63.	2
1,4-Dichlorobenzene	ND		ug/kg	360	64.	2
3,3'-Dichlorobenzidine	ND		ug/kg	360	97.	2
2,4-Dinitrotoluene	ND		ug/kg	360	73.	2
2,6-Dinitrotoluene	ND		ug/kg	360	63.	2
Fluoranthene	1100		ug/kg	220	42.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	360	39.	2
4-Bromophenyl phenyl ether	ND		ug/kg	360	56.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	440	62.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	390	36.	2
Hexachlorobutadiene	ND		ug/kg	360	53.	2
Hexachlorocyclopentadiene	ND		ug/kg	1000	330	2
Hexachloroethane	ND		ug/kg	290	59.	2
Isophorone	ND		ug/kg	330	47.	2
Naphthalene	64	J	ug/kg	360	44.	2
Nitrobenzene	ND		ug/kg	330	54.	2
NDPA/DPA	ND		ug/kg	290	42.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	360	56.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	360	130	2
Butyl benzyl phthalate	ND		ug/kg	360	92.	2
Di-n-butylphthalate	ND		ug/kg	360	69.	2
Di-n-octylphthalate	ND		ug/kg	360	120	2

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-08 D
Client ID: PDI020_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 11:04
Date Received: 02/15/23
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	360	34.	2
Dimethyl phthalate	ND		ug/kg	360	77.	2
Benzo(a)anthracene	510		ug/kg	220	41.	2
Benzo(a)pyrene	550		ug/kg	290	89.	2
Benzo(b)fluoranthene	580		ug/kg	220	61.	2
Benzo(k)fluoranthene	290		ug/kg	220	58.	2
Chrysene	520		ug/kg	220	38.	2
Acenaphthylene	90	J	ug/kg	290	56.	2
Anthracene	230		ug/kg	220	71.	2
Benzo(ghi)perylene	410		ug/kg	290	43.	2
Fluorene	82	J	ug/kg	360	35.	2
Phenanthrene	790		ug/kg	220	44.	2
Dibenzo(a,h)anthracene	94	J	ug/kg	220	42.	2
Indeno(1,2,3-cd)pyrene	290		ug/kg	290	51.	2
Pyrene	900		ug/kg	220	36.	2
Biphenyl	ND		ug/kg	830	47.	2
4-Chloroaniline	ND		ug/kg	360	66.	2
2-Nitroaniline	ND		ug/kg	360	70.	2
3-Nitroaniline	ND		ug/kg	360	69.	2
4-Nitroaniline	ND		ug/kg	360	150	2
Dibenzofuran	49	J	ug/kg	360	34.	2
2-Methylnaphthalene	210	J	ug/kg	440	44.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	360	38.	2
Acetophenone	ND		ug/kg	360	45.	2
2,4,6-Trichlorophenol	ND		ug/kg	220	69.	2
p-Chloro-m-cresol	ND		ug/kg	360	54.	2
2-Chlorophenol	ND		ug/kg	360	43.	2
2,4-Dichlorophenol	ND		ug/kg	330	59.	2
2,4-Dimethylphenol	ND		ug/kg	360	120	2
2-Nitrophenol	ND		ug/kg	790	140	2
4-Nitrophenol	ND		ug/kg	510	150	2
2,4-Dinitrophenol	ND		ug/kg	1800	170	2
4,6-Dinitro-o-cresol	ND		ug/kg	950	180	2
Pentachlorophenol	ND		ug/kg	290	80.	2
Phenol	ND		ug/kg	360	55.	2
2-Methylphenol	ND		ug/kg	360	56.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	520	57.	2

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-08 D
Client ID: PDI020_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 11:04
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	360	70.	2
Benzoic Acid	ND		ug/kg	1200	370	2
Benzyl Alcohol	ND		ug/kg	360	110	2
Carbazole	88	J	ug/kg	360	35.	2
1,4-Dioxane	ND		ug/kg	55	17.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		25-120
Phenol-d6	51		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	43		10-136
4-Terphenyl-d14	64		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-09
Client ID: PDI020_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 11:05
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/22/23 18:05
Analyst: EK
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	71	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	ND		ug/kg	180	63.	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	62.	1

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-09 Date Collected: 02/15/23 11:05

Client ID: PDI020_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	38	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	48	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	38	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	46	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	50	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	32	J	ug/kg	150	26.	1
Pyrene	64	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	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	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	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: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-09 Date Collected: 02/15/23 11:05

Client ID: PDI020_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	49		10-136
4-Terphenyl-d14	79		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-10 D
Client ID: PDI019_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 10:28
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/22/23 18:57
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	620		ug/kg	280	37.	2
1,2,4-Trichlorobenzene	ND		ug/kg	360	41.	2
Hexachlorobenzene	ND		ug/kg	210	40.	2
Bis(2-chloroethyl)ether	ND		ug/kg	320	48.	2
2-Chloronaphthalene	ND		ug/kg	360	35.	2
1,2-Dichlorobenzene	ND		ug/kg	360	64.	2
1,3-Dichlorobenzene	ND		ug/kg	360	61.	2
1,4-Dichlorobenzene	ND		ug/kg	360	62.	2
3,3'-Dichlorobenzidine	ND		ug/kg	360	95.	2
2,4-Dinitrotoluene	ND		ug/kg	360	71.	2
2,6-Dinitrotoluene	ND		ug/kg	360	61.	2
Fluoranthene	12000		ug/kg	210	41.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	360	38.	2
4-Bromophenyl phenyl ether	ND		ug/kg	360	54.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	430	61.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	380	36.	2
Hexachlorobutadiene	ND		ug/kg	360	52.	2
Hexachlorocyclopentadiene	ND		ug/kg	1000	320	2
Hexachloroethane	ND		ug/kg	280	58.	2
Isophorone	ND		ug/kg	320	46.	2
Naphthalene	290	J	ug/kg	360	43.	2
Nitrobenzene	ND		ug/kg	320	53.	2
NDPA/DPA	ND		ug/kg	280	40.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	360	55.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	360	120	2
Butyl benzyl phthalate	ND		ug/kg	360	90.	2
Di-n-butylphthalate	ND		ug/kg	360	68.	2
Di-n-octylphthalate	ND		ug/kg	360	120	2

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-10 D
Client ID: PDI019_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 10:28
Date Received: 02/15/23
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	360	33.	2
Dimethyl phthalate	ND		ug/kg	360	75.	2
Benzo(a)anthracene	4100		ug/kg	210	40.	2
Benzo(a)pyrene	4600		ug/kg	280	87.	2
Benzo(b)fluoranthene	6400		ug/kg	210	60.	2
Benzo(k)fluoranthene	2200		ug/kg	210	57.	2
Chrysene	5700		ug/kg	210	37.	2
Acenaphthylene	55	J	ug/kg	280	55.	2
Anthracene	1200		ug/kg	210	69.	2
Benzo(ghi)perylene	2600		ug/kg	280	42.	2
Fluorene	600		ug/kg	360	35.	2
Phenanthrene	8400		ug/kg	210	43.	2
Dibenzo(a,h)anthracene	620		ug/kg	210	41.	2
Indeno(1,2,3-cd)pyrene	2300		ug/kg	280	50.	2
Pyrene	9200		ug/kg	210	35.	2
Biphenyl	77	J	ug/kg	810	46.	2
4-Chloroaniline	ND		ug/kg	360	65.	2
2-Nitroaniline	ND		ug/kg	360	69.	2
3-Nitroaniline	ND		ug/kg	360	67.	2
4-Nitroaniline	ND		ug/kg	360	150	2
Dibenzofuran	410		ug/kg	360	34.	2
2-Methylnaphthalene	350	J	ug/kg	430	43.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	360	37.	2
Acetophenone	ND		ug/kg	360	44.	2
2,4,6-Trichlorophenol	ND		ug/kg	210	68.	2
p-Chloro-m-cresol	ND		ug/kg	360	53.	2
2-Chlorophenol	ND		ug/kg	360	42.	2
2,4-Dichlorophenol	ND		ug/kg	320	57.	2
2,4-Dimethylphenol	ND		ug/kg	360	120	2
2-Nitrophenol	ND		ug/kg	770	130	2
4-Nitrophenol	ND		ug/kg	500	140	2
2,4-Dinitrophenol	ND		ug/kg	1700	160	2
4,6-Dinitro-o-cresol	ND		ug/kg	920	170	2
Pentachlorophenol	ND		ug/kg	280	78.	2
Phenol	ND		ug/kg	360	54.	2
2-Methylphenol	ND		ug/kg	360	55.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	510	56.	2

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-10 D
Client ID: PDI019_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 10:28
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	360	68.	2
Benzoic Acid	ND		ug/kg	1200	360	2
Benzyl Alcohol	ND		ug/kg	360	110	2
Carbazole	1800		ug/kg	360	35.	2
1,4-Dioxane	ND		ug/kg	53	16.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		25-120
Phenol-d6	45		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	24		10-136
4-Terphenyl-d14	65		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-11
Client ID: PDI019_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 10:27
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/22/23 19:14
Analyst: IM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	170	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	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	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	170	24.	1
Naphthalene	ND		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-11 Date Collected: 02/15/23 10:27

Client ID: PDI019_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	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	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	310		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	44	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	190		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	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	77.	1
Dibenzofuran	ND		ug/kg	180	18.	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	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-11 Date Collected: 02/15/23 10:27

Client ID: PDI019_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	82		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-12 D
Client ID: PDI018_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 11:55
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/22/23 19:30
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	140	J	ug/kg	290	38.	2
1,2,4-Trichlorobenzene	ND		ug/kg	360	42.	2
Hexachlorobenzene	ND		ug/kg	220	41.	2
Bis(2-chloroethyl)ether	ND		ug/kg	330	49.	2
2-Chloronaphthalene	ND		ug/kg	360	36.	2
1,2-Dichlorobenzene	ND		ug/kg	360	65.	2
1,3-Dichlorobenzene	ND		ug/kg	360	62.	2
1,4-Dichlorobenzene	ND		ug/kg	360	63.	2
3,3'-Dichlorobenzidine	ND		ug/kg	360	96.	2
2,4-Dinitrotoluene	ND		ug/kg	360	73.	2
2,6-Dinitrotoluene	ND		ug/kg	360	62.	2
Fluoranthene	2200		ug/kg	220	42.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	360	39.	2
4-Bromophenyl phenyl ether	ND		ug/kg	360	55.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	440	62.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	390	36.	2
Hexachlorobutadiene	ND		ug/kg	360	53.	2
Hexachlorocyclopentadiene	ND		ug/kg	1000	330	2
Hexachloroethane	ND		ug/kg	290	59.	2
Isophorone	ND		ug/kg	330	47.	2
Naphthalene	120	J	ug/kg	360	44.	2
Nitrobenzene	ND		ug/kg	330	54.	2
NDPA/DPA	ND		ug/kg	290	41.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	360	56.	2
Bis(2-ethylhexyl)phthalate	340	J	ug/kg	360	120	2
Butyl benzyl phthalate	ND		ug/kg	360	91.	2
Di-n-butylphthalate	ND		ug/kg	360	69.	2
Di-n-octylphthalate	ND		ug/kg	360	120	2

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-12 D
Client ID: PDI018_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 11:55
Date Received: 02/15/23
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	360	34.	2
Dimethyl phthalate	ND		ug/kg	360	76.	2
Benzo(a)anthracene	1100		ug/kg	220	41.	2
Benzo(a)pyrene	1300		ug/kg	290	88.	2
Benzo(b)fluoranthene	1600		ug/kg	220	61.	2
Benzo(k)fluoranthene	580		ug/kg	220	58.	2
Chrysene	1100		ug/kg	220	38.	2
Acenaphthylene	180	J	ug/kg	290	56.	2
Anthracene	400		ug/kg	220	71.	2
Benzo(ghi)perylene	640		ug/kg	290	43.	2
Fluorene	110	J	ug/kg	360	35.	2
Phenanthrene	1100		ug/kg	220	44.	2
Dibenzo(a,h)anthracene	150	J	ug/kg	220	42.	2
Indeno(1,2,3-cd)pyrene	520		ug/kg	290	51.	2
Pyrene	2200		ug/kg	220	36.	2
Biphenyl	ND		ug/kg	830	47.	2
4-Chloroaniline	ND		ug/kg	360	66.	2
2-Nitroaniline	ND		ug/kg	360	70.	2
3-Nitroaniline	ND		ug/kg	360	68.	2
4-Nitroaniline	ND		ug/kg	360	150	2
Dibenzofuran	92	J	ug/kg	360	34.	2
2-Methylnaphthalene	130	J	ug/kg	440	44.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	360	38.	2
Acetophenone	ND		ug/kg	360	45.	2
2,4,6-Trichlorophenol	ND		ug/kg	220	69.	2
p-Chloro-m-cresol	ND		ug/kg	360	54.	2
2-Chlorophenol	ND		ug/kg	360	43.	2
2,4-Dichlorophenol	ND		ug/kg	330	58.	2
2,4-Dimethylphenol	ND		ug/kg	360	120	2
2-Nitrophenol	ND		ug/kg	780	140	2
4-Nitrophenol	ND		ug/kg	510	150	2
2,4-Dinitrophenol	ND		ug/kg	1700	170	2
4,6-Dinitro-o-cresol	ND		ug/kg	940	170	2
Pentachlorophenol	ND		ug/kg	290	80.	2
Phenol	ND		ug/kg	360	55.	2
2-Methylphenol	ND		ug/kg	360	56.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	520	57.	2

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-12 D
Client ID: PDI018_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 11:55
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	360	70.	2
Benzoic Acid	ND		ug/kg	1200	370	2
Benzyl Alcohol	ND		ug/kg	360	110	2
Carbazole	120	J	ug/kg	360	35.	2
1,4-Dioxane	ND		ug/kg	54	17.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		25-120
Phenol-d6	43		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	47		10-136
4-Terphenyl-d14	55		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-13
Client ID: PDI018_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 11:58
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/22/23 19:47
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		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	ND		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	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	28.	1
Bis(2-ethylhexyl)phthalate	ND		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: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-13 Date Collected: 02/15/23 11:58

Client ID: PDI018_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	110	J	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	21.	1
Indeno(1,2,3-cd)pyrene	74	J	ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	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	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	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: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-13 Date Collected: 02/15/23 11:58

Client ID: PDI018_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	73		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-14
Client ID: PDI018_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 11:58
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/22/23 20:04
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	34.	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	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	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	ND		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: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-14 Date Collected: 02/15/23 11:58

Client ID: PDI018_5 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		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	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	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	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	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	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	36.	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	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	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: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-14 Date Collected: 02/15/23 11:58

Client ID: PDI018_5 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	68		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-15 RE\D
Client ID: PDI007_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 07:51
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/24/23 12:20
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/23/23 12:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	730	95.	5
1,2,4-Trichlorobenzene	ND		ug/kg	920	100	5
Hexachlorobenzene	ND		ug/kg	550	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	820	120	5
2-Chloronaphthalene	ND		ug/kg	920	91.	5
1,2-Dichlorobenzene	ND		ug/kg	920	160	5
1,3-Dichlorobenzene	ND		ug/kg	920	160	5
1,4-Dichlorobenzene	ND		ug/kg	920	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	920	240	5
2,4-Dinitrotoluene	ND		ug/kg	920	180	5
2,6-Dinitrotoluene	ND		ug/kg	920	160	5
Fluoranthene	1400		ug/kg	550	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	920	98.	5
4-Bromophenyl phenyl ether	ND		ug/kg	920	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	990	92.	5
Hexachlorobutadiene	ND		ug/kg	920	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	830	5
Hexachloroethane	ND		ug/kg	730	150	5
Isophorone	ND		ug/kg	820	120	5
Naphthalene	ND		ug/kg	920	110	5
Nitrobenzene	ND		ug/kg	820	140	5
NDPA/DPA	ND		ug/kg	730	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	920	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	920	320	5
Butyl benzyl phthalate	750	J	ug/kg	920	230	5
Di-n-butylphthalate	ND		ug/kg	920	170	5
Di-n-octylphthalate	ND		ug/kg	920	310	5

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-15 RE\D
Client ID: PDI007_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 07:51
Date Received: 02/15/23
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	920	85.	5
Dimethyl phthalate	ND		ug/kg	920	190	5
Benzo(a)anthracene	650		ug/kg	550	100	5
Benzo(a)pyrene	830		ug/kg	730	220	5
Benzo(b)fluoranthene	900		ug/kg	550	150	5
Benzo(k)fluoranthene	410	J	ug/kg	550	150	5
Chrysene	650		ug/kg	550	95.	5
Acenaphthylene	ND		ug/kg	730	140	5
Anthracene	190	J	ug/kg	550	180	5
Benzo(ghi)perylene	520	J	ug/kg	730	110	5
Fluorene	ND		ug/kg	920	89.	5
Phenanthrene	820		ug/kg	550	110	5
Dibenzo(a,h)anthracene	120	J	ug/kg	550	100	5
Indeno(1,2,3-cd)pyrene	560	J	ug/kg	730	130	5
Pyrene	1100		ug/kg	550	91.	5
Biphenyl	ND		ug/kg	2100	120	5
4-Chloroaniline	ND		ug/kg	920	170	5
2-Nitroaniline	ND		ug/kg	920	180	5
3-Nitroaniline	ND		ug/kg	920	170	5
4-Nitroaniline	ND		ug/kg	920	380	5
Dibenzofuran	ND		ug/kg	920	87.	5
2-Methylnaphthalene	ND		ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	920	96.	5
Acetophenone	ND		ug/kg	920	110	5
2,4,6-Trichlorophenol	ND		ug/kg	550	170	5
p-Chloro-m-cresol	ND		ug/kg	920	140	5
2-Chlorophenol	ND		ug/kg	920	110	5
2,4-Dichlorophenol	ND		ug/kg	820	150	5
2,4-Dimethylphenol	ND		ug/kg	920	300	5
2-Nitrophenol	ND		ug/kg	2000	340	5
4-Nitrophenol	ND		ug/kg	1300	370	5
2,4-Dinitrophenol	ND		ug/kg	4400	430	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	440	5
Pentachlorophenol	ND		ug/kg	730	200	5
Phenol	ND		ug/kg	920	140	5
2-Methylphenol	ND		ug/kg	920	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-15 RE\D
Client ID: PDI007_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 07:51
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	920	180	5
Benzoic Acid	ND		ug/kg	3000	930	5
Benzyl Alcohol	ND		ug/kg	920	280	5
Carbazole	100	J	ug/kg	920	89.	5
1,4-Dioxane	ND		ug/kg	140	42.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**4**	Q	10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	**3**	Q	10-136
4-Terphenyl-d14	69		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-15 D
Client ID: PDI007_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 07:51
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/22/23 20:21
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	720	94.	5
1,2,4-Trichlorobenzene	ND		ug/kg	900	100	5
Hexachlorobenzene	ND		ug/kg	540	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	810	120	5
2-Chloronaphthalene	ND		ug/kg	900	90.	5
1,2-Dichlorobenzene	ND		ug/kg	900	160	5
1,3-Dichlorobenzene	ND		ug/kg	900	160	5
1,4-Dichlorobenzene	ND		ug/kg	900	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	900	240	5
2,4-Dinitrotoluene	ND		ug/kg	900	180	5
2,6-Dinitrotoluene	ND		ug/kg	900	150	5
Fluoranthene	1300		ug/kg	540	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	900	97.	5
4-Bromophenyl phenyl ether	ND		ug/kg	900	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	980	90.	5
Hexachlorobutadiene	ND		ug/kg	900	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	820	5
Hexachloroethane	ND		ug/kg	720	150	5
Isophorone	ND		ug/kg	810	120	5
Naphthalene	ND		ug/kg	900	110	5
Nitrobenzene	ND		ug/kg	810	130	5
NDPA/DPA	ND		ug/kg	720	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	900	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	900	310	5
Butyl benzyl phthalate	ND		ug/kg	900	230	5
Di-n-butylphthalate	ND		ug/kg	900	170	5
Di-n-octylphthalate	ND		ug/kg	900	310	5

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-15 D
Client ID: PDI007_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 07:51
Date Received: 02/15/23
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	900	84.	5
Dimethyl phthalate	ND		ug/kg	900	190	5
Benzo(a)anthracene	650		ug/kg	540	100	5
Benzo(a)pyrene	820		ug/kg	720	220	5
Benzo(b)fluoranthene	820		ug/kg	540	150	5
Benzo(k)fluoranthene	500	J	ug/kg	540	140	5
Chrysene	750		ug/kg	540	94.	5
Acenaphthylene	ND		ug/kg	720	140	5
Anthracene	ND		ug/kg	540	180	5
Benzo(ghi)perylene	450	J	ug/kg	720	110	5
Fluorene	ND		ug/kg	900	88.	5
Phenanthrene	640		ug/kg	540	110	5
Dibenzo(a,h)anthracene	150	J	ug/kg	540	100	5
Indeno(1,2,3-cd)pyrene	330	J	ug/kg	720	120	5
Pyrene	1100		ug/kg	540	90.	5
Biphenyl	ND		ug/kg	2000	120	5
4-Chloroaniline	ND		ug/kg	900	160	5
2-Nitroaniline	ND		ug/kg	900	170	5
3-Nitroaniline	ND		ug/kg	900	170	5
4-Nitroaniline	ND		ug/kg	900	370	5
Dibenzofuran	ND		ug/kg	900	85.	5
2-Methylnaphthalene	ND		ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	900	94.	5
Acetophenone	ND		ug/kg	900	110	5
2,4,6-Trichlorophenol	ND		ug/kg	540	170	5
p-Chloro-m-cresol	ND		ug/kg	900	130	5
2-Chlorophenol	ND		ug/kg	900	110	5
2,4-Dichlorophenol	ND		ug/kg	810	140	5
2,4-Dimethylphenol	ND		ug/kg	900	300	5
2-Nitrophenol	ND		ug/kg	2000	340	5
4-Nitrophenol	ND		ug/kg	1300	370	5
2,4-Dinitrophenol	ND		ug/kg	4300	420	5
4,6-Dinitro-o-cresol	ND		ug/kg	2300	430	5
Pentachlorophenol	ND		ug/kg	720	200	5
Phenol	ND		ug/kg	900	140	5
2-Methylphenol	ND		ug/kg	900	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-15 D
Client ID: PDI007_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 07:51
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	900	170	5
Benzoic Acid	ND		ug/kg	2900	910	5
Benzyl Alcohol	ND		ug/kg	900	280	5
Carbazole	ND		ug/kg	900	88.	5
1,4-Dioxane	ND		ug/kg	140	42.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**4**	Q	10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	75		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-16
Client ID: PDI007_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 07:55
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/22/23 20:38
Analyst: IM
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	170		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	160	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-16 Date Collected: 02/15/23 07:55

Client ID: PDI007_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	43.	1
Benzo(a)anthracene	84	J	ug/kg	120	23.	1
Benzo(a)pyrene	89	J	ug/kg	160	50.	1
Benzo(b)fluoranthene	74	J	ug/kg	120	35.	1
Benzo(k)fluoranthene	51	J	ug/kg	120	33.	1
Chrysene	88	J	ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	69	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	140		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	47	J	ug/kg	160	29.	1
Pyrene	150		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	46.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-16 Date Collected: 02/15/23 07:55

Client ID: PDI007_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	63.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	79		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-17 D
Client ID: PDI008_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 08:25
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/22/23 20:55
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	250	J	ug/kg	300	38.	2
1,2,4-Trichlorobenzene	ND		ug/kg	370	42.	2
Hexachlorobenzene	ND		ug/kg	220	42.	2
Bis(2-chloroethyl)ether	ND		ug/kg	330	50.	2
2-Chloronaphthalene	ND		ug/kg	370	37.	2
1,2-Dichlorobenzene	ND		ug/kg	370	67.	2
1,3-Dichlorobenzene	ND		ug/kg	370	64.	2
1,4-Dichlorobenzene	ND		ug/kg	370	65.	2
3,3'-Dichlorobenzidine	ND		ug/kg	370	99.	2
2,4-Dinitrotoluene	ND		ug/kg	370	74.	2
2,6-Dinitrotoluene	ND		ug/kg	370	64.	2
Fluoranthene	5500		ug/kg	220	43.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	370	40.	2
4-Bromophenyl phenyl ether	ND		ug/kg	370	57.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	450	64.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	400	37.	2
Hexachlorobutadiene	ND		ug/kg	370	54.	2
Hexachlorocyclopentadiene	ND		ug/kg	1100	340	2
Hexachloroethane	ND		ug/kg	300	60.	2
Isophorone	ND		ug/kg	330	48.	2
Naphthalene	190	J	ug/kg	370	45.	2
Nitrobenzene	ND		ug/kg	330	55.	2
NDPA/DPA	ND		ug/kg	300	42.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	370	57.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	370	130	2
Butyl benzyl phthalate	ND		ug/kg	370	94.	2
Di-n-butylphthalate	ND		ug/kg	370	70.	2
Di-n-octylphthalate	ND		ug/kg	370	130	2

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-17 D
Client ID: PDI008_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 08:25
Date Received: 02/15/23
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	370	34.	2
Dimethyl phthalate	ND		ug/kg	370	78.	2
Benzo(a)anthracene	2400		ug/kg	220	42.	2
Benzo(a)pyrene	3400		ug/kg	300	91.	2
Benzo(b)fluoranthene	3600		ug/kg	220	63.	2
Benzo(k)fluoranthene	1400		ug/kg	220	59.	2
Chrysene	2500		ug/kg	220	39.	2
Acenaphthylene	310		ug/kg	300	57.	2
Anthracene	940		ug/kg	220	72.	2
Benzo(ghi)perylene	1600		ug/kg	300	44.	2
Fluorene	220	J	ug/kg	370	36.	2
Phenanthrene	2600		ug/kg	220	45.	2
Dibenzo(a,h)anthracene	400		ug/kg	220	43.	2
Indeno(1,2,3-cd)pyrene	1400		ug/kg	300	52.	2
Pyrene	5900		ug/kg	220	37.	2
Biphenyl	ND		ug/kg	850	48.	2
4-Chloroaniline	ND		ug/kg	370	68.	2
2-Nitroaniline	ND		ug/kg	370	72.	2
3-Nitroaniline	ND		ug/kg	370	70.	2
4-Nitroaniline	ND		ug/kg	370	150	2
Dibenzofuran	140	J	ug/kg	370	35.	2
2-Methylnaphthalene	58	J	ug/kg	450	45.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	370	39.	2
Acetophenone	ND		ug/kg	370	46.	2
2,4,6-Trichlorophenol	ND		ug/kg	220	70.	2
p-Chloro-m-cresol	ND		ug/kg	370	55.	2
2-Chlorophenol	ND		ug/kg	370	44.	2
2,4-Dichlorophenol	ND		ug/kg	330	60.	2
2,4-Dimethylphenol	ND		ug/kg	370	120	2
2-Nitrophenol	ND		ug/kg	800	140	2
4-Nitrophenol	ND		ug/kg	520	150	2
2,4-Dinitrophenol	ND		ug/kg	1800	170	2
4,6-Dinitro-o-cresol	ND		ug/kg	970	180	2
Pentachlorophenol	ND		ug/kg	300	82.	2
Phenol	ND		ug/kg	370	56.	2
2-Methylphenol	ND		ug/kg	370	58.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	540	58.	2

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-17 D
Client ID: PDI008_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 08:25
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	370	71.	2
Benzoic Acid	ND		ug/kg	1200	380	2
Benzyl Alcohol	ND		ug/kg	370	110	2
Carbazole	340	J	ug/kg	370	36.	2
1,4-Dioxane	ND		ug/kg	56	17.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	66		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-18
Client ID: PDI008_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 08:25
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/22/23 21:11
Analyst: IM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	50	J	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	23.	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	68.	1

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-18 Date Collected: 02/15/23 08:25

Client ID: PDI008_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	28	J	ug/kg	120	22.	1
Benzo(a)pyrene	60	J	ug/kg	160	48.	1
Benzo(b)fluoranthene	48	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	30	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	240		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	40	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	38	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	170		ug/kg	160	28.	1
Pyrene	46	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	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	25.	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	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	93.	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	290	31.	1

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-18 Date Collected: 02/15/23 08:25

Client ID: PDI008_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	64		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-19 RE\D
Client ID: PDI009_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 08:55
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/24/23 12:44
Analyst: IM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/23/23 12:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	700	90.	5
1,2,4-Trichlorobenzene	ND		ug/kg	870	100	5
Hexachlorobenzene	ND		ug/kg	520	98.	5
Bis(2-chloroethyl)ether	ND		ug/kg	780	120	5
2-Chloronaphthalene	ND		ug/kg	870	86.	5
1,2-Dichlorobenzene	ND		ug/kg	870	160	5
1,3-Dichlorobenzene	ND		ug/kg	870	150	5
1,4-Dichlorobenzene	ND		ug/kg	870	150	5
3,3'-Dichlorobenzidine	ND		ug/kg	870	230	5
2,4-Dinitrotoluene	ND		ug/kg	870	170	5
2,6-Dinitrotoluene	ND		ug/kg	870	150	5
Fluoranthene	1400		ug/kg	520	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	870	93.	5
4-Bromophenyl phenyl ether	ND		ug/kg	870	130	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1000	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	940	87.	5
Hexachlorobutadiene	ND		ug/kg	870	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2500	790	5
Hexachloroethane	ND		ug/kg	700	140	5
Isophorone	ND		ug/kg	780	110	5
Naphthalene	ND		ug/kg	870	110	5
Nitrobenzene	ND		ug/kg	780	130	5
NDPA/DPA	ND		ug/kg	700	99.	5
n-Nitrosodi-n-propylamine	ND		ug/kg	870	130	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	870	300	5
Butyl benzyl phthalate	ND		ug/kg	870	220	5
Di-n-butylphthalate	ND		ug/kg	870	160	5
Di-n-octylphthalate	ND		ug/kg	870	300	5

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-19 RE\D
Client ID: PDI009_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 08:55
Date Received: 02/15/23
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	870	81.	5
Dimethyl phthalate	ND		ug/kg	870	180	5
Benzo(a)anthracene	420	J	ug/kg	520	98.	5
Benzo(a)pyrene	360	J	ug/kg	700	210	5
Benzo(b)fluoranthene	790		ug/kg	520	150	5
Benzo(k)fluoranthene	240	J	ug/kg	520	140	5
Chrysene	740		ug/kg	520	91.	5
Acenaphthylene	ND		ug/kg	700	130	5
Anthracene	ND		ug/kg	520	170	5
Benzo(ghi)perylene	300	J	ug/kg	700	100	5
Fluorene	ND		ug/kg	870	85.	5
Phenanthrene	880		ug/kg	520	110	5
Dibenzo(a,h)anthracene	ND		ug/kg	520	100	5
Indeno(1,2,3-cd)pyrene	330	J	ug/kg	700	120	5
Pyrene	1100		ug/kg	520	87.	5
Biphenyl	ND		ug/kg	2000	110	5
4-Chloroaniline	ND		ug/kg	870	160	5
2-Nitroaniline	ND		ug/kg	870	170	5
3-Nitroaniline	ND		ug/kg	870	160	5
4-Nitroaniline	ND		ug/kg	870	360	5
Dibenzofuran	ND		ug/kg	870	82.	5
2-Methylnaphthalene	ND		ug/kg	1000	100	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	870	91.	5
Acetophenone	ND		ug/kg	870	110	5
2,4,6-Trichlorophenol	ND		ug/kg	520	160	5
p-Chloro-m-cresol	ND		ug/kg	870	130	5
2-Chlorophenol	ND		ug/kg	870	100	5
2,4-Dichlorophenol	ND		ug/kg	780	140	5
2,4-Dimethylphenol	ND		ug/kg	870	290	5
2-Nitrophenol	ND		ug/kg	1900	330	5
4-Nitrophenol	ND		ug/kg	1200	360	5
2,4-Dinitrophenol	ND		ug/kg	4200	410	5
4,6-Dinitro-o-cresol	ND		ug/kg	2300	420	5
Pentachlorophenol	ND		ug/kg	700	190	5
Phenol	ND		ug/kg	870	130	5
2-Methylphenol	ND		ug/kg	870	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1200	140	5

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-19 RE\D
Client ID: PDI009_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 08:55
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	870	170	5
Benzoic Acid	ND		ug/kg	2800	880	5
Benzyl Alcohol	ND		ug/kg	870	270	5
Carbazole	ND		ug/kg	870	85.	5
1,4-Dioxane	ND		ug/kg	130	40.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	62		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-19 D
Client ID: PDI009_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 08:55
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/23/23 14:20
Analyst: IM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	700	91.	5
1,2,4-Trichlorobenzene	ND		ug/kg	880	100	5
Hexachlorobenzene	ND		ug/kg	530	98.	5
Bis(2-chloroethyl)ether	ND		ug/kg	790	120	5
2-Chloronaphthalene	ND		ug/kg	880	87.	5
1,2-Dichlorobenzene	ND		ug/kg	880	160	5
1,3-Dichlorobenzene	ND		ug/kg	880	150	5
1,4-Dichlorobenzene	ND		ug/kg	880	150	5
3,3'-Dichlorobenzidine	ND		ug/kg	880	230	5
2,4-Dinitrotoluene	ND		ug/kg	880	180	5
2,6-Dinitrotoluene	ND		ug/kg	880	150	5
Fluoranthene	1200		ug/kg	530	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	880	94.	5
4-Bromophenyl phenyl ether	ND		ug/kg	880	130	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1000	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	950	88.	5
Hexachlorobutadiene	ND		ug/kg	880	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2500	800	5
Hexachloroethane	ND		ug/kg	700	140	5
Isophorone	ND		ug/kg	790	110	5
Naphthalene	ND		ug/kg	880	110	5
Nitrobenzene	ND		ug/kg	790	130	5
NDPA/DPA	ND		ug/kg	700	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	880	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	880	300	5
Butyl benzyl phthalate	ND		ug/kg	880	220	5
Di-n-butylphthalate	ND		ug/kg	880	170	5
Di-n-octylphthalate	ND		ug/kg	880	300	5

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-19 D
Client ID: PDI009_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 08:55
Date Received: 02/15/23
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	880	81.	5
Dimethyl phthalate	ND		ug/kg	880	180	5
Benzo(a)anthracene	350	J	ug/kg	530	99.	5
Benzo(a)pyrene	280	J	ug/kg	700	210	5
Benzo(b)fluoranthene	620		ug/kg	530	150	5
Benzo(k)fluoranthene	220	J	ug/kg	530	140	5
Chrysene	560		ug/kg	530	91.	5
Acenaphthylene	ND		ug/kg	700	140	5
Anthracene	ND		ug/kg	530	170	5
Benzo(ghi)perylene	220	J	ug/kg	700	100	5
Fluorene	ND		ug/kg	880	85.	5
Phenanthrene	750		ug/kg	530	110	5
Dibenzo(a,h)anthracene	ND		ug/kg	530	100	5
Indeno(1,2,3-cd)pyrene	260	J	ug/kg	700	120	5
Pyrene	890		ug/kg	530	87.	5
Biphenyl	ND		ug/kg	2000	110	5
4-Chloroaniline	ND		ug/kg	880	160	5
2-Nitroaniline	ND		ug/kg	880	170	5
3-Nitroaniline	ND		ug/kg	880	160	5
4-Nitroaniline	ND		ug/kg	880	360	5
Dibenzofuran	ND		ug/kg	880	83.	5
2-Methylnaphthalene	ND		ug/kg	1000	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	880	92.	5
Acetophenone	ND		ug/kg	880	110	5
2,4,6-Trichlorophenol	ND		ug/kg	530	170	5
p-Chloro-m-cresol	ND		ug/kg	880	130	5
2-Chlorophenol	ND		ug/kg	880	100	5
2,4-Dichlorophenol	ND		ug/kg	790	140	5
2,4-Dimethylphenol	ND		ug/kg	880	290	5
2-Nitrophenol	ND		ug/kg	1900	330	5
4-Nitrophenol	ND		ug/kg	1200	360	5
2,4-Dinitrophenol	ND		ug/kg	4200	410	5
4,6-Dinitro-o-cresol	ND		ug/kg	2300	420	5
Pentachlorophenol	ND		ug/kg	700	190	5
Phenol	ND		ug/kg	880	130	5
2-Methylphenol	ND		ug/kg	880	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-19 D
Client ID: PDI009_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 08:55
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	880	170	5
Benzoic Acid	ND		ug/kg	2800	890	5
Benzyl Alcohol	ND		ug/kg	880	270	5
Carbazole	ND		ug/kg	880	85.	5
1,4-Dioxane	ND		ug/kg	130	40.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**1**	Q	10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	45		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-20
Client ID: PDI009_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 08:54
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/23/23 08:34
Analyst: LJG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		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	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		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	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		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	29.	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	64.	1

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-20 Date Collected: 02/15/23 08:54

Client ID: PDI009_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	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	23.	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	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-20 Date Collected: 02/15/23 08:54

Client ID: PDI009_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	63		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-21 D
Client ID: PDI010_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 09:56
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/23/23 10:16
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	470	J	ug/kg	1400	180	10
1,2,4-Trichlorobenzene	ND		ug/kg	1800	200	10
Hexachlorobenzene	ND		ug/kg	1100	200	10
Bis(2-chloroethyl)ether	ND		ug/kg	1600	240	10
2-Chloronaphthalene	ND		ug/kg	1800	180	10
1,2-Dichlorobenzene	ND		ug/kg	1800	320	10
1,3-Dichlorobenzene	ND		ug/kg	1800	310	10
1,4-Dichlorobenzene	ND		ug/kg	1800	310	10
3,3'-Dichlorobenzidine	ND		ug/kg	1800	470	10
2,4-Dinitrotoluene	ND		ug/kg	1800	360	10
2,6-Dinitrotoluene	ND		ug/kg	1800	300	10
Fluoranthene	10000		ug/kg	1100	200	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1800	190	10
4-Bromophenyl phenyl ether	ND		ug/kg	1800	270	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2100	300	10
Bis(2-chloroethoxy)methane	ND		ug/kg	1900	180	10
Hexachlorobutadiene	ND		ug/kg	1800	260	10
Hexachlorocyclopentadiene	ND		ug/kg	5100	1600	10
Hexachloroethane	ND		ug/kg	1400	290	10
Isophorone	ND		ug/kg	1600	230	10
Naphthalene	ND		ug/kg	1800	220	10
Nitrobenzene	ND		ug/kg	1600	260	10
NDPA/DPA	ND		ug/kg	1400	200	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1800	270	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1800	620	10
Butyl benzyl phthalate	ND		ug/kg	1800	450	10
Di-n-butylphthalate	ND		ug/kg	1800	340	10
Di-n-octylphthalate	ND		ug/kg	1800	600	10

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-21 D
Client ID: PDI010_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 09:56
Date Received: 02/15/23
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	1800	160	10
Dimethyl phthalate	ND		ug/kg	1800	370	10
Benzo(a)anthracene	4000		ug/kg	1100	200	10
Benzo(a)pyrene	4200		ug/kg	1400	430	10
Benzo(b)fluoranthene	6500		ug/kg	1100	300	10
Benzo(k)fluoranthene	1800		ug/kg	1100	280	10
Chrysene	5000		ug/kg	1100	180	10
Acenaphthylene	310	J	ug/kg	1400	270	10
Anthracene	1000	J	ug/kg	1100	350	10
Benzo(ghi)perylene	2800		ug/kg	1400	210	10
Fluorene	420	J	ug/kg	1800	170	10
Phenanthrene	6000		ug/kg	1100	220	10
Dibenzo(a,h)anthracene	610	J	ug/kg	1100	200	10
Indeno(1,2,3-cd)pyrene	3100		ug/kg	1400	250	10
Pyrene	7800		ug/kg	1100	180	10
Biphenyl	ND		ug/kg	4000	230	10
4-Chloroaniline	ND		ug/kg	1800	320	10
2-Nitroaniline	ND		ug/kg	1800	340	10
3-Nitroaniline	ND		ug/kg	1800	340	10
4-Nitroaniline	ND		ug/kg	1800	740	10
Dibenzofuran	340	J	ug/kg	1800	170	10
2-Methylnaphthalene	ND		ug/kg	2100	210	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1800	180	10
Acetophenone	ND		ug/kg	1800	220	10
2,4,6-Trichlorophenol	ND		ug/kg	1100	340	10
p-Chloro-m-cresol	ND		ug/kg	1800	260	10
2-Chlorophenol	ND		ug/kg	1800	210	10
2,4-Dichlorophenol	ND		ug/kg	1600	290	10
2,4-Dimethylphenol	ND		ug/kg	1800	590	10
2-Nitrophenol	ND		ug/kg	3800	670	10
4-Nitrophenol	ND		ug/kg	2500	720	10
2,4-Dinitrophenol	ND		ug/kg	8500	830	10
4,6-Dinitro-o-cresol	ND		ug/kg	4600	850	10
Pentachlorophenol	ND		ug/kg	1400	390	10
Phenol	ND		ug/kg	1800	270	10
2-Methylphenol	ND		ug/kg	1800	280	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2600	280	10

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-21 D
Client ID: PDI010_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 09:56
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1800	340	10
Benzoic Acid	ND		ug/kg	5800	1800	10
Benzyl Alcohol	ND		ug/kg	1800	540	10
Carbazole	1000	J	ug/kg	1800	170	10
1,4-Dioxane	ND		ug/kg	270	82.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	51		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	59		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-22
Client ID: PDI010_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 09:57
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/23/23 10:39
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	54	J	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	ND		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	660		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	42	J	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: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-22 Date Collected: 02/15/23 09:57

Client ID: PDI010_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	280		ug/kg	110	22.	1
Benzo(a)pyrene	250		ug/kg	150	47.	1
Benzo(b)fluoranthene	300		ug/kg	110	32.	1
Benzo(k)fluoranthene	110		ug/kg	110	30.	1
Chrysene	250		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	160		ug/kg	110	37.	1
Benzo(ghi)perylene	120	J	ug/kg	150	22.	1
Fluorene	74	J	ug/kg	190	18.	1
Phenanthrene	690		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	32	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	140	J	ug/kg	150	27.	1
Pyrene	500		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	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	64	J	ug/kg	190	18.	1
2-Methylnaphthalene	28	J	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	22.	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	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: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-22 Date Collected: 02/15/23 09:57

Client ID: PDI010_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	96	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	64		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-23 D
Client ID: DUP002
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 00:00
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/22/23 18:37
Analyst: LJG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	160	J	ug/kg	740	96.	5
1,2,4-Trichlorobenzene	ND		ug/kg	930	100	5
Hexachlorobenzene	ND		ug/kg	560	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	830	120	5
2-Chloronaphthalene	ND		ug/kg	930	92.	5
1,2-Dichlorobenzene	ND		ug/kg	930	170	5
1,3-Dichlorobenzene	ND		ug/kg	930	160	5
1,4-Dichlorobenzene	ND		ug/kg	930	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	930	250	5
2,4-Dinitrotoluene	ND		ug/kg	930	180	5
2,6-Dinitrotoluene	ND		ug/kg	930	160	5
Fluoranthene	2500		ug/kg	560	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	930	99.	5
4-Bromophenyl phenyl ether	ND		ug/kg	930	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	93.	5
Hexachlorobutadiene	ND		ug/kg	930	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	840	5
Hexachloroethane	ND		ug/kg	740	150	5
Isophorone	ND		ug/kg	830	120	5
Naphthalene	200	J	ug/kg	930	110	5
Nitrobenzene	ND		ug/kg	830	140	5
NDPA/DPA	ND		ug/kg	740	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	930	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	930	320	5
Butyl benzyl phthalate	ND		ug/kg	930	230	5
Di-n-butylphthalate	ND		ug/kg	930	180	5
Di-n-octylphthalate	ND		ug/kg	930	310	5

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-23 D
Client ID: DUP002
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 00:00
Date Received: 02/15/23
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	930	86.	5
Dimethyl phthalate	ND		ug/kg	930	190	5
Benzo(a)anthracene	1100		ug/kg	560	100	5
Benzo(a)pyrene	1300		ug/kg	740	230	5
Benzo(b)fluoranthene	1800		ug/kg	560	160	5
Benzo(k)fluoranthene	510	J	ug/kg	560	150	5
Chrysene	1100		ug/kg	560	96.	5
Acenaphthylene	150	J	ug/kg	740	140	5
Anthracene	490	J	ug/kg	560	180	5
Benzo(ghi)perylene	1300		ug/kg	740	110	5
Fluorene	170	J	ug/kg	930	90.	5
Phenanthrene	2300		ug/kg	560	110	5
Dibenzo(a,h)anthracene	220	J	ug/kg	560	110	5
Indeno(1,2,3-cd)pyrene	1200		ug/kg	740	130	5
Pyrene	2000		ug/kg	560	92.	5
Biphenyl	ND		ug/kg	2100	120	5
4-Chloroaniline	ND		ug/kg	930	170	5
2-Nitroaniline	ND		ug/kg	930	180	5
3-Nitroaniline	ND		ug/kg	930	170	5
4-Nitroaniline	ND		ug/kg	930	380	5
Dibenzofuran	190	J	ug/kg	930	88.	5
2-Methylnaphthalene	160	J	ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	930	97.	5
Acetophenone	ND		ug/kg	930	110	5
2,4,6-Trichlorophenol	ND		ug/kg	560	180	5
p-Chloro-m-cresol	ND		ug/kg	930	140	5
2-Chlorophenol	ND		ug/kg	930	110	5
2,4-Dichlorophenol	ND		ug/kg	830	150	5
2,4-Dimethylphenol	ND		ug/kg	930	300	5
2-Nitrophenol	ND		ug/kg	2000	350	5
4-Nitrophenol	ND		ug/kg	1300	380	5
2,4-Dinitrophenol	ND		ug/kg	4400	430	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	440	5
Pentachlorophenol	ND		ug/kg	740	200	5
Phenol	ND		ug/kg	930	140	5
2-Methylphenol	ND		ug/kg	930	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-23 D
Client ID: DUP002
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 00:00
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	930	180	5
Benzoic Acid	ND		ug/kg	3000	940	5
Benzyl Alcohol	ND		ug/kg	930	280	5
Carbazole	280	J	ug/kg	930	90.	5
1,4-Dioxane	ND		ug/kg	140	43.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		25-120
Phenol-d6	46		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	53		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-24
Client ID: EQUIP BLANK 002
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 07:15
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 02/20/23 17:41
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 02/18/23 18:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	ND		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: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-24 Date Collected: 02/15/23 07:15

Client ID: EQUIP BLANK 002 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	5.3	J	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	71		41-149

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-24
Client ID: EQUIP BLANK 002
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 07:15
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 02/19/23 16:51
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 02/18/23 20:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		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	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.08	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.08	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.03	J	ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.16		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	0.03	J	ug/l	0.10	0.01	1
Pyrene	0.10	J	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: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-24 Date Collected: 02/15/23 07:15

Client ID: EQUIP BLANK 002 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	53		10-120
Nitrobenzene-d5	111		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	117		10-120
4-Terphenyl-d14	81		41-149

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 02/19/23 16:01
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 02/18/23 05:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 24 Batch: WG1745914-1					
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	ND		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: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 02/19/23 16:01
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 02/18/23 05:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 24 Batch: WG1745914-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	111		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	106		10-120
4-Terphenyl-d14	81		41-149

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/19/23 13:53
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 02/18/23 05:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 24 Batch: WG1745915-1					
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: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/19/23 13:53
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 02/18/23 05:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 24 Batch: WG1745915-1					
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: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/19/23 13:53
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 02/18/23 05:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 24 Batch: WG1745915-1					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	78		41-149

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/19/23 14:40
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 02/18/23 14:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21-23 Batch: WG1746034-1					
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: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/19/23 14:40
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 02/18/23 14:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21-23 Batch: WG1746034-1					
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	21.
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: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/19/23 14:40
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 02/18/23 14:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21-23 Batch: WG1746034-1					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	71		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/22/23 10:38
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-20 Batch: WG1746104-1					
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	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
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	17.
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	56.
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: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/22/23 10:38
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-20 Batch: WG1746104-1					
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	21.
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	15.
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	61.

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/22/23 10:38
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 02/19/23 05:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-20 Batch: WG1746104-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	48		10-136
4-Terphenyl-d14	66		18-120

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/24/23 09:37
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 02/23/23 12:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 15,19 Batch: WG1747848-1					
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	28.
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: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/24/23 09:37
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 02/23/23 12:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 15,19 Batch: WG1747848-1					
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	21.
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	15.
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: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/24/23 09:37
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 02/23/23 12:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 15,19 Batch: WG1747848-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	91		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	97		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308197

Report Date: 02/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 24 Batch: WG1745914-2 WG1745914-3								
Acenaphthene	64		72		40-140	12		40
2-Chloronaphthalene	66		75		40-140	13		40
Fluoranthene	74		78		40-140	5		40
Hexachlorobutadiene	66		78		40-140	17		40
Naphthalene	60		70		40-140	15		40
Benzo(a)anthracene	79		84		40-140	6		40
Benzo(a)pyrene	77		83		40-140	8		40
Benzo(b)fluoranthene	78		81		40-140	4		40
Benzo(k)fluoranthene	79		87		40-140	10		40
Chrysene	74		81		40-140	9		40
Acenaphthylene	70		78		40-140	11		40
Anthracene	71		78		40-140	9		40
Benzo(ghi)perylene	76		82		40-140	8		40
Fluorene	68		76		40-140	11		40
Phenanthrene	69		77		40-140	11		40
Dibenzo(a,h)anthracene	82		88		40-140	7		40
Indeno(1,2,3-cd)pyrene	83		92		40-140	10		40
Pyrene	74		78		40-140	5		40
2-Methylnaphthalene	63		73		40-140	15		40
Pentachlorophenol	57		57		40-140	0		40
Hexachlorobenzene	79		92		40-140	15		40
Hexachloroethane	62		77		40-140	22		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 24 Batch: WG1745914-2 WG1745914-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	53		62		21-120
Phenol-d6	48		55		10-120
Nitrobenzene-d5	94		111		23-120
2-Fluorobiphenyl	67		76		15-120
2,4,6-Tribromophenol	**128**	Q	**134**	Q	10-120
4-Terphenyl-d14	78		84		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24 Batch: WG1745915-2 WG1745915-3								
Acenaphthene	54		53		37-111	2		30
1,2,4-Trichlorobenzene	60		62		39-98	3		30
Hexachlorobenzene	61		60		40-140	2		30
Bis(2-chloroethyl)ether	48		52		40-140	8		30
2-Chloronaphthalene	58		59		40-140	2		30
1,2-Dichlorobenzene	49		54		40-140	10		30
1,3-Dichlorobenzene	47		52		40-140	10		30
1,4-Dichlorobenzene	49		51		36-97	4		30
3,3'-Dichlorobenzidine	**33**	Q	**39**	Q	40-140	17		30
2,4-Dinitrotoluene	71		68		48-143	4		30
2,6-Dinitrotoluene	71		76		40-140	7		30
Fluoranthene	67		65		40-140	3		30
4-Chlorophenyl phenyl ether	66		64		40-140	3		30
4-Bromophenyl phenyl ether	68		63		40-140	8		30
Bis(2-chloroisopropyl)ether	56		59		40-140	5		30
Bis(2-chloroethoxy)methane	51		51		40-140	0		30
Hexachlorobutadiene	58		63		40-140	8		30
Hexachlorocyclopentadiene	60		65		40-140	8		30
Hexachloroethane	45		52		40-140	14		30
Isophorone	52		51		40-140	2		30
Naphthalene	51		55		40-140	8		30
Nitrobenzene	52		57		40-140	9		30
NDPA/DPA	63		63		40-140	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24 Batch: WG1745915-2 WG1745915-3								
n-Nitrosodi-n-propylamine	52		51		29-132	2		30
Bis(2-ethylhexyl)phthalate	61		57		40-140	7		30
Butyl benzyl phthalate	64		61		40-140	5		30
Di-n-butylphthalate	60		57		40-140	5		30
Di-n-octylphthalate	58		56		40-140	4		30
Diethyl phthalate	59		58		40-140	2		30
Dimethyl phthalate	67		65		40-140	3		30
Benzo(a)anthracene	64		61		40-140	5		30
Benzo(a)pyrene	61		61		40-140	0		30
Benzo(b)fluoranthene	57		59		40-140	3		30
Benzo(k)fluoranthene	65		63		40-140	3		30
Chrysene	60		59		40-140	2		30
Acenaphthylene	62		63		45-123	2		30
Anthracene	60		61		40-140	2		30
Benzo(ghi)perylene	58		56		40-140	4		30
Fluorene	63		60		40-140	5		30
Phenanthrene	59		57		40-140	3		30
Dibenzo(a,h)anthracene	60		59		40-140	2		30
Indeno(1,2,3-cd)pyrene	68		68		40-140	0		30
Pyrene	67		64		26-127	5		30
Biphenyl	68		72		40-140	6		30
4-Chloroaniline	53		49		40-140	8		30
2-Nitroaniline	66		64		52-143	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24 Batch: WG1745915-2 WG1745915-3								
3-Nitroaniline	38		52		25-145	**31**	Q	30
4-Nitroaniline	62		59		51-143	5		30
Dibenzofuran	59		60		40-140	2		30
2-Methylnaphthalene	54		59		40-140	9		30
1,2,4,5-Tetrachlorobenzene	69		76		2-134	10		30
Acetophenone	56		62		39-129	10		30
2,4,6-Trichlorophenol	83		80		30-130	4		30
p-Chloro-m-cresol	64		59		23-97	8		30
2-Chlorophenol	55		59		27-123	7		30
2,4-Dichlorophenol	71		72		30-130	1		30
2,4-Dimethylphenol	56		31		30-130	**57**	Q	30
2-Nitrophenol	78		82		30-130	5		30
4-Nitrophenol	61		54		10-80	12		30
2,4-Dinitrophenol	**132**	Q	115		20-130	14		30
4,6-Dinitro-o-cresol	126		123		20-164	2		30
Pentachlorophenol	94		85		9-103	10		30
Phenol	40		39		12-110	3		30
2-Methylphenol	53		52		30-130	2		30
3-Methylphenol/4-Methylphenol	56		56		30-130	0		30
2,4,5-Trichlorophenol	75		78		30-130	4		30
Benzoic Acid	79		79		10-164	0		30
Benzyl Alcohol	51		53		26-116	4		30
Carbazole	62		60		55-144	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308197

Report Date: 02/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24 Batch: WG1745915-2 WG1745915-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	46		48		21-120
Phenol-d6	40		41		10-120
Nitrobenzene-d5	55		52		23-120
2-Fluorobiphenyl	60		64		15-120
2,4,6-Tribromophenol	73		71		10-120
4-Terphenyl-d14	71		72		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-23 Batch: WG1746034-2 WG1746034-3								
Acenaphthene	68		74		31-137	8		50
1,2,4-Trichlorobenzene	70		76		38-107	8		50
Hexachlorobenzene	81		89		40-140	9		50
Bis(2-chloroethyl)ether	58		62		40-140	7		50
2-Chloronaphthalene	77		82		40-140	6		50
1,2-Dichlorobenzene	63		68		40-140	8		50
1,3-Dichlorobenzene	64		68		40-140	6		50
1,4-Dichlorobenzene	64		69		28-104	8		50
3,3'-Dichlorobenzidine	52		53		40-140	2		50
2,4-Dinitrotoluene	76		82		40-132	8		50
2,6-Dinitrotoluene	78		85		40-140	9		50
Fluoranthene	74		79		40-140	7		50
4-Chlorophenyl phenyl ether	75		82		40-140	9		50
4-Bromophenyl phenyl ether	79		87		40-140	10		50
Bis(2-chloroisopropyl)ether	61		64		40-140	5		50
Bis(2-chloroethoxy)methane	56		59		40-117	5		50
Hexachlorobutadiene	79		84		40-140	6		50
Hexachlorocyclopentadiene	73		78		40-140	7		50
Hexachloroethane	58		63		40-140	8		50
Isophorone	50		53		40-140	6		50
Naphthalene	68		73		40-140	7		50
Nitrobenzene	51		54		40-140	6		50
NDPA/DPA	75		82		36-157	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308197

Report Date: 02/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-23 Batch: WG1746034-2 WG1746034-3								
n-Nitrosodi-n-propylamine	51		54		32-121	6		50
Bis(2-ethylhexyl)phthalate	67		71		40-140	6		50
Butyl benzyl phthalate	66		70		40-140	6		50
Di-n-butylphthalate	68		73		40-140	7		50
Di-n-octylphthalate	67		69		40-140	3		50
Diethyl phthalate	69		74		40-140	7		50
Dimethyl phthalate	74		82		40-140	10		50
Benzo(a)anthracene	72		77		40-140	7		50
Benzo(a)pyrene	78		81		40-140	4		50
Benzo(b)fluoranthene	77		82		40-140	6		50
Benzo(k)fluoranthene	75		77		40-140	3		50
Chrysene	73		76		40-140	4		50
Acenaphthylene	77		85		40-140	10		50
Anthracene	73		77		40-140	5		50
Benzo(ghi)perylene	71		76		40-140	7		50
Fluorene	73		79		40-140	8		50
Phenanthrene	70		75		40-140	7		50
Dibenzo(a,h)anthracene	71		76		40-140	7		50
Indeno(1,2,3-cd)pyrene	80		84		40-140	5		50
Pyrene	74		80		35-142	8		50
Biphenyl	71		77		37-127	8		50
4-Chloroaniline	53		58		40-140	9		50
2-Nitroaniline	72		76		47-134	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-23 Batch: WG1746034-2 WG1746034-3								
3-Nitroaniline	54		57		26-129	5		50
4-Nitroaniline	69		74		41-125	7		50
Dibenzofuran	75		80		40-140	6		50
2-Methylnaphthalene	70		75		40-140	7		50
1,2,4,5-Tetrachlorobenzene	79		86		40-117	8		50
Acetophenone	56		59		14-144	5		50
2,4,6-Trichlorophenol	84		92		30-130	9		50
p-Chloro-m-cresol	66		72		26-103	9		50
2-Chlorophenol	65		69		25-102	6		50
2,4-Dichlorophenol	72		77		30-130	7		50
2,4-Dimethylphenol	55		58		30-130	5		50
2-Nitrophenol	62		66		30-130	6		50
4-Nitrophenol	62		62		11-114	0		50
2,4-Dinitrophenol	70		77		4-130	10		50
4,6-Dinitro-o-cresol	75		82		10-130	9		50
Pentachlorophenol	84		93		17-109	10		50
Phenol	60		63		26-90	5		50
2-Methylphenol	60		63		30-130.	5		50
3-Methylphenol/4-Methylphenol	65		68		30-130	5		50
2,4,5-Trichlorophenol	86		94		30-130	9		50
Benzoic Acid	35		37		10-110	6		50
Benzyl Alcohol	54		57		40-140	5		50
Carbazole	71		76		54-128	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308197

Report Date: 02/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-23 Batch: WG1746034-2 WG1746034-3								
1,4-Dioxane	40		43		40-140	7		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	66		69		25-120
Phenol-d6	63		65		10-120
Nitrobenzene-d5	53		55		23-120
2-Fluorobiphenyl	78		84		30-120
2,4,6-Tribromophenol	79		85		10-136
4-Terphenyl-d14	73		77		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 Batch: WG1746104-2 WG1746104-3								
Acenaphthene	78		75		31-137	4		50
1,2,4-Trichlorobenzene	72		70		38-107	3		50
Hexachlorobenzene	73		69		40-140	6		50
Bis(2-chloroethyl)ether	81		80		40-140	1		50
2-Chloronaphthalene	79		77		40-140	3		50
1,2-Dichlorobenzene	68		67		40-140	1		50
1,3-Dichlorobenzene	67		66		40-140	2		50
1,4-Dichlorobenzene	65		66		28-104	2		50
3,3'-Dichlorobenzidine	53		55		40-140	4		50
2,4-Dinitrotoluene	78		75		40-132	4		50
2,6-Dinitrotoluene	78		76		40-140	3		50
Fluoranthene	77		79		40-140	3		50
4-Chlorophenyl phenyl ether	76		72		40-140	5		50
4-Bromophenyl phenyl ether	71		69		40-140	3		50
Bis(2-chloroisopropyl)ether	91		87		40-140	4		50
Bis(2-chloroethoxy)methane	87		86		40-117	1		50
Hexachlorobutadiene	73		69		40-140	6		50
Hexachlorocyclopentadiene	**20**	Q	**20**	Q	40-140	0		50
Hexachloroethane	74		75		40-140	1		50
Isophorone	88		85		40-140	3		50
Naphthalene	72		70		40-140	3		50
Nitrobenzene	86		82		40-140	5		50
NDPA/DPA	76		76		36-157	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 Batch: WG1746104-2 WG1746104-3								
n-Nitrosodi-n-propylamine	92		90		32-121	2		50
Bis(2-ethylhexyl)phthalate	96		96		40-140	0		50
Butyl benzyl phthalate	78		83		40-140	6		50
Di-n-butylphthalate	90		89		40-140	1		50
Di-n-octylphthalate	94		97		40-140	3		50
Diethyl phthalate	81		80		40-140	1		50
Dimethyl phthalate	80		78		40-140	3		50
Benzo(a)anthracene	78		78		40-140	0		50
Benzo(a)pyrene	75		83		40-140	10		50
Benzo(b)fluoranthene	69		82		40-140	17		50
Benzo(k)fluoranthene	76		75		40-140	1		50
Chrysene	77		78		40-140	1		50
Acenaphthylene	86		84		40-140	2		50
Anthracene	85		84		40-140	1		50
Benzo(ghi)perylene	78		77		40-140	1		50
Fluorene	77		75		40-140	3		50
Phenanthrene	81		81		40-140	0		50
Dibenzo(a,h)anthracene	77		78		40-140	1		50
Indeno(1,2,3-cd)pyrene	86		85		40-140	1		50
Pyrene	77		78		35-142	1		50
Biphenyl	77		74		37-127	4		50
4-Chloroaniline	42		**38**	Q	40-140	10		50
2-Nitroaniline	77		74		47-134	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 Batch: WG1746104-2 WG1746104-3								
3-Nitroaniline	50		50		26-129	0		50
4-Nitroaniline	66		70		41-125	6		50
Dibenzofuran	77		75		40-140	3		50
2-Methylnaphthalene	75		72		40-140	4		50
1,2,4,5-Tetrachlorobenzene	80		78		40-117	3		50
Acetophenone	90		88		14-144	2		50
2,4,6-Trichlorophenol	81		74		30-130	9		50
p-Chloro-m-cresol	86		82		26-103	5		50
2-Chlorophenol	75		70		25-102	7		50
2,4-Dichlorophenol	81		79		30-130	3		50
2,4-Dimethylphenol	72		72		30-130	0		50
2-Nitrophenol	80		79		30-130	1		50
4-Nitrophenol	87		87		11-114	0		50
2,4-Dinitrophenol	47		44		4-130	7		50
4,6-Dinitro-o-cresol	60		61		10-130	2		50
Pentachlorophenol	40		44		17-109	10		50
Phenol	75		70		26-90	7		50
2-Methylphenol	77		72		30-130.	7		50
3-Methylphenol/4-Methylphenol	78		74		30-130	5		50
2,4,5-Trichlorophenol	71		74		30-130	4		50
Benzoic Acid	37		35		10-110	6		50
Benzyl Alcohol	83		80		40-140	4		50
Carbazole	78		81		54-128	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 Batch: WG1746104-2 WG1746104-3								
1,4-Dioxane	54		55		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	76		76		25-120
Phenol-d6	80		80		10-120
Nitrobenzene-d5	84		83		23-120
2-Fluorobiphenyl	80		76		30-120
2,4,6-Tribromophenol	72		67		10-136
4-Terphenyl-d14	72		74		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308197

Report Date: 02/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 15,19 Batch: WG1747848-2 WG1747848-3								
Acenaphthene	69		80		31-137	15		50
1,2,4-Trichlorobenzene	71		86		38-107	19		50
Hexachlorobenzene	77		88		40-140	13		50
Bis(2-chloroethyl)ether	59		72		40-140	20		50
2-Chloronaphthalene	75		88		40-140	16		50
1,2-Dichlorobenzene	66		79		40-140	18		50
1,3-Dichlorobenzene	64		78		40-140	20		50
1,4-Dichlorobenzene	64		76		28-104	17		50
3,3'-Dichlorobenzidine	57		62		40-140	8		50
2,4-Dinitrotoluene	77		88		40-132	13		50
2,6-Dinitrotoluene	81		92		40-140	13		50
Fluoranthene	76		86		40-140	12		50
4-Chlorophenyl phenyl ether	75		88		40-140	16		50
4-Bromophenyl phenyl ether	79		92		40-140	15		50
Bis(2-chloroisopropyl)ether	**33**	Q	40		40-140	19		50
Bis(2-chloroethoxy)methane	64		76		40-117	17		50
Hexachlorobutadiene	68		78		40-140	14		50
Hexachlorocyclopentadiene	73		87		40-140	18		50
Hexachloroethane	52		62		40-140	18		50
Isophorone	63		75		40-140	17		50
Naphthalene	70		80		40-140	13		50
Nitrobenzene	62		74		40-140	18		50
NDPA/DPA	78		90		36-157	14		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308197

Report Date: 02/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 15,19 Batch: WG1747848-2 WG1747848-3								
n-Nitrosodi-n-propylamine	59		72		32-121	20		50
Bis(2-ethylhexyl)phthalate	66		73		40-140	10		50
Butyl benzyl phthalate	69		77		40-140	11		50
Di-n-butylphthalate	66		75		40-140	13		50
Di-n-octylphthalate	69		78		40-140	12		50
Diethyl phthalate	67		77		40-140	14		50
Dimethyl phthalate	75		85		40-140	13		50
Benzo(a)anthracene	75		85		40-140	13		50
Benzo(a)pyrene	84		96		40-140	13		50
Benzo(b)fluoranthene	80		93		40-140	15		50
Benzo(k)fluoranthene	84		95		40-140	12		50
Chrysene	73		82		40-140	12		50
Acenaphthylene	77		90		40-140	16		50
Anthracene	72		83		40-140	14		50
Benzo(ghi)perylene	74		87		40-140	16		50
Fluorene	73		86		40-140	16		50
Phenanthrene	71		81		40-140	13		50
Dibenzo(a,h)anthracene	76		89		40-140	16		50
Indeno(1,2,3-cd)pyrene	85		100		40-140	16		50
Pyrene	75		84		35-142	11		50
Biphenyl	77		90		37-127	16		50
4-Chloroaniline	53		53		40-140	0		50
2-Nitroaniline	81		93		47-134	14		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308197

Report Date: 02/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 15,19 Batch: WG1747848-2 WG1747848-3								
3-Nitroaniline	56		64		26-129	13		50
4-Nitroaniline	75		86		41-125	14		50
Dibenzofuran	74		86		40-140	15		50
2-Methylnaphthalene	75		85		40-140	13		50
1,2,4,5-Tetrachlorobenzene	83		95		40-117	13		50
Acetophenone	70		83		14-144	17		50
2,4,6-Trichlorophenol	86		99		30-130	14		50
p-Chloro-m-cresol	74		83		26-103	11		50
2-Chlorophenol	68		82		25-102	19		50
2,4-Dichlorophenol	78		92		30-130	16		50
2,4-Dimethylphenol	68		81		30-130	17		50
2-Nitrophenol	72		87		30-130	19		50
4-Nitrophenol	67		75		11-114	11		50
2,4-Dinitrophenol	72		79		4-130	9		50
4,6-Dinitro-o-cresol	87		98		10-130	12		50
Pentachlorophenol	80		91		17-109	13		50
Phenol	73		89		26-90	20		50
2-Methylphenol	74		89		30-130.	18		50
3-Methylphenol/4-Methylphenol	74		91		30-130	21		50
2,4,5-Trichlorophenol	90		106		30-130	16		50
Benzoic Acid	46		41		10-110	11		50
Benzyl Alcohol	69		84		40-140	20		50
Carbazole	75		85		54-128	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 15,19 Batch: WG1747848-2 WG1747848-3								
1,4-Dioxane	41		50		40-140	20		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	69		85		25-120
Phenol-d6	75		89		10-120
Nitrobenzene-d5	63		77		23-120
2-Fluorobiphenyl	79		91		30-120
2,4,6-Tribromophenol	80		92		10-136
4-Terphenyl-d14	77		87		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202
Lab Number: L2308197
Report Date: 02/24/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG1746104-4 WG1746104-5 QC Sample: L2308197-03 Client ID: PDI012_5												
Acenaphthene	ND	1450	1100	76		1100	76		31-137	0		50
1,2,4-Trichlorobenzene	ND	1450	1000	69		940	65		38-107	6		50
Hexachlorobenzene	ND	1450	1100	76		980	68		40-140	12		50
Bis(2-chloroethyl)ether	ND	1450	1200	83		1100	76		40-140	9		50
2-Chloronaphthalene	ND	1450	1200	83		980	68		40-140	20		50
1,2-Dichlorobenzene	ND	1450	1000	69		940	65		40-140	6		50
1,3-Dichlorobenzene	ND	1450	1000	69		950	66		40-140	5		50
1,4-Dichlorobenzene	ND	1450	1000	69		910	63		28-104	9		50
3,3'-Dichlorobenzidine	ND	1450	1000	69		980	68		40-140	2		50
2,4-Dinitrotoluene	ND	1450	1100	76		1000	69		40-132	10		50
2,6-Dinitrotoluene	ND	1450	1000	69		920	64		40-140	8		50
Fluoranthene	ND	1450	1200	83		1200	83		40-140	0		50
4-Chlorophenyl phenyl ether	ND	1450	1100	76		1000	69		40-140	10		50
4-Bromophenyl phenyl ether	ND	1450	1100	76		1000	69		40-140	10		50
Bis(2-chloroisopropyl)ether	ND	1450	1300	90		1200	83		40-140	8		50
Bis(2-chloroethoxy)methane	ND	1450	1200	83		1100	76		40-117	9		50
Hexachlorobutadiene	ND	1450	1100	76		970	67		40-140	13		50
Hexachlorocyclopentadiene	ND	1450	ND	**0**	Q	ND	**0**	Q	40-140	NC		50
Hexachloroethane	ND	1450	1000	69		990	69		40-140	1		50
Isophorone	ND	1450	1300	90		1200	83		40-140	8		50
Naphthalene	ND	1450	1100	76		970	67		40-140	13		50
Nitrobenzene	ND	1450	1200	83		1100	76		40-140	9		50
NDPA/DPA	ND	1450	1100	76		1100	76		36-157	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202
Lab Number: L2308197
Report Date: 02/24/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG1746104-4 WG1746104-5 QC Sample: L2308197-03 Client ID: PDI012_5												
n-Nitrosodi-n-propylamine	ND	1450	1300	90		1200	83		32-121	8		50
Bis(2-ethylhexyl)phthalate	ND	1450	1300	90		1300	90		40-140	0		50
Butyl benzyl phthalate	ND	1450	1400	97		1300	90		40-140	7		50
Di-n-butylphthalate	ND	1450	1300	90		1300	90		40-140	0		50
Di-n-octylphthalate	ND	1450	1400	97		1300	90		40-140	7		50
Diethyl phthalate	ND	1450	1200	83		1200	83		40-140	0		50
Dimethyl phthalate	ND	1450	1200	83		1000	69		40-140	18		50
Benzo(a)anthracene	ND	1450	1200	83		1100	76		40-140	9		50
Benzo(a)pyrene	ND	1450	1200	83		1200	83		40-140	0		50
Benzo(b)fluoranthene	ND	1450	1000	69		1000	69		40-140	0		50
Benzo(k)fluoranthene	ND	1450	1100	76		1100	76		40-140	0		50
Chrysene	ND	1450	1100	76		1100	76		40-140	0		50
Acenaphthylene	ND	1450	1300	90		1000	69		40-140	26		50
Anthracene	ND	1450	1300	90		1200	83		40-140	8		50
Benzo(ghi)perylene	ND	1450	1100	76		1100	76		40-140	0		50
Fluorene	ND	1450	1100	76		1100	76		40-140	0		50
Phenanthrene	ND	1450	1200	83		1200	83		40-140	0		50
Dibenzo(a,h)anthracene	ND	1450	1100	76		1100	76		40-140	0		50
Indeno(1,2,3-cd)pyrene	ND	1450	1200	83		1200	83		40-140	0		50
Pyrene	ND	1450	1300	90		1200	83		35-142	8		50
Biphenyl	ND	1450	1100	76		970	67		37-127	13		50
4-Chloroaniline	ND	1450	660	46		520	**36**	Q	40-140	24		50
2-Nitroaniline	ND	1450	1200	83		990	69		47-134	19		50

Matrix Spike Analysis

Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202
Lab Number: L2308197
Report Date: 02/24/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG1746104-4 WG1746104-5 QC Sample: L2308197-03 Client ID: PDI012_5												
3-Nitroaniline	ND	1450	1100	76		1000	69		26-129	10		50
4-Nitroaniline	ND	1450	1200	83		1100	76		41-125	9		50
Dibenzofuran	ND	1450	1100	76		1100	76		40-140	0		50
2-Methylnaphthalene	ND	1450	1100	76		960	67		40-140	14		50
1,2,4,5-Tetrachlorobenzene	ND	1450	1200	83		1000	69		40-117	18		50
Acetophenone	ND	1450	1300	90		1200	83		14-144	8		50
2,4,6-Trichlorophenol	ND	1450	1200	83		1000	69		30-130	18		50
p-Chloro-m-cresol	ND	1450	1300	90		1100	76		26-103	17		50
2-Chlorophenol	ND	1450	1000	69		960	67		25-102	4		50
2,4-Dichlorophenol	ND	1450	1100	76		1000	69		30-130	10		50
2,4-Dimethylphenol	ND	1450	980	68		910	63		30-130	7		50
2-Nitrophenol	ND	1450	1100	76		960	67		30-130	14		50
4-Nitrophenol	ND	1450	1200	83		1200	83		11-114	0		50
2,4-Dinitrophenol	ND	1450	ND	**0**	Q	ND	**0**	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1450	260J	18		230J	16		10-130	12		50
Pentachlorophenol	ND	1450	760	53		690	48		17-109	10		50
Phenol	ND	1450	1100	76		1000	69		26-90	10		50
2-Methylphenol	ND	1450	1100	76		940	65		30-130.	16		50
3-Methylphenol/4-Methylphenol	ND	1450	1100	76		990	69		30-130	11		50
2,4,5-Trichlorophenol	ND	1450	1100	76		900	62		30-130	20		50
Benzoic Acid	ND	1450	ND	**0**	Q	ND	**0**	Q	10-110	NC		50
Benzyl Alcohol	ND	1450	1200	83		1100	76		40-140	9		50
Carbazole	ND	1450	1200	83		1200	83		54-128	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202
Lab Number: L2308197
Report Date: 02/24/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG1746104-4 WG1746104-5 QC Sample: L2308197-03 Client ID: PDI012_5												
1,4-Dioxane	ND	1450	800	55		750	52		40-140	6		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	77		71		10-136
2-Fluorobiphenyl	79		69		30-120
2-Fluorophenol	78		72		25-120
4-Terphenyl-d14	82		75		18-120
Nitrobenzene-d5	86		76		23-120
Phenol-d6	78		70		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308197

Report Date: 02/24/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG1746104-6 WG1746104-7 QC Sample: L2308197-09 Client ID: PDI020_3												
Acenaphthene	ND	1480	1300	88		1100	75		31-137	17		50
1,2,4-Trichlorobenzene	ND	1480	1200	81		1100	75		38-107	9		50
Hexachlorobenzene	ND	1480	1100	74		990	68		40-140	11		50
Bis(2-chloroethyl)ether	ND	1480	1300	88		1200	82		40-140	8		50
2-Chloronaphthalene	ND	1480	1200	81		1100	75		40-140	9		50
1,2-Dichlorobenzene	ND	1480	1100	74		1000	68		40-140	10		50
1,3-Dichlorobenzene	ND	1480	1100	74		950	65		40-140	15		50
1,4-Dichlorobenzene	ND	1480	1100	74		980	67		28-104	12		50
3,3'-Dichlorobenzidine	ND	1480	820	55		750	51		40-140	9		50
2,4-Dinitrotoluene	ND	1480	880	59		740	51		40-132	17		50
2,6-Dinitrotoluene	ND	1480	860	58		740	51		40-140	15		50
Fluoranthene	71J	1480	1300	88		1200	82		40-140	8		50
4-Chlorophenyl phenyl ether	ND	1480	1200	81		1000	68		40-140	18		50
4-Bromophenyl phenyl ether	ND	1480	1200	81		990	68		40-140	19		50
Bis(2-chloroisopropyl)ether	ND	1480	1500	100		1300	89		40-140	14		50
Bis(2-chloroethoxy)methane	ND	1480	1500	100		1300	89		40-117	14		50
Hexachlorobutadiene	ND	1480	1100	74		940	64		40-140	16		50
Hexachlorocyclopentadiene	ND	1480	ND	**0**	Q	ND	**0**	Q	40-140	NC		50
Hexachloroethane	ND	1480	850	57		680	46		40-140	22		50
Isophorone	ND	1480	1500	100		1300	89		40-140	14		50
Naphthalene	ND	1480	1100	74		1000	68		40-140	10		50
Nitrobenzene	ND	1480	1400	94		1300	89		40-140	7		50
NDPA/DPA	ND	1480	1300	88		1100	75		36-157	17		50

Matrix Spike Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308197

Report Date: 02/24/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG1746104-6 WG1746104-7 QC Sample: L2308197-09 Client ID: PDI020_3												
n-Nitrosodi-n-propylamine	ND	1480	1600	110		1400	96		32-121	13		50
Bis(2-ethylhexyl)phthalate	ND	1480	1500	100		1300	89		40-140	14		50
Butyl benzyl phthalate	ND	1480	1300	88		1200	82		40-140	8		50
Di-n-butylphthalate	ND	1480	1400	94		1300	89		40-140	7		50
Di-n-octylphthalate	ND	1480	1500	100		1300	89		40-140	14		50
Diethyl phthalate	ND	1480	1300	88		1200	82		40-140	8		50
Dimethyl phthalate	ND	1480	1200	81		1100	75		40-140	9		50
Benzo(a)anthracene	38J	1480	1300	88		1100	75		40-140	17		50
Benzo(a)pyrene	ND	1480	1300	88		1200	82		40-140	8		50
Benzo(b)fluoranthene	48J	1480	1300	88		1000	68		40-140	26		50
Benzo(k)fluoranthene	ND	1480	1200	81		1200	82		40-140	0		50
Chrysene	38J	1480	1200	81		1100	75		40-140	9		50
Acenaphthylene	ND	1480	1300	88		1200	82		40-140	8		50
Anthracene	ND	1480	1300	88		1200	82		40-140	8		50
Benzo(ghi)perylene	46J	1480	1100	74		1100	75		40-140	0		50
Fluorene	ND	1480	1300	88		1100	75		40-140	17		50
Phenanthrene	50J	1480	1300	88		1200	82		40-140	8		50
Dibenzo(a,h)anthracene	ND	1480	1200	81		1100	75		40-140	9		50
Indeno(1,2,3-cd)pyrene	32J	1480	1300	88		1200	82		40-140	8		50
Pyrene	64J	1480	1300	88		1200	82		35-142	8		50
Biphenyl	ND	1480	1200	81		1100	75		37-127	9		50
4-Chloroaniline	ND	1480	980	66		800	55		40-140	20		50
2-Nitroaniline	ND	1480	1300	88		1200	82		47-134	8		50

Matrix Spike Analysis

Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202
Lab Number: L2308197
Report Date: 02/24/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG1746104-6 WG1746104-7 QC Sample: L2308197-09 Client ID: PDI020_3												
3-Nitroaniline	ND	1480	1300	88		1200	82		26-129	8		50
4-Nitroaniline	ND	1480	1400	94		1200	82		41-125	15		50
Dibenzofuran	ND	1480	1300	88		1100	75		40-140	17		50
2-Methylnaphthalene	ND	1480	1200	81		1100	75		40-140	9		50
1,2,4,5-Tetrachlorobenzene	ND	1480	1200	81		1100	75		40-117	9		50
Acetophenone	ND	1480	1600	110		1400	96		14-144	13		50
2,4,6-Trichlorophenol	ND	1480	940	63		830	57		30-130	12		50
p-Chloro-m-cresol	ND	1480	1300	88		1200	82		26-103	8		50
2-Chlorophenol	ND	1480	1200	81		1100	75		25-102	9		50
2,4-Dichlorophenol	ND	1480	1300	88		1200	82		30-130	8		50
2,4-Dimethylphenol	ND	1480	1000	67		1000	68		30-130	0		50
2-Nitrophenol	ND	1480	650	44		520	36		30-130	22		50
4-Nitrophenol	ND	1480	430	29		440	30		11-114	2		50
2,4-Dinitrophenol	ND	1480	ND	**0**	Q	ND	**0**	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1480	ND	**0**	Q	ND	**0**	Q	10-130	NC		50
Pentachlorophenol	ND	1480	420	28		350	24		17-109	18		50
Phenol	ND	1480	1300	88		1200	82		26-90	8		50
2-Methylphenol	ND	1480	1200	81		1100	75		30-130.	9		50
3-Methylphenol/4-Methylphenol	ND	1480	1300	88		1200	82		30-130	8		50
2,4,5-Trichlorophenol	ND	1480	1000	67		940	64		30-130	6		50
Benzoic Acid	ND	1480	ND	**0**	Q	ND	**0**	Q	10-110	NC		50
Benzyl Alcohol	ND	1480	1400	94		1200	82		40-140	15		50
Carbazole	ND	1480	1300	88		1200	82		54-128	8		50

Matrix Spike Analysis

Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202
Lab Number: L2308197
Report Date: 02/24/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG1746104-6 WG1746104-7 QC Sample: L2308197-09 Client ID: PDI020_3												
1,4-Dioxane	ND	1480	680	46		560	**38**	Q	40-140	19		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	63		58		10-136
2-Fluorobiphenyl	82		74		30-120
2-Fluorophenol	78		73		25-120
4-Terphenyl-d14	76		73		18-120
Nitrobenzene-d5	94		85		23-120
Phenol-d6	91		82		10-120

PCBS

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-15
Client ID: PDI007_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 07:51
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/20/23 17:16
Analyst: JM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 17:39
Cleanup Method: EPA 3665A
Cleanup Date: 02/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.1	3.21	1	A
Aroclor 1221	ND		ug/kg	36.1	3.62	1	A
Aroclor 1232	ND		ug/kg	36.1	7.66	1	A
Aroclor 1242	ND		ug/kg	36.1	4.87	1	A
Aroclor 1248	ND		ug/kg	36.1	5.42	1	A
Aroclor 1254	9.80	J	ug/kg	36.1	3.95	1	B
Aroclor 1260	ND		ug/kg	36.1	6.67	1	A
Aroclor 1262	ND		ug/kg	36.1	4.59	1	A
Aroclor 1268	ND		ug/kg	36.1	3.74	1	A
PCBs, Total	9.80	J	ug/kg	36.1	3.21	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-16
Client ID: PDI007_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 07:55
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/20/23 20:08
Analyst: JM
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 02/19/23 17:39
Cleanup Method: EPA 3665A
Cleanup Date: 02/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.9	3.64	1	A
Aroclor 1221	ND		ug/kg	40.9	4.10	1	A
Aroclor 1232	ND		ug/kg	40.9	8.68	1	A
Aroclor 1242	ND		ug/kg	40.9	5.52	1	A
Aroclor 1248	ND		ug/kg	40.9	6.14	1	A
Aroclor 1254	ND		ug/kg	40.9	4.48	1	A
Aroclor 1260	ND		ug/kg	40.9	7.56	1	A
Aroclor 1262	ND		ug/kg	40.9	5.20	1	A
Aroclor 1268	ND		ug/kg	40.9	4.24	1	A
PCBs, Total	ND		ug/kg	40.9	3.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-24
Client ID: EQUIP BLANK 002
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 07:15
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 02/20/23 16:49
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 02/19/23 02:10
Cleanup Method: EPA 3665A
Cleanup Date: 02/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
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	82		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/19/23 10:58
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 02/18/23 07:49
Cleanup Method: EPA 3665A
Cleanup Date: 02/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 24 Batch: WG1745942-1						
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	86		30-150	A
Decachlorobiphenyl	145		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	144		30-150	B

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/19/23 14:54
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 02/18/23 21:10
Cleanup Method: EPA 3665A
Cleanup Date: 02/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 15-16 Batch: WG1746080-1						
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	6.93	A
Aroclor 1242	ND		ug/kg	32.7	4.41	A
Aroclor 1248	ND		ug/kg	32.7	4.90	A
Aroclor 1254	ND		ug/kg	32.7	3.58	A
Aroclor 1260	ND		ug/kg	32.7	6.04	A
Aroclor 1262	ND		ug/kg	32.7	4.15	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	71		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	61		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308197

Report Date: 02/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 24 Batch: WG1745942-2 WG1745942-3									
Aroclor 1016	81		80		40-140	2		50	A
Aroclor 1260	82		80		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		65		30-150	A
Decachlorobiphenyl	109		104		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		63		30-150	B
Decachlorobiphenyl	110		110		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 15-16 Batch: WG1746080-2 WG1746080-3									
Aroclor 1016	55		65		40-140	17		50	A
Aroclor 1260	47		52		40-140	10		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		69		30-150	A
Decachlorobiphenyl	54		60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		70		30-150	B
Decachlorobiphenyl	50		59		30-150	B

METALS

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-01 Date Collected: 02/15/23 13:19

Client ID: PDI012_1 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	4600		mg/kg	8.23	2.22	2	02/21/23 08:57	02/21/23 21:14	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.11	0.313	2	02/21/23 08:57	02/21/23 21:14	EPA 3050B	1,6010D	AMW
Arsenic, Total	4.72		mg/kg	0.823	0.171	2	02/21/23 08:57	02/21/23 21:14	EPA 3050B	1,6010D	AMW
Barium, Total	43.0		mg/kg	0.823	0.143	2	02/21/23 08:57	02/21/23 21:14	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.364	J	mg/kg	0.411	0.027	2	02/21/23 08:57	02/21/23 21:14	EPA 3050B	1,6010D	AMW
Cadmium, Total	0.157	J	mg/kg	0.823	0.081	2	02/21/23 08:57	02/21/23 21:14	EPA 3050B	1,6010D	AMW
Calcium, Total	53500		mg/kg	82.3	28.8	20	02/21/23 08:57	02/21/23 23:42	EPA 3050B	1,6010D	AMW
Chromium, Total	13.3		mg/kg	0.823	0.079	2	02/21/23 08:57	02/21/23 21:14	EPA 3050B	1,6010D	AMW
Cobalt, Total	3.52		mg/kg	1.64	0.136	2	02/21/23 08:57	02/21/23 21:14	EPA 3050B	1,6010D	AMW
Copper, Total	23.1		mg/kg	0.823	0.212	2	02/21/23 08:57	02/21/23 21:14	EPA 3050B	1,6010D	AMW
Iron, Total	12700		mg/kg	4.11	0.743	2	02/21/23 08:57	02/21/23 21:14	EPA 3050B	1,6010D	AMW
Lead, Total	44.0		mg/kg	4.11	0.220	2	02/21/23 08:57	02/21/23 21:14	EPA 3050B	1,6010D	AMW
Magnesium, Total	11800		mg/kg	8.23	1.27	2	02/21/23 08:57	02/21/23 21:14	EPA 3050B	1,6010D	AMW
Manganese, Total	146		mg/kg	0.823	0.131	2	02/21/23 08:57	02/21/23 21:14	EPA 3050B	1,6010D	AMW
Mercury, Total	0.095		mg/kg	0.081	0.053	1	02/21/23 10:37	02/21/23 19:33	EPA 7471B	1,7471B	DMB
Nickel, Total	7.35		mg/kg	2.06	0.199	2	02/21/23 08:57	02/21/23 21:14	EPA 3050B	1,6010D	AMW
Potassium, Total	1190		mg/kg	206	11.8	2	02/21/23 08:57	02/21/23 21:14	EPA 3050B	1,6010D	AMW
Selenium, Total	ND		mg/kg	1.64	0.212	2	02/21/23 08:57	02/21/23 21:14	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.411	0.233	2	02/21/23 08:57	02/21/23 21:14	EPA 3050B	1,6010D	AMW
Sodium, Total	437		mg/kg	164	2.59	2	02/21/23 08:57	02/21/23 21:14	EPA 3050B	1,6010D	AMW
Thallium, Total	0.442	J	mg/kg	1.64	0.259	2	02/21/23 08:57	02/21/23 21:14	EPA 3050B	1,6010D	AMW
Vanadium, Total	26.7		mg/kg	0.823	0.167	2	02/21/23 08:57	02/21/23 21:14	EPA 3050B	1,6010D	AMW
Zinc, Total	73.5		mg/kg	4.11	0.241	2	02/21/23 08:57	02/21/23 21:14	EPA 3050B	1,6010D	AMW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-02 Date Collected: 02/15/23 13:15

Client ID: PDI012_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	4450		mg/kg	8.53	2.30	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.26	0.324	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW
Arsenic, Total	3.16		mg/kg	0.853	0.177	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW
Barium, Total	37.5		mg/kg	0.853	0.148	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.502		mg/kg	0.426	0.028	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW
Cadmium, Total	0.096	J	mg/kg	0.853	0.084	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW
Calcium, Total	1820		mg/kg	8.53	2.98	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW
Chromium, Total	13.6		mg/kg	0.853	0.082	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW
Cobalt, Total	4.67		mg/kg	1.70	0.142	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW
Copper, Total	14.5		mg/kg	0.853	0.220	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW
Iron, Total	10800		mg/kg	4.26	0.770	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW
Lead, Total	9.94		mg/kg	4.26	0.228	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW
Magnesium, Total	2490		mg/kg	8.53	1.31	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW
Manganese, Total	267		mg/kg	0.853	0.136	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW
Mercury, Total	0.061	J	mg/kg	0.077	0.051	1	02/21/23 10:37	02/21/23 19:36	EPA 7471B	1,7471B	DMB
Nickel, Total	12.5		mg/kg	2.13	0.206	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW
Potassium, Total	969		mg/kg	213	12.3	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW
Selenium, Total	ND		mg/kg	1.70	0.220	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.426	0.241	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW
Sodium, Total	178		mg/kg	170	2.68	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.70	0.268	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW
Vanadium, Total	17.8		mg/kg	0.853	0.173	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW
Zinc, Total	31.5		mg/kg	4.26	0.250	2	02/21/23 08:57	02/21/23 21:19	EPA 3050B	1,6010D	AMW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-03 Date Collected: 02/15/23 13:17

Client ID: PDI012_5 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	6930		mg/kg	8.67	2.34	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.33	0.329	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW
Arsenic, Total	5.34		mg/kg	0.867	0.180	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW
Barium, Total	20.3		mg/kg	0.867	0.151	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.420	J	mg/kg	0.433	0.029	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.867	0.085	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW
Calcium, Total	700		mg/kg	8.67	3.03	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW
Chromium, Total	10.6		mg/kg	0.867	0.083	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW
Cobalt, Total	4.76		mg/kg	1.73	0.144	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW
Copper, Total	7.98		mg/kg	0.867	0.224	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW
Iron, Total	14500		mg/kg	4.33	0.783	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW
Lead, Total	13.2		mg/kg	4.33	0.232	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW
Magnesium, Total	1850		mg/kg	8.67	1.34	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW
Manganese, Total	179		mg/kg	0.867	0.138	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW
Mercury, Total	0.097		mg/kg	0.079	0.051	1	02/21/23 10:37	02/21/23 18:46	EPA 7471B	1,7471B	DMB
Nickel, Total	8.38		mg/kg	2.17	0.210	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW
Potassium, Total	358		mg/kg	217	12.5	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW
Selenium, Total	ND		mg/kg	1.73	0.224	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.433	0.245	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW
Sodium, Total	122	J	mg/kg	173	2.73	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.73	0.273	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW
Vanadium, Total	17.4		mg/kg	0.867	0.176	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW
Zinc, Total	27.1		mg/kg	4.33	0.254	2	02/21/23 08:57	02/21/23 20:36	EPA 3050B	1,6010D	AMW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-04 Date Collected: 02/15/23 13:00

Client ID: PDI021_1 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	5220		mg/kg	8.60	2.32	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.30	0.327	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW
Arsenic, Total	3.79		mg/kg	0.860	0.179	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW
Barium, Total	42.8		mg/kg	0.860	0.150	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.243	J	mg/kg	0.430	0.028	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW
Cadmium, Total	0.458	J	mg/kg	0.860	0.084	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW
Calcium, Total	39400		mg/kg	8.60	3.01	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW
Chromium, Total	12.6		mg/kg	0.860	0.083	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW
Cobalt, Total	4.45		mg/kg	1.72	0.143	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW
Copper, Total	35.2		mg/kg	0.860	0.222	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW
Iron, Total	9120		mg/kg	4.30	0.776	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW
Lead, Total	47.2		mg/kg	4.30	0.230	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW
Magnesium, Total	17100		mg/kg	8.60	1.32	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW
Manganese, Total	144		mg/kg	0.860	0.137	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW
Mercury, Total	0.097		mg/kg	0.091	0.059	1	02/21/23 10:37	02/21/23 19:39	EPA 7471B	1,7471B	DMB
Nickel, Total	12.9		mg/kg	2.15	0.208	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW
Potassium, Total	594		mg/kg	215	12.4	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW
Selenium, Total	ND		mg/kg	1.72	0.222	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.430	0.243	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW
Sodium, Total	346		mg/kg	172	2.71	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.72	0.271	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW
Vanadium, Total	25.5		mg/kg	0.860	0.174	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW
Zinc, Total	152		mg/kg	4.30	0.252	2	02/21/23 08:57	02/21/23 21:24	EPA 3050B	1,6010D	AMW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-05 Date Collected: 02/15/23 13:03

Client ID: PDI021_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9000		mg/kg	9.10	2.46	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.55	0.346	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW
Arsenic, Total	7.19		mg/kg	0.910	0.189	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW
Barium, Total	25.4		mg/kg	0.910	0.158	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.456		mg/kg	0.455	0.030	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.910	0.089	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW
Calcium, Total	940		mg/kg	9.10	3.18	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW
Chromium, Total	11.6		mg/kg	0.910	0.087	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW
Cobalt, Total	5.39		mg/kg	1.82	0.151	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW
Copper, Total	9.54		mg/kg	0.910	0.235	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW
Iron, Total	19200		mg/kg	4.55	0.822	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW
Lead, Total	8.39		mg/kg	4.55	0.244	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW
Magnesium, Total	2100		mg/kg	9.10	1.40	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW
Manganese, Total	211		mg/kg	0.910	0.145	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW
Mercury, Total	0.067	J	mg/kg	0.087	0.057	1	02/21/23 10:37	02/21/23 19:43	EPA 7471B	1,7471B	DMB
Nickel, Total	9.27		mg/kg	2.28	0.220	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW
Potassium, Total	557		mg/kg	228	13.1	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW
Selenium, Total	ND		mg/kg	1.82	0.235	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.455	0.258	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW
Sodium, Total	55.4	J	mg/kg	182	2.87	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.82	0.287	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW
Vanadium, Total	20.2		mg/kg	0.910	0.185	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW
Zinc, Total	29.2		mg/kg	4.55	0.267	2	02/21/23 08:57	02/21/23 21:29	EPA 3050B	1,6010D	AMW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-06 Date Collected: 02/15/23 00:00

Client ID: DUP004 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	5580		mg/kg	8.57	2.31	2	02/21/23 08:57	02/21/23 22:06	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.28	0.326	2	02/21/23 08:57	02/21/23 22:06	EPA 3050B	1,6010D	AMW
Arsenic, Total	5.36		mg/kg	0.857	0.178	2	02/21/23 08:57	02/21/23 22:06	EPA 3050B	1,6010D	AMW
Barium, Total	50.0		mg/kg	0.857	0.149	2	02/21/23 08:57	02/21/23 22:06	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.364	J	mg/kg	0.428	0.028	2	02/21/23 08:57	02/21/23 22:06	EPA 3050B	1,6010D	AMW
Cadmium, Total	0.169	J	mg/kg	0.857	0.084	2	02/21/23 08:57	02/21/23 22:06	EPA 3050B	1,6010D	AMW
Calcium, Total	73100		mg/kg	85.7	30.0	20	02/21/23 08:57	02/21/23 23:47	EPA 3050B	1,6010D	AMW
Chromium, Total	13.3		mg/kg	0.857	0.082	2	02/21/23 08:57	02/21/23 22:06	EPA 3050B	1,6010D	AMW
Cobalt, Total	3.38		mg/kg	1.71	0.142	2	02/21/23 08:57	02/21/23 22:06	EPA 3050B	1,6010D	AMW
Copper, Total	17.2		mg/kg	0.857	0.221	2	02/21/23 08:57	02/21/23 22:06	EPA 3050B	1,6010D	AMW
Iron, Total	10900		mg/kg	4.28	0.774	2	02/21/23 08:57	02/21/23 22:06	EPA 3050B	1,6010D	AMW
Lead, Total	95.2		mg/kg	4.28	0.230	2	02/21/23 08:57	02/21/23 22:06	EPA 3050B	1,6010D	AMW
Magnesium, Total	15400		mg/kg	8.57	1.32	2	02/21/23 08:57	02/21/23 22:06	EPA 3050B	1,6010D	AMW
Manganese, Total	173		mg/kg	0.857	0.136	2	02/21/23 08:57	02/21/23 22:06	EPA 3050B	1,6010D	AMW
Mercury, Total	0.099		mg/kg	0.082	0.054	1	02/21/23 10:37	02/21/23 19:46	EPA 7471B	1,7471B	DMB
Nickel, Total	8.18		mg/kg	2.14	0.207	2	02/21/23 08:57	02/21/23 22:06	EPA 3050B	1,6010D	AMW
Potassium, Total	972		mg/kg	214	12.3	2	02/21/23 08:57	02/21/23 22:06	EPA 3050B	1,6010D	AMW
Selenium, Total	ND		mg/kg	1.71	0.221	2	02/21/23 08:57	02/21/23 22:06	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.428	0.242	2	02/21/23 08:57	02/21/23 22:06	EPA 3050B	1,6010D	AMW
Sodium, Total	448		mg/kg	171	2.70	2	02/21/23 08:57	02/21/23 22:06	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.71	0.270	2	02/21/23 08:57	02/21/23 22:06	EPA 3050B	1,6010D	AMW
Vanadium, Total	22.6		mg/kg	0.857	0.174	2	02/21/23 08:57	02/21/23 22:06	EPA 3050B	1,6010D	AMW
Zinc, Total	58.8		mg/kg	4.28	0.251	2	02/21/23 08:57	02/21/23 22:06	EPA 3050B	1,6010D	AMW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-07 Date Collected: 02/15/23 00:00

Client ID: DUP003 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	5840		mg/kg	8.66	2.34	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.33	0.329	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW
Arsenic, Total	5.91		mg/kg	0.866	0.180	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW
Barium, Total	37.0		mg/kg	0.866	0.151	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.381	J	mg/kg	0.433	0.029	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW
Cadmium, Total	0.181	J	mg/kg	0.866	0.085	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW
Calcium, Total	37700		mg/kg	8.66	3.03	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW
Chromium, Total	19.5		mg/kg	0.866	0.083	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW
Cobalt, Total	5.01		mg/kg	1.73	0.144	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW
Copper, Total	19.7		mg/kg	0.866	0.223	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW
Iron, Total	13100		mg/kg	4.33	0.782	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW
Lead, Total	25.8		mg/kg	4.33	0.232	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW
Magnesium, Total	6160		mg/kg	8.66	1.33	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW
Manganese, Total	213		mg/kg	0.866	0.138	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW
Mercury, Total	0.075	J	mg/kg	0.080	0.052	1	02/21/23 10:37	02/21/23 19:49	EPA 7471B	1,7471B	DMB
Nickel, Total	9.26		mg/kg	2.16	0.210	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW
Potassium, Total	988		mg/kg	216	12.5	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW
Selenium, Total	ND		mg/kg	1.73	0.223	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.433	0.245	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW
Sodium, Total	241		mg/kg	173	2.73	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.73	0.273	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW
Vanadium, Total	24.3		mg/kg	0.866	0.176	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW
Zinc, Total	83.4		mg/kg	4.33	0.254	2	02/21/23 08:57	02/21/23 22:11	EPA 3050B	1,6010D	AMW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-08 Date Collected: 02/15/23 11:04

Client ID: PDI020_1 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY 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
Total Metals - Mansfield Lab											
Aluminum, Total	6620		mg/kg	8.85	2.39	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.42	0.336	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW
Arsenic, Total	3.82		mg/kg	0.885	0.184	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW
Barium, Total	25.9		mg/kg	0.885	0.154	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.625		mg/kg	0.442	0.029	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW
Cadmium, Total	0.188	J	mg/kg	0.885	0.087	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW
Calcium, Total	4060		mg/kg	8.85	3.10	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW
Chromium, Total	13.4		mg/kg	0.885	0.085	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW
Cobalt, Total	5.39		mg/kg	1.77	0.147	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW
Copper, Total	13.5		mg/kg	0.885	0.228	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW
Iron, Total	12600		mg/kg	4.42	0.799	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW
Lead, Total	21.2		mg/kg	4.42	0.237	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW
Magnesium, Total	3680		mg/kg	8.85	1.36	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW
Manganese, Total	265		mg/kg	0.885	0.141	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW
Mercury, Total	0.092		mg/kg	0.078	0.051	1	02/21/23 10:37	02/21/23 19:52	EPA 7471B	1,7471B	DMB
Nickel, Total	13.0		mg/kg	2.21	0.214	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW
Potassium, Total	1170		mg/kg	221	12.7	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW
Selenium, Total	ND		mg/kg	1.77	0.228	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.442	0.250	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW
Sodium, Total	115	J	mg/kg	177	2.79	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.77	0.279	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW
Vanadium, Total	23.4		mg/kg	0.885	0.180	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW
Zinc, Total	50.8		mg/kg	4.42	0.259	2	02/21/23 08:57	02/21/23 22:16	EPA 3050B	1,6010D	AMW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-09 Date Collected: 02/15/23 11:05

Client ID: PDI020_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9790		mg/kg	8.61	2.32	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.30	0.327	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW
Arsenic, Total	5.63		mg/kg	0.861	0.179	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW
Barium, Total	51.4		mg/kg	0.861	0.150	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.587		mg/kg	0.430	0.028	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW
Cadmium, Total	0.094	J	mg/kg	0.861	0.084	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW
Calcium, Total	5550		mg/kg	8.61	3.01	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW
Chromium, Total	15.0		mg/kg	0.861	0.083	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW
Cobalt, Total	6.81		mg/kg	1.72	0.143	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW
Copper, Total	12.7		mg/kg	0.861	0.222	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW
Iron, Total	17000		mg/kg	4.30	0.777	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW
Lead, Total	11.2		mg/kg	4.30	0.231	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW
Magnesium, Total	2320		mg/kg	8.61	1.32	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW
Manganese, Total	282		mg/kg	0.861	0.137	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW
Mercury, Total	0.111		mg/kg	0.085	0.056	1	02/21/23 10:37	02/21/23 19:00	EPA 7471B	1,7471B	DMB
Nickel, Total	11.7		mg/kg	2.15	0.208	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW
Potassium, Total	898		mg/kg	215	12.4	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW
Selenium, Total	ND		mg/kg	1.72	0.222	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.430	0.244	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW
Sodium, Total	141	J	mg/kg	172	2.71	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.72	0.271	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW
Vanadium, Total	27.6		mg/kg	0.861	0.175	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW
Zinc, Total	32.9		mg/kg	4.30	0.252	2	02/21/23 08:57	02/21/23 21:33	EPA 3050B	1,6010D	AMW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-10 Date Collected: 02/15/23 10:28

Client ID: PDI019_1 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	5970		mg/kg	8.42	2.27	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.21	0.320	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW
Arsenic, Total	3.68		mg/kg	0.842	0.175	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW
Barium, Total	50.3		mg/kg	0.842	0.146	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.576		mg/kg	0.421	0.028	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW
Cadmium, Total	0.151	J	mg/kg	0.842	0.083	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW
Calcium, Total	38700		mg/kg	8.42	2.95	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW
Chromium, Total	10.1		mg/kg	0.842	0.081	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW
Cobalt, Total	8.46		mg/kg	1.68	0.140	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW
Copper, Total	54.4		mg/kg	0.842	0.217	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW
Iron, Total	15800		mg/kg	4.21	0.760	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW
Lead, Total	21.2		mg/kg	4.21	0.226	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW
Magnesium, Total	6320		mg/kg	8.42	1.30	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW
Manganese, Total	205		mg/kg	0.842	0.134	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW
Mercury, Total	0.072	J	mg/kg	0.081	0.053	1	02/21/23 10:37	02/21/23 20:02	EPA 7471B	1,7471B	DMB
Nickel, Total	11.3		mg/kg	2.10	0.204	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW
Potassium, Total	1410		mg/kg	210	12.1	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW
Selenium, Total	ND		mg/kg	1.68	0.217	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.421	0.238	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW
Sodium, Total	273		mg/kg	168	2.65	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW
Thallium, Total	0.285	J	mg/kg	1.68	0.265	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW
Vanadium, Total	21.7		mg/kg	0.842	0.171	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW
Zinc, Total	48.2		mg/kg	4.21	0.247	2	02/21/23 08:57	02/21/23 22:20	EPA 3050B	1,6010D	AMW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-11 Date Collected: 02/15/23 10:27

Client ID: PDI019_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY 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
Total Metals - Mansfield Lab											
Aluminum, Total	6700		mg/kg	8.85	2.39	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.43	0.336	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW
Arsenic, Total	4.50		mg/kg	0.885	0.184	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW
Barium, Total	18.7		mg/kg	0.885	0.154	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.388	J	mg/kg	0.443	0.029	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.885	0.087	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW
Calcium, Total	706		mg/kg	8.85	3.10	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW
Chromium, Total	10.4		mg/kg	0.885	0.085	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW
Cobalt, Total	5.91		mg/kg	1.77	0.147	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW
Copper, Total	8.77		mg/kg	0.885	0.228	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW
Iron, Total	14800		mg/kg	4.43	0.799	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW
Lead, Total	10.0		mg/kg	4.43	0.237	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW
Magnesium, Total	1880		mg/kg	8.85	1.36	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW
Manganese, Total	314		mg/kg	0.885	0.141	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW
Mercury, Total	0.063	J	mg/kg	0.089	0.058	1	02/21/23 10:37	02/21/23 20:06	EPA 7471B	1,7471B	DMB
Nickel, Total	8.80		mg/kg	2.21	0.214	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW
Potassium, Total	461		mg/kg	221	12.7	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW
Selenium, Total	ND		mg/kg	1.77	0.228	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.443	0.250	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW
Sodium, Total	51.5	J	mg/kg	177	2.79	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.77	0.279	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW
Vanadium, Total	16.8		mg/kg	0.885	0.180	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW
Zinc, Total	27.6		mg/kg	4.43	0.259	2	02/21/23 08:57	02/21/23 22:25	EPA 3050B	1,6010D	AMW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-12 Date Collected: 02/15/23 11:55

Client ID: PDI018_1 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	4940		mg/kg	8.69	2.34	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.34	0.330	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW
Arsenic, Total	5.20		mg/kg	0.869	0.181	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW
Barium, Total	28.4		mg/kg	0.869	0.151	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.291	J	mg/kg	0.434	0.029	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW
Cadmium, Total	0.10	J	mg/kg	0.869	0.085	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW
Calcium, Total	34300		mg/kg	8.69	3.04	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW
Chromium, Total	10.6		mg/kg	0.869	0.083	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW
Cobalt, Total	3.24		mg/kg	1.74	0.144	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW
Copper, Total	15.0		mg/kg	0.869	0.224	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW
Iron, Total	10300		mg/kg	4.34	0.784	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW
Lead, Total	16.4		mg/kg	4.34	0.233	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW
Magnesium, Total	7320		mg/kg	8.69	1.34	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW
Manganese, Total	139		mg/kg	0.869	0.138	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW
Mercury, Total	0.052	J	mg/kg	0.071	0.047	1	02/21/23 10:37	02/21/23 20:09	EPA 7471B	1,7471B	DMB
Nickel, Total	5.50		mg/kg	2.17	0.210	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW
Potassium, Total	620		mg/kg	217	12.5	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW
Selenium, Total	ND		mg/kg	1.74	0.224	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.434	0.246	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW
Sodium, Total	316		mg/kg	174	2.74	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.74	0.274	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW
Vanadium, Total	24.6		mg/kg	0.869	0.176	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW
Zinc, Total	36.9		mg/kg	4.34	0.254	2	02/21/23 08:57	02/21/23 22:30	EPA 3050B	1,6010D	AMW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-13 Date Collected: 02/15/23 11:58

Client ID: PDI018_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	4200		mg/kg	8.45	2.28	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.22	0.321	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW
Arsenic, Total	2.70		mg/kg	0.845	0.176	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW
Barium, Total	34.2		mg/kg	0.845	0.147	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.488		mg/kg	0.422	0.028	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW
Cadmium, Total	0.118	J	mg/kg	0.845	0.083	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW
Calcium, Total	4760		mg/kg	8.45	2.96	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW
Chromium, Total	10.2		mg/kg	0.845	0.081	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW
Cobalt, Total	4.47		mg/kg	1.69	0.140	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW
Copper, Total	14.1		mg/kg	0.845	0.218	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW
Iron, Total	10200		mg/kg	4.22	0.763	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW
Lead, Total	10.4		mg/kg	4.22	0.226	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW
Magnesium, Total	2540		mg/kg	8.45	1.30	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW
Manganese, Total	292		mg/kg	0.845	0.134	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW
Mercury, Total	ND		mg/kg	0.072	0.047	1	02/21/23 10:37	02/21/23 20:12	EPA 7471B	1,7471B	DMB
Nickel, Total	14.2		mg/kg	2.11	0.204	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW
Potassium, Total	1060		mg/kg	211	12.2	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW
Selenium, Total	ND		mg/kg	1.69	0.218	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.422	0.239	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW
Sodium, Total	164	J	mg/kg	169	2.66	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.69	0.266	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW
Vanadium, Total	17.1		mg/kg	0.845	0.171	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW
Zinc, Total	31.0		mg/kg	4.22	0.248	2	02/21/23 08:57	02/21/23 22:34	EPA 3050B	1,6010D	AMW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-14 Date Collected: 02/15/23 11:58

Client ID: PDI018_5 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5560		mg/kg	9.38	2.53	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.69	0.357	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW
Arsenic, Total	4.33		mg/kg	0.938	0.195	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW
Barium, Total	24.6		mg/kg	0.938	0.163	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.504		mg/kg	0.469	0.031	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.938	0.092	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW
Calcium, Total	860		mg/kg	9.38	3.28	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW
Chromium, Total	9.31		mg/kg	0.938	0.090	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW
Cobalt, Total	3.89		mg/kg	1.88	0.156	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW
Copper, Total	10.3		mg/kg	0.938	0.242	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW
Iron, Total	11400		mg/kg	4.69	0.847	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW
Lead, Total	9.04		mg/kg	4.69	0.252	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW
Magnesium, Total	1950		mg/kg	9.38	1.44	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW
Manganese, Total	223		mg/kg	0.938	0.149	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW
Mercury, Total	ND		mg/kg	0.077	0.050	1	02/21/23 10:37	02/21/23 20:16	EPA 7471B	1,7471B	DMB
Nickel, Total	8.80		mg/kg	2.35	0.227	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW
Potassium, Total	568		mg/kg	235	13.5	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW
Selenium, Total	ND		mg/kg	1.88	0.242	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.469	0.266	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW
Sodium, Total	93.2	J	mg/kg	188	2.96	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.88	0.296	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW
Vanadium, Total	16.3		mg/kg	0.938	0.190	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW
Zinc, Total	26.5		mg/kg	4.69	0.275	2	02/21/23 08:57	02/21/23 22:39	EPA 3050B	1,6010D	AMW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-15 Date Collected: 02/15/23 07:51

Client ID: PDI007_1 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY 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
Total Metals - Mansfield Lab											
Aluminum, Total	6710		mg/kg	8.43	2.28	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW
Antimony, Total	0.384	J	mg/kg	4.22	0.320	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW
Arsenic, Total	4.71		mg/kg	0.843	0.175	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW
Barium, Total	30.5		mg/kg	0.843	0.147	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.334	J	mg/kg	0.422	0.028	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.193	J	mg/kg	0.843	0.083	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW
Calcium, Total	10800		mg/kg	8.43	2.95	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW
Chromium, Total	10.4		mg/kg	0.843	0.081	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW
Cobalt, Total	4.34		mg/kg	1.69	0.140	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW
Copper, Total	12.2		mg/kg	0.843	0.218	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW
Iron, Total	11600		mg/kg	4.22	0.762	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW
Lead, Total	24.0		mg/kg	4.22	0.226	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW
Magnesium, Total	5710		mg/kg	8.43	1.30	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW
Manganese, Total	202		mg/kg	0.843	0.134	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.078	0.051	1	02/17/23 00:43	02/21/23 14:35	EPA 7471B	1,7471B	DMB
Nickel, Total	10.1		mg/kg	2.11	0.204	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW
Potassium, Total	590		mg/kg	211	12.1	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.69	0.218	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.422	0.239	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW
Sodium, Total	118	J	mg/kg	169	2.66	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.69	0.266	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW
Vanadium, Total	17.0		mg/kg	0.843	0.171	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW
Zinc, Total	47.6		mg/kg	4.22	0.247	2	02/16/23 23:38	02/20/23 15:38	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-16 Date Collected: 02/15/23 07:55

Client ID: PDI007_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9750		mg/kg	9.71	2.62	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW
Antimony, Total	1.18	J	mg/kg	4.86	0.369	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW
Arsenic, Total	6.37		mg/kg	0.971	0.202	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW
Barium, Total	63.5		mg/kg	0.971	0.169	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.480	J	mg/kg	0.486	0.032	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.284	J	mg/kg	0.971	0.095	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW
Calcium, Total	2700		mg/kg	9.71	3.40	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW
Chromium, Total	20.4		mg/kg	0.971	0.093	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW
Cobalt, Total	6.04		mg/kg	1.94	0.161	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW
Copper, Total	27.6		mg/kg	0.971	0.250	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW
Iron, Total	21700		mg/kg	4.86	0.877	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW
Lead, Total	135		mg/kg	4.86	0.260	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW
Magnesium, Total	2480		mg/kg	9.71	1.50	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW
Manganese, Total	317		mg/kg	0.971	0.154	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW
Mercury, Total	0.179		mg/kg	0.083	0.054	1	02/17/23 00:43	02/21/23 14:38	EPA 7471B	1,7471B	DMB
Nickel, Total	11.7		mg/kg	2.43	0.235	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW
Potassium, Total	920		mg/kg	243	14.0	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.94	0.250	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.486	0.275	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW
Sodium, Total	234		mg/kg	194	3.06	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.94	0.306	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW
Vanadium, Total	32.1		mg/kg	0.971	0.197	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW
Zinc, Total	82.2		mg/kg	4.86	0.284	2	02/16/23 23:38	02/20/23 16:10	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-17 Date Collected: 02/15/23 08:25

Client ID: PDI008_1 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6290		mg/kg	8.75	2.36	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW
Antimony, Total	0.865	J	mg/kg	4.37	0.332	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW
Arsenic, Total	4.51		mg/kg	0.875	0.182	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW
Barium, Total	49.7		mg/kg	0.875	0.152	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.269	J	mg/kg	0.437	0.029	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.249	J	mg/kg	0.875	0.086	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW
Calcium, Total	31900		mg/kg	8.75	3.06	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW
Chromium, Total	14.0		mg/kg	0.875	0.084	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW
Cobalt, Total	5.00		mg/kg	1.75	0.145	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW
Copper, Total	35.6		mg/kg	0.875	0.226	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW
Iron, Total	12300		mg/kg	4.37	0.790	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW
Lead, Total	33.1		mg/kg	4.37	0.234	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW
Magnesium, Total	5830		mg/kg	8.75	1.35	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW
Manganese, Total	199		mg/kg	0.875	0.139	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW
Mercury, Total	0.175		mg/kg	0.075	0.049	1	02/17/23 00:43	02/21/23 14:41	EPA 7471B	1,7471B	DMB
Nickel, Total	10.7		mg/kg	2.19	0.212	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW
Potassium, Total	662		mg/kg	219	12.6	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.75	0.226	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.437	0.248	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW
Sodium, Total	554		mg/kg	175	2.76	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW
Thallium, Total	0.335	J	mg/kg	1.75	0.276	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW
Vanadium, Total	26.0		mg/kg	0.875	0.178	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW
Zinc, Total	73.1		mg/kg	4.37	0.256	2	02/16/23 23:38	02/20/23 16:13	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-18 Date Collected: 02/15/23 08:25

Client ID: PDI008_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6340		mg/kg	9.68	2.61	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	4.84	0.368	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW
Arsenic, Total	4.62		mg/kg	0.968	0.201	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW
Barium, Total	51.0		mg/kg	0.968	0.168	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.412	J	mg/kg	0.484	0.032	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.213	J	mg/kg	0.968	0.095	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW
Calcium, Total	2800		mg/kg	9.68	3.39	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW
Chromium, Total	11.0		mg/kg	0.968	0.093	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW
Cobalt, Total	5.38		mg/kg	1.94	0.161	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW
Copper, Total	15.0		mg/kg	0.968	0.250	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW
Iron, Total	12600		mg/kg	4.84	0.874	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW
Lead, Total	29.6		mg/kg	4.84	0.259	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW
Magnesium, Total	2400		mg/kg	9.68	1.49	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW
Manganese, Total	244		mg/kg	0.968	0.154	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW
Mercury, Total	0.081	J	mg/kg	0.083	0.054	1	02/17/23 00:43	02/21/23 14:45	EPA 7471B	1,7471B	DMB
Nickel, Total	13.4		mg/kg	2.42	0.234	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW
Potassium, Total	699		mg/kg	242	13.9	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.94	0.250	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.484	0.274	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW
Sodium, Total	290		mg/kg	194	3.05	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.94	0.305	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW
Vanadium, Total	17.9		mg/kg	0.968	0.196	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW
Zinc, Total	47.9		mg/kg	4.84	0.284	2	02/16/23 23:38	02/20/23 16:17	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-19 Date Collected: 02/15/23 08:55

Client ID: PDI009_1 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5540		mg/kg	8.28	2.23	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	4.14	0.314	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW
Arsenic, Total	3.12		mg/kg	0.828	0.172	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW
Barium, Total	30.5		mg/kg	0.828	0.144	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.106	J	mg/kg	0.414	0.027	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW
Cadmium, Total	ND		mg/kg	0.828	0.081	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW
Calcium, Total	70600		mg/kg	8.28	2.90	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW
Chromium, Total	5.71		mg/kg	0.828	0.079	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW
Cobalt, Total	1.80		mg/kg	1.66	0.137	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW
Copper, Total	5.68		mg/kg	0.828	0.214	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW
Iron, Total	4960		mg/kg	4.14	0.747	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW
Lead, Total	6.38		mg/kg	4.14	0.222	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW
Magnesium, Total	15800		mg/kg	8.28	1.27	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW
Manganese, Total	128		mg/kg	0.828	0.132	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.073	0.047	1	02/17/23 00:43	02/21/23 14:48	EPA 7471B	1,7471B	DMB
Nickel, Total	4.09		mg/kg	2.07	0.200	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW
Potassium, Total	242		mg/kg	207	11.9	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.66	0.214	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.414	0.234	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW
Sodium, Total	153	J	mg/kg	166	2.61	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW
Thallium, Total	0.314	J	mg/kg	1.66	0.261	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW
Vanadium, Total	10.5		mg/kg	0.828	0.168	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW
Zinc, Total	39.3		mg/kg	4.14	0.242	2	02/16/23 23:38	02/20/23 16:20	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-20 Date Collected: 02/15/23 08:54

Client ID: PDI009_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	8480		mg/kg	8.86	2.39	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW
Antimony, Total	0.340	J	mg/kg	4.43	0.336	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW
Arsenic, Total	5.79		mg/kg	0.886	0.184	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW
Barium, Total	45.7		mg/kg	0.886	0.154	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.535		mg/kg	0.443	0.029	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.150	J	mg/kg	0.886	0.087	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW
Calcium, Total	2330		mg/kg	8.86	3.10	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW
Chromium, Total	12.0		mg/kg	0.886	0.085	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW
Cobalt, Total	6.01		mg/kg	1.77	0.147	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW
Copper, Total	11.9		mg/kg	0.886	0.228	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW
Iron, Total	14000		mg/kg	4.43	0.800	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW
Lead, Total	14.6		mg/kg	4.43	0.237	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW
Magnesium, Total	2520		mg/kg	8.86	1.36	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW
Manganese, Total	360		mg/kg	0.886	0.141	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.082	0.054	1	02/17/23 00:43	02/21/23 14:51	EPA 7471B	1,7471B	DMB
Nickel, Total	12.1		mg/kg	2.21	0.214	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW
Potassium, Total	573		mg/kg	221	12.8	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.77	0.228	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.443	0.251	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW
Sodium, Total	278		mg/kg	177	2.79	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.77	0.279	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW
Vanadium, Total	19.3		mg/kg	0.886	0.180	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW
Zinc, Total	34.4		mg/kg	4.43	0.260	2	02/16/23 23:38	02/20/23 16:23	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-21 Date Collected: 02/15/23 09:56

Client ID: PDI010_1 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	4060		mg/kg	8.25	2.23	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	4.12	0.313	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW
Arsenic, Total	3.50		mg/kg	0.825	0.172	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW
Barium, Total	38.2		mg/kg	0.825	0.144	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.094	J	mg/kg	0.412	0.027	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.178	J	mg/kg	0.825	0.081	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW
Calcium, Total	54600		mg/kg	8.25	2.89	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW
Chromium, Total	9.55		mg/kg	0.825	0.079	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW
Cobalt, Total	3.22		mg/kg	1.65	0.137	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW
Copper, Total	17.4		mg/kg	0.825	0.213	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW
Iron, Total	8850		mg/kg	4.12	0.745	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW
Lead, Total	23.3		mg/kg	4.12	0.221	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW
Magnesium, Total	22100		mg/kg	8.25	1.27	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW
Manganese, Total	171		mg/kg	0.825	0.131	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.073	0.048	1	02/17/23 00:43	02/21/23 15:01	EPA 7471B	1,7471B	DMB
Nickel, Total	8.28		mg/kg	2.06	0.200	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW
Potassium, Total	667		mg/kg	206	11.9	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.65	0.213	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.412	0.233	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW
Sodium, Total	201		mg/kg	165	2.60	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.65	0.260	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW
Vanadium, Total	26.3		mg/kg	0.825	0.167	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW
Zinc, Total	35.7		mg/kg	4.12	0.242	2	02/16/23 23:38	02/20/23 16:26	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-22 Date Collected: 02/15/23 09:57

Client ID: PDI010_3 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5820		mg/kg	9.36	2.53	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	4.68	0.356	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW
Arsenic, Total	4.21		mg/kg	0.936	0.195	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW
Barium, Total	29.6		mg/kg	0.936	0.163	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.395	J	mg/kg	0.468	0.031	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.209	J	mg/kg	0.936	0.092	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW
Calcium, Total	2970		mg/kg	9.36	3.28	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW
Chromium, Total	10.9		mg/kg	0.936	0.090	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW
Cobalt, Total	5.20		mg/kg	1.87	0.155	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW
Copper, Total	12.5		mg/kg	0.936	0.242	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW
Iron, Total	11900		mg/kg	4.68	0.846	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW
Lead, Total	56.4		mg/kg	4.68	0.251	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW
Magnesium, Total	2170		mg/kg	9.36	1.44	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW
Manganese, Total	265		mg/kg	0.936	0.149	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.077	0.050	1	02/17/23 00:43	02/21/23 15:04	EPA 7471B	1,7471B	DMB
Nickel, Total	12.2		mg/kg	2.34	0.227	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW
Potassium, Total	836		mg/kg	234	13.5	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.87	0.242	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.468	0.265	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW
Sodium, Total	126	J	mg/kg	187	2.95	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.87	0.295	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW
Vanadium, Total	17.4		mg/kg	0.936	0.190	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW
Zinc, Total	37.4		mg/kg	4.68	0.274	2	02/16/23 23:38	02/20/23 16:30	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-23 Date Collected: 02/15/23 00:00

Client ID: DUP002 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4970		mg/kg	8.76	2.36	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW
Antimony, Total	0.766	J	mg/kg	4.38	0.333	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW
Arsenic, Total	4.50		mg/kg	0.876	0.182	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW
Barium, Total	34.5		mg/kg	0.876	0.152	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.287	J	mg/kg	0.438	0.029	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.171	J	mg/kg	0.876	0.086	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW
Calcium, Total	13800		mg/kg	8.76	3.06	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW
Chromium, Total	14.3		mg/kg	0.876	0.084	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW
Cobalt, Total	4.70		mg/kg	1.75	0.145	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW
Copper, Total	22.9		mg/kg	0.876	0.226	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW
Iron, Total	11600		mg/kg	4.38	0.791	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW
Lead, Total	198		mg/kg	4.38	0.235	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW
Magnesium, Total	3910		mg/kg	8.76	1.35	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW
Manganese, Total	182		mg/kg	0.876	0.139	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.071	0.046	1	02/17/23 00:43	02/21/23 15:08	EPA 7471B	1,7471B	DMB
Nickel, Total	12.5		mg/kg	2.19	0.212	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW
Potassium, Total	544		mg/kg	219	12.6	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.75	0.226	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.438	0.248	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW
Sodium, Total	289		mg/kg	175	2.76	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW
Thallium, Total	0.304	J	mg/kg	1.75	0.276	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW
Vanadium, Total	23.5		mg/kg	0.876	0.178	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW
Zinc, Total	82.7		mg/kg	4.38	0.257	2	02/16/23 23:38	02/20/23 16:33	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-24 Date Collected: 02/15/23 07:15

Client ID: EQUIP BLANK 002 Date Received: 02/15/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	0.0230		mg/l	0.0100	0.00327	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB
Barium, Total	0.00047	J	mg/l	0.00050	0.00017	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB
Calcium, Total	0.133		mg/l	0.100	0.0394	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00220		mg/l	0.00100	0.00017	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB
Copper, Total	0.00089	J	mg/l	0.00100	0.00038	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB
Iron, Total	0.330		mg/l	0.0500	0.0191	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB
Manganese, Total	0.00319		mg/l	0.00100	0.00044	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/17/23 08:08	02/20/23 10:22	EPA 7470A	1,7470A	DMB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB
Potassium, Total	0.0417	J	mg/l	0.100	0.0309	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB
Sodium, Total	0.439		mg/l	0.100	0.0293	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	02/17/23 07:06	02/17/23 11:25	EPA 3005A	1,6020B	NTB

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

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): 01-14 Batch: WG1745335-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW
Antimony, Total	ND		mg/kg	2.00	0.152	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW
Arsenic, Total	ND		mg/kg	0.400	0.083	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW
Barium, Total	ND		mg/kg	0.400	0.070	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW
Beryllium, Total	ND		mg/kg	0.200	0.013	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.400	0.039	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW
Calcium, Total	ND		mg/kg	4.00	1.40	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW
Chromium, Total	ND		mg/kg	0.400	0.038	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW
Cobalt, Total	ND		mg/kg	0.800	0.066	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW
Copper, Total	ND		mg/kg	0.400	0.103	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW
Iron, Total	ND		mg/kg	2.00	0.361	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW
Lead, Total	ND		mg/kg	2.00	0.107	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW
Magnesium, Total	ND		mg/kg	4.00	0.616	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW
Manganese, Total	ND		mg/kg	0.400	0.064	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW
Nickel, Total	ND		mg/kg	1.00	0.097	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW
Potassium, Total	ND		mg/kg	100	5.76	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW
Selenium, Total	ND		mg/kg	0.800	0.103	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW
Silver, Total	ND		mg/kg	0.200	0.113	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW
Sodium, Total	2.08	J	mg/kg	80.0	1.26	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW
Thallium, Total	ND		mg/kg	0.800	0.126	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW
Vanadium, Total	ND		mg/kg	0.400	0.081	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW
Zinc, Total	0.138	J	mg/kg	2.00	0.117	1	02/21/23 08:57	02/21/23 20:11	1,6010D	AMW

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): 01-14 Batch: WG1745338-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/21/23 10:37	02/21/23 18:33	1,7471B	DMB

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

Method Blank Analysis
Batch Quality Control

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): 15-23 Batch: WG1745357-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW
Antimony, Total	ND		mg/kg	2.00	0.152	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW
Arsenic, Total	ND		mg/kg	0.400	0.083	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW
Barium, Total	ND		mg/kg	0.400	0.070	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW
Beryllium, Total	ND		mg/kg	0.200	0.013	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW
Cadmium, Total	ND		mg/kg	0.400	0.039	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW
Calcium, Total	ND		mg/kg	4.00	1.40	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW
Chromium, Total	ND		mg/kg	0.400	0.038	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW
Cobalt, Total	ND		mg/kg	0.800	0.066	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW
Copper, Total	ND		mg/kg	0.400	0.103	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW
Iron, Total	2.24		mg/kg	2.00	0.361	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW
Lead, Total	ND		mg/kg	2.00	0.107	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW
Magnesium, Total	ND		mg/kg	4.00	0.616	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW
Manganese, Total	ND		mg/kg	0.400	0.064	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW
Nickel, Total	ND		mg/kg	1.00	0.097	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW
Potassium, Total	ND		mg/kg	100	5.76	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW
Selenium, Total	ND		mg/kg	0.800	0.103	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW
Silver, Total	ND		mg/kg	0.200	0.113	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW
Sodium, Total	ND		mg/kg	80.0	1.26	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW
Thallium, Total	ND		mg/kg	0.800	0.126	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW
Vanadium, Total	ND		mg/kg	0.400	0.081	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW
Zinc, Total	ND		mg/kg	2.00	0.117	1	02/16/23 23:38	02/20/23 15:28	1,6010D	EGW

Prep Information

Digestion Method: EPA 3050B

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

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): 15-23 Batch: WG1745359-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/17/23 00:43	02/20/23 22:02	1,7471B	DMB

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): 24 Batch: WG1745485-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB
Sodium, Total	ND		mg/l	0.100	0.0293	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	02/17/23 07:06	02/17/23 10:51	1,6020B	NTB

Project Name: TOT2202 **Lab Number:** L2308197

Project Number: TOT2202 **Report Date:** 02/24/23

Method Blank Analysis
Batch Quality Control

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): 24 Batch: WG1745486-1										
Mercury, Total	0.00024		mg/l	0.00020	0.00009	1	02/17/23 08:08	02/17/23 11:07	1,7470A	DMB

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308197

Report Date: 02/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 Batch: WG1745335-2 SRM Lot Number: D116-540								
Aluminum, Total	89		-		45-155	-		
Antimony, Total	192		-		2-205	-		
Arsenic, Total	111		-		82-119	-		
Barium, Total	101		-		82-118	-		
Beryllium, Total	109		-		82-118	-		
Cadmium, Total	105		-		82-118	-		
Calcium, Total	102		-		81-119	-		
Chromium, Total	106		-		81-118	-		
Cobalt, Total	102		-		83-117	-		
Copper, Total	104		-		83-117	-		
Iron, Total	110		-		58-142	-		
Lead, Total	103		-		83-117	-		
Magnesium, Total	97		-		75-125	-		
Manganese, Total	107		-		82-118	-		
Nickel, Total	102		-		82-118	-		
Potassium, Total	101		-		68-131	-		
Selenium, Total	107		-		78-122	-		
Silver, Total	105		-		79-121	-		
Sodium, Total	102		-		71-130	-		
Thallium, Total	106		-		80-120	-		
Vanadium, Total	107		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308197

Report Date: 02/24/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 Batch: WG1745335-2 SRM Lot Number: D116-540					
Zinc, Total	103	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-14 Batch: WG1745338-2 SRM Lot Number: D116-540					
Mercury, Total	107	-	58-142	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308197

Report Date: 02/24/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 15-23 Batch: WG1745357-2 SRM Lot Number: D116-540					
Aluminum, Total	76	-	45-155	-	
Antimony, Total	167	-	2-205	-	
Arsenic, Total	104	-	82-119	-	
Barium, Total	94	-	82-118	-	
Beryllium, Total	104	-	82-118	-	
Cadmium, Total	102	-	82-118	-	
Calcium, Total	94	-	81-119	-	
Chromium, Total	96	-	81-118	-	
Cobalt, Total	98	-	83-117	-	
Copper, Total	99	-	83-117	-	
Iron, Total	94	-	58-142	-	
Lead, Total	99	-	83-117	-	
Magnesium, Total	91	-	75-125	-	
Manganese, Total	102	-	82-118	-	
Nickel, Total	101	-	82-118	-	
Potassium, Total	86	-	68-131	-	
Selenium, Total	106	-	78-122	-	
Silver, Total	98	-	79-121	-	
Sodium, Total	103	-	71-130	-	
Thallium, Total	104	-	80-120	-	
Vanadium, Total	97	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308197

Report Date: 02/24/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 15-23 Batch: WG1745357-2 SRM Lot Number: D116-540					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 15-23 Batch: WG1745359-2 SRM Lot Number: D116-540					
Mercury, Total	89	-	58-142	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308197

Report Date: 02/24/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 24 Batch: WG1745485-2					
Aluminum, Total	103	-	80-120	-	
Antimony, Total	83	-	80-120	-	
Arsenic, Total	92	-	80-120	-	
Barium, Total	90	-	80-120	-	
Beryllium, Total	97	-	80-120	-	
Cadmium, Total	95	-	80-120	-	
Calcium, Total	80	-	80-120	-	
Chromium, Total	90	-	80-120	-	
Cobalt, Total	90	-	80-120	-	
Copper, Total	91	-	80-120	-	
Iron, Total	98	-	80-120	-	
Lead, Total	93	-	80-120	-	
Magnesium, Total	98	-	80-120	-	
Manganese, Total	92	-	80-120	-	
Nickel, Total	90	-	80-120	-	
Potassium, Total	93	-	80-120	-	
Selenium, Total	101	-	80-120	-	
Silver, Total	90	-	80-120	-	
Sodium, Total	97	-	80-120	-	
Thallium, Total	94	-	80-120	-	
Vanadium, Total	90	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308197

Report Date: 02/24/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 24 Batch: WG1745485-2					
Zinc, Total	90	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 24 Batch: WG1745486-2					
Mercury, Total	102	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

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): 01-14 QC Batch ID: WG1745335-3 WG1745335-4 QC Sample: L2308197-03 Client ID: PDI012_5												
Aluminum, Total	6930	175	7240	**178**	Q	6830	**0**	Q	75-125	6		20
Antimony, Total	ND	43.6	40.5	93		40.8	94		75-125	1		20
Arsenic, Total	5.34	10.5	15.1	93		14.6	89		75-125	3		20
Barium, Total	20.3	175	191	98		183	94		75-125	4		20
Beryllium, Total	0.420J	4.36	4.87	112		4.76	110		75-125	2		20
Cadmium, Total	ND	4.63	4.53	98		4.51	98		75-125	0		20
Calcium, Total	700	873	1620	105		1480	90		75-125	9		20
Chromium, Total	10.6	17.5	27.1	94		26.8	94		75-125	1		20
Cobalt, Total	4.76	43.6	45.3	93		45.0	93		75-125	1		20
Copper, Total	7.98	21.8	29.0	96		28.7	96		75-125	1		20
Iron, Total	14500	87.3	13500	**0**	Q	12200	**0**	Q	75-125	10		20
Lead, Total	13.2	46.3	53.3	87		56.5	95		75-125	6		20
Magnesium, Total	1850	873	2900	120		2640	91		75-125	9		20
Manganese, Total	179	43.6	306	**291**	Q	202	**53**	Q	75-125	**41**	Q	20
Nickel, Total	8.38	43.6	47.7	90		47.8	91		75-125	0		20
Potassium, Total	358	873	1290	107		1200	98		75-125	7		20
Selenium, Total	ND	10.5	9.55	91		9.59	92		75-125	0		20
Silver, Total	ND	4.36	3.83	88		3.99	92		75-125	4		20
Sodium, Total	122J	873	978	112		952	110		75-125	3		20
Thallium, Total	ND	10.5	9.60	92		9.78	94		75-125	2		20
Vanadium, Total	17.4	43.6	59.0	95		58.8	96		75-125	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

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): 01-14 QC Batch ID: WG1745335-3 WG1745335-4 QC Sample: L2308197-03 Client ID: PDI012_5									
Zinc, Total	27.1	43.6	67.5	92	66.3	91	75-125	2	20

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

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): 01-14 QC Batch ID: WG1745335-7 WG1745335-8 QC Sample: L2308197-09 Client ID: PDI020_3												
Aluminum, Total	9790	174	9930	81		8640	**0**	Q	75-125	14		20
Antimony, Total	ND	43.4	40.1	92		40.4	93		75-125	1		20
Arsenic, Total	5.63	10.4	15.9	99		14.4	84		75-125	10		20
Barium, Total	51.4	174	210	91		202	86		75-125	4		20
Beryllium, Total	0.587	4.34	4.87	99		4.84	98		75-125	1		20
Cadmium, Total	0.094J	4.6	4.46	97		4.50	97		75-125	1		20
Calcium, Total	5550	868	16400	**1250**	Q	5810	**30**	Q	75-125	**95**	Q	20
Chromium, Total	15.0	17.4	32.5	101		30.6	90		75-125	6		20
Cobalt, Total	6.81	43.4	45.2	88		45.3	88		75-125	0		20
Copper, Total	12.7	21.7	34.6	101		33.0	93		75-125	5		20
Iron, Total	17000	86.8	15200	**0**	Q	13500	**0**	Q	75-125	12		20
Lead, Total	11.2	46	54.2	94		55.6	96		75-125	3		20
Magnesium, Total	2320	868	3780	**168**	Q	3480	**133**	Q	75-125	8		20
Manganese, Total	282	43.4	236	**0**	Q	266	**0**	Q	75-125	12		20
Nickel, Total	11.7	43.4	50.9	90		50.0	88		75-125	2		20
Potassium, Total	898	868	1860	111		1800	104		75-125	3		20
Selenium, Total	ND	10.4	9.67	93		9.70	93		75-125	0		20
Silver, Total	ND	4.34	3.88	89		3.80	87		75-125	2		20
Sodium, Total	141J	868	999	115		941	108		75-125	6		20
Thallium, Total	ND	10.4	9.20	88		9.59	92		75-125	4		20
Vanadium, Total	27.6	43.4	71.5	101		65.9	88		75-125	8		20

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

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): 01-14 QC Batch ID: WG1745335-7 WG1745335-8 QC Sample: L2308197-09 Client ID: PDI020_3									
Zinc, Total	32.9	43.4	75.8	99	73.2	92	75-125	3	20
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1745338-3 WG1745338-4 QC Sample: L2308197-03 Client ID: PDI012_5									
Mercury, Total	0.097	1.74	1.85	101	1.87	103	80-120	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1745338-5 WG1745338-6 QC Sample: L2308197-09 Client ID: PDI020_3									
Mercury, Total	0.111	1.71	1.82	100	1.63	101	80-120	11	20

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

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): 15-23 QC Batch ID: WG1745357-3 QC Sample: L2305851-09 Client ID: MS Sample										
Aluminum, Total	5070	170	5810	**436**	Q	-	-	75-125	-	20
Antimony, Total	ND	42.4	43.8	103		-	-	75-125	-	20
Arsenic, Total	1.49	10.2	13.5	118		-	-	75-125	-	20
Barium, Total	9.47	170	187	105		-	-	75-125	-	20
Beryllium, Total	0.106J	4.24	4.73	112		-	-	75-125	-	20
Cadmium, Total	ND	4.49	4.49	100		-	-	75-125	-	20
Calcium, Total	6680	848	32300	**3020**	Q	-	-	75-125	-	20
Chromium, Total	5.78	17	22.4	98		-	-	75-125	-	20
Cobalt, Total	1.19J	42.4	42.0	99		-	-	75-125	-	20
Copper, Total	2.46	21.2	25.8	110		-	-	75-125	-	20
Iron, Total	4870	84.8	5220	**413**	Q	-	-	75-125	-	20
Lead, Total	8.23	44.9	54.8	104		-	-	75-125	-	20
Magnesium, Total	2740	848	4180	**170**	Q	-	-	75-125	-	20
Manganese, Total	26.7	42.4	106	**187**	Q	-	-	75-125	-	20
Nickel, Total	2.66	42.4	43.1	95		-	-	75-125	-	20
Potassium, Total	135J	848	1080	**127**	Q	-	-	75-125	-	20
Selenium, Total	ND	10.2	11.4	112		-	-	75-125	-	20
Silver, Total	ND	4.24	3.95	93		-	-	75-125	-	20
Sodium, Total	289	848	1270	116		-	-	75-125	-	20
Thallium, Total	ND	10.2	10.1	99		-	-	75-125	-	20
Vanadium, Total	9.61	42.4	53.7	104		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

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): 15-23 QC Batch ID: WG1745357-3 QC Sample: L2305851-09 Client ID: MS Sample									
Zinc, Total	6.88	42.4	49.2	100	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 15-23 QC Batch ID: WG1745359-3 QC Sample: L2305851-09 Client ID: MS Sample									
Mercury, Total	ND	1.53	1.51	98	-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

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): 24 QC Batch ID: WG1745485-3 QC Sample: L2308355-01 Client ID: MS Sample										
Aluminum, Total	1.41	2	3.35	97		-	-	75-125	-	20
Antimony, Total	0.0007J	0.5	0.4237	85		-	-	75-125	-	20
Arsenic, Total	0.00120	0.12	0.1112	92		-	-	75-125	-	20
Barium, Total	0.01774	2	1.832	91		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.04998	100		-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.04946	93		-	-	75-125	-	20
Calcium, Total	20.4	10	30.2	98		-	-	75-125	-	20
Chromium, Total	0.00228	0.2	0.1829	90		-	-	75-125	-	20
Cobalt, Total	0.0011	0.5	0.4462	89		-	-	75-125	-	20
Copper, Total	0.00399	0.25	0.2395	94		-	-	75-125	-	20
Iron, Total	2.43	1	3.47	104		-	-	75-125	-	20
Lead, Total	0.00183	0.53	0.4950	93		-	-	75-125	-	20
Magnesium, Total	8.23	10	17.8	96		-	-	75-125	-	20
Manganese, Total	0.1162	0.5	0.5559	88		-	-	75-125	-	20
Nickel, Total	0.00176J	0.5	0.4602	92		-	-	75-125	-	20
Potassium, Total	1.23	10	10.3	91		-	-	75-125	-	20
Selenium, Total	ND	0.12	0.103	86		-	-	75-125	-	20
Silver, Total	ND	0.05	0.04618	92		-	-	75-125	-	20
Sodium, Total	124	10	101	**0**	Q	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1139	95		-	-	75-125	-	20
Vanadium, Total	0.0019J	0.5	0.4453	89		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

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): 24 QC Batch ID: WG1745485-3 QC Sample: L2308355-01 Client ID: MS Sample									
Zinc, Total	0.00691J	0.5	0.4693	94	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 24 QC Batch ID: WG1745486-3 QC Sample: L2308431-01 Client ID: MS Sample									
Mercury, Total	0.00017JB	0.005	0.00502	100	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 15-23 QC Batch ID: WG1745357-4 QC Sample: L2305851-09 Client ID: DUP Sample						
Aluminum, Total	5070	5210	mg/kg	3		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	1.49	1.49	mg/kg	0		20
Barium, Total	9.47	9.93	mg/kg	5		20
Beryllium, Total	0.106J	0.122J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	6680	4040	mg/kg	**49**	Q	20
Chromium, Total	5.78	6.46	mg/kg	11		20
Cobalt, Total	1.19J	1.14J	mg/kg	NC		20
Copper, Total	2.46	2.85	mg/kg	15		20
Iron, Total	4870	5160	mg/kg	6		20
Lead, Total	8.23	7.32	mg/kg	12		20
Magnesium, Total	2740	1300	mg/kg	**71**	Q	20
Manganese, Total	26.7	27.1	mg/kg	1		20
Nickel, Total	2.66	2.60	mg/kg	2		20
Potassium, Total	135J	147J	mg/kg	NC		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	289	285	mg/kg	1		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 15-23 QC Batch ID: WG1745357-4 QC Sample: L2305851-09 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	9.61	10.6	mg/kg	10	20
Zinc, Total	6.88	7.00	mg/kg	2	20
Total Metals - Mansfield Lab Associated sample(s): 15-23 QC Batch ID: WG1745359-4 QC Sample: L2305851-09 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20
Total Metals - Mansfield Lab Associated sample(s): 24 QC Batch ID: WG1745485-4 QC Sample: L2308355-01 Client ID: DUP Sample					
Arsenic, Total	0.00120	0.00132	mg/l	9	20
Barium, Total	0.01774	0.01496	mg/l	17	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	ND	ND	mg/l	NC	20
Chromium, Total	0.00228	0.00195	mg/l	15	20
Copper, Total	0.00399	0.00408	mg/l	2	20
Lead, Total	0.00183	0.00189	mg/l	3	20
Manganese, Total	0.1162	0.1165	mg/l	0	20
Nickel, Total	0.00176J	0.00189J	mg/l	NC	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Zinc, Total	0.00691J	0.00688J	mg/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 24 QC Batch ID: WG1745486-4 QC Sample: L2308431-01 Client ID: DUP Sample					
Mercury, Total	0.00017JB	0.00016J	mg/l	NC	20

Project Name: TOT2202
Project Number: TOT2202

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2308197
Report Date: 02/24/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1745335-10 QC Sample: L2308197-09 Client ID: PDI020_3						
Aluminum, Total	9790	10000	mg/kg	2		20
Barium, Total	51.4	52.4	mg/kg	2		20
Calcium, Total	5550	5740	mg/kg	3		20
Iron, Total	17000	17700	mg/kg	4		20
Magnesium, Total	2320	2550	mg/kg	10		20
Manganese, Total	282	294	mg/kg	4		20
Vanadium, Total	27.6	29.6	mg/kg	7		20
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1745335-6 QC Sample: L2308197-03 Client ID: PDI012_5						
Aluminum, Total	6930	7720	mg/kg	11		20
Calcium, Total	700	778	mg/kg	11		20
Iron, Total	14500	16300	mg/kg	12		20
Magnesium, Total	1850	2020	mg/kg	9		20
Manganese, Total	179	201	mg/kg	12		20
Total Metals - Mansfield Lab Associated sample(s): 15-23 QC Batch ID: WG1745357-6 QC Sample: L2305851-09 Client ID: DUP Sample						
Magnesium, Total	2740	2790	mg/kg	2		20
Total Metals - Mansfield Lab Associated sample(s): 24 QC Batch ID: WG1745485-6 QC Sample: L2308355-01 Client ID: DUP Sample						
Barium, Total	0.01774	0.01818	mg/l	2		20
Manganese, Total	0.1162	0.1124	mg/l	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-01
Client ID: PDI012_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 13:19
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.6		%	0.100	NA	1	-	02/17/23 08:35	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-02
Client ID: PDI012_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 13:15
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.3		%	0.100	NA	1	-	02/17/23 08:35	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-03
Client ID: PDI012_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 13:17
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	02/17/23 08:35	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-04
Client ID: PDI021_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 13:00
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.6		%	0.100	NA	1	-	02/17/23 08:35	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-05
Client ID: PDI021_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 13:03
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	02/17/23 08:35	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-06
Client ID: DUP004
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 00:00
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.3		%	0.100	NA	1	-	02/17/23 08:35	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-07
Client ID: DUP003
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 00:00
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.7		%	0.100	NA	1	-	02/17/23 08:35	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-08
Client ID: PDI020_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 11:04
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.9		%	0.100	NA	1	-	02/17/23 08:35	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-09
Client ID: PDI020_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 11:05
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	02/17/23 08:35	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-10
Client ID: PDI019_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 10:28
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.9		%	0.100	NA	1	-	02/17/23 08:35	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-11
Client ID: PDI019_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 10:27
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.1		%	0.100	NA	1	-	02/17/23 08:35	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-12
Client ID: PDI018_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 11:55
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.5		%	0.100	NA	1	-	02/17/23 08:35	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-13
Client ID: PDI018_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 11:58
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.2		%	0.100	NA	1	-	02/17/23 08:35	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-14
Client ID: PDI018_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 11:58
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	02/17/23 08:35	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-15
Client ID: PDI007_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 07:51
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.9		%	0.100	NA	1	-	02/17/23 08:35	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-16
Client ID: PDI007_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 07:55
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.9		%	0.100	NA	1	-	02/17/23 08:35	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-17
Client ID: PDI008_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 08:25
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.3		%	0.100	NA	1	-	02/17/23 08:35	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-18
Client ID: PDI008_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 08:25
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.3		%	0.100	NA	1	-	02/17/23 08:35	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-19
Client ID: PDI009_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 08:55
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	02/17/23 08:35	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-20
Client ID: PDI009_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 08:54
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	02/17/23 08:35	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-21
Client ID: PDI010_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 09:56
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.9		%	0.100	NA	1	-	02/17/23 08:48	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-22
Client ID: PDI010_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 09:57
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	02/17/23 08:48	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

SAMPLE RESULTS

Lab ID: L2308197-23
Client ID: DUP002
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/15/23 00:00
Date Received: 02/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	02/17/23 08:48	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308197

Report Date: 02/24/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG1745513-1 QC Sample: L2308197-03 Client ID: PDI012_5						
Solids, Total	91.4	92.2	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 21-23 QC Batch ID: WG1745514-1 QC Sample: L2308578-01 Client ID: DUP Sample						
Solids, Total	81.8	81.2	%	1		20

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

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(*)
L2308197-01A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	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),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2308197-01B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-02A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	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),CU-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2308197-02B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-03A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2308197-03A1	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2308197-03A2	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2308197-03B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-03B1	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-03B2	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2308197-04A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2308197-04B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-05A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2308197-05B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-06A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2308197-06B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-07A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2308197-07B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-08A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	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),PB-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2308197-08B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-09A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	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),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2308197-09A1	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	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),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2308197-09A2	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	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),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2308197-09B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-09B1	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-09B2	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-10A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	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),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2308197-10B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-11A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2308197-11B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-12A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2308197-12B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-13A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CU-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),CD-TI(180),NA-TI(180),K-TI(180)
L2308197-13B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2308197-14A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	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),SE-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2308197-14B	Glass 120ml/4oz unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-15A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2308197-15B	Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2308197-15C	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2308197-16A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2308197-16B	Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2308197-16C	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2308197-17A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),SE-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)
L2308197-17B	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-18A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	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),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2308197-18B	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-19A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2308197-19B	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2308197-20A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-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),MN-TI(180),FE-TI(180),HG-T(28),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2308197-20B	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-21A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2308197-21B	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-22A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	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),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2308197-22B	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-23A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2308197-23B	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TS(7)
L2308197-24A	Plastic 250ml HNO3 preserved	B	<2	<2	2.1	Y	Absent		FE-6020T(180),TL-6020T(180),BA-6020T(180),SE-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),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2308197-24B	Amber 120ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8082-LVI(365)
L2308197-24C	Amber 120ml unpreserved	B	7	7	2.1	Y	Absent		NYTCL-8082-LVI(365)
L2308197-24D	Amber 250ml unpreserved	B	7	7	2.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2308197-24E	Amber 250ml unpreserved	B	7	7	2.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name:	TOT2202	**Lab Number:**	L2308197
Project Number:	TOT2202	**Report Date:**	02/24/23

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

Project Name:	TOT2202	**Lab Number:**	L2308197
Project Number:	TOT2202	**Report Date:**	02/24/23

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.

Chlordane: 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.)

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'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	TOT2202	**Lab Number:**	L2308197
Project Number:	TOT2202	**Report Date:**	02/24/23

Data Qualifiers

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.

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.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	TOT2202	**Lab Number:**	L2308197
Project Number:	TOT2202	**Report Date:**	02/24/23

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

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, NO2, NO3.

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

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, SM4500Cl-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, **LACHAT 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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL
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 3

Date Rec'd in Lab: 2/15/23

ALPHA Job #: L2308197

Project Information
Project Name: TOT2202
Project Location: 737 4th Ave, Brooklyn, NY
Project #
(Use Project name as Project #) ☒
Project Manager: Jennifer Lewis
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: PW Grosser Consulting Inc.
Address: 630 Johnson Ave, Suite 7
Bohemia, NY 11716
Phone: 631-589-6353
Fax:
Email: jennifer@pwgrosser.com

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8270	Total Hg Total Metals						Sample Specific Comments	Total Bottles
08197-01	PDI012_1	02.15.23	13:14	S	DC	X	X							2
-02	PDI012_3		13:15			X	X							
-03	PDI012_5		13:17			X	X							
-03	PDI012_5(MS/MSD)		13:25			X	X							4
-04	PDI021_1		13:01			X	X							2
-05	PDI021_3		13:03			X	X							
-06	DUP004					X	X							
-07	DUP003					X	X							
-08	PDI020_1		11:04			X	X							
-09	PDI020_3		11:05			X	X							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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	A	A											
Preservative	A	A											

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	02.15.23 15:05	[signature]	2/15/23 15:05
[signature]	2/15/23 17:40	[signature]	2/15/23 19:30
[signature]	2/15/23 2140	[signature]	2/15/23 2140
[signature]	2/15/23 2330	[signature]	2/15/23 2330

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

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 2 of 3

Date Rec'd in Lab: 2/15/23

ALPHA Job #: L2308197

Project Information
Project Name: TOT2202
Project Location: 737 4th Ave, Brooklyn, NY
Project #
(Use Project name as Project #) ☒
Project Manager: Jennifer Lewis, PG
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: P.W Grosser Con
Address: 630 Johnson Ave, Suite 7
Bohemia, NY 11716
Phone: 631-589-6353
Fax:
Email: jennifer1@pwgrosser.com

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYCl-8270	Total Hg Total Metals						Sample Specific Comments	Total Bottle
08197-09	PDI020_3(MS/MSD)	02.15.23	11:10	S	DC	X	X							4
-10	PDI019_1	↓	10:28	↓	↓	X	X							2
-11	PDI019_3	↓	10:27	↓	↓	X	X							↓
-12	PDI018_1	↓	11:55	↓	↓	X	X							↓
-13	PDI018_3	↓	11:58	↓	↓	X	X							↓
-14	PDI018_5	↓	11:58	↓	↓	X	X							↓

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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	A	A
Preservative	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	02.15.23 15:05	[signature]	2/15/23 15:05
[signature]	2/15/23 17:49	[signature]	2/15/23 19:30
[signature]	2/15/23 2140	[signature]	2/15/23 2140
[signature]	2/15/23 2330	[signature]	2/15/23 2330

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

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

NEW YORK CHAIN OF CUSTODY

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 3 of 3

Date Rec'd in Lab: 2/15/23

ALPHA Job #: L2308197

Project Information
Project Name: TOT 2202
Project Location: 737 4th Ave Brooklyn, NY
Project #
(Use Project name as Project #) ☒
Project Manager: Jennifer Lewis
ALPHAQuote #:

Client Information
Client: PW Grosser
Address: 630 Johnson Ave Suite 7
Bohemia, NY 11716
Phone: 631-589-6353
Fax:
Email: JenniferL@pwgrosser.com

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8270	Total Hg total metals	NYTCL-8082	NYTCL-8082-LVI	NYTCL-8270-SIM-LVI	Total Hg Total Metals			Sample Specific Comments	Total Bottles
01897-15	PDI007_1	02/15/23	0751	S	DC	X	X	X							3
-16	PDI007_3	↓	0755	↓	↓	X	X	X							↓
-17	PDI008_1	↓	0825	↓	↓	X	X								2
-18	PDI008_3	↓	0825	↓	↓	X	X								↓
-19	PDI009_1	↓	0855	↓	↓	X	X								↓
-20	PDI009_3	↓	0854	↓	↓	X	X								↓
-21	PDI010_1	↓	0956	↓	↓	X	X								↓
-22	PDI010_3	↓	0957	↓	↓	X	X								↓
-23	DupQ2	↓		↓	↓	X	X								↓
-24	Equip blank 002	↓	0715	W	↓				X	X	X				5

Container Type	A	A	A	2A	2A	A							
Preservative	A	A	A	A	A	C							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	02.15.23 15:05	[signature]	2/15/23 15:05
[signature]	2/15/23 17:40	[signature]	2/15/23 19:30
[signature]	2/15/23 2140	[signature]	2/15/23 2140
[signature]	2/15/23 2330	[signature]	2/15/23 2330

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2308471
Client:	P. W. Grosser 630 Johnson Avenue Suite 7 Bohemia, NY 11716
ATTN:	Jennifer Lewis
Phone:	(631) 589-6353
Project Name:	TOT2202
Project Number:	TOT2202
Report Date:	02/27/23

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).

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

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2308471-01	PDI013_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 09:47	02/16/23
L2308471-02	PDI013_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 09:47	02/16/23
L2308471-03	PDI013_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 09:49	02/16/23
L2308471-04	PDI014_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:00	02/16/23
L2308471-05	PDI014_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:03	02/16/23
L2308471-06	PDI014_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:01	02/16/23
L2308471-07	PDI015_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:20	02/16/23
L2308471-08	PDI015_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:18	02/16/23
L2308471-09	PDI015_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:20	02/16/23
L2308471-10	PDI025_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:37	02/16/23
L2308471-11	PDI025_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:38	02/16/23
L2308471-12	PDI025_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:40	02/16/23
L2308471-13	EQUIPMENT BLANK	WATER	737 4TH AVE, BROOKLYN, NY	02/16/23 11:08	02/16/23
L2308471-14	PDI016_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:56	02/16/23
L2308471-15	PDI016_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:57	02/16/23
L2308471-16	PDI016_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:58	02/16/23
L2308471-17	PDI017_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 09:21	02/16/23
L2308471-18	PDI017_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 09:25	02/16/23
L2308471-19	PDI017_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 09:24	02/16/23
L2308471-20	PDI022_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 07:42	02/16/23
L2308471-21	PDI022_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 07:45	02/16/23
L2308471-22	PDI022_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 07:45	02/16/23
L2308471-23	PDI023_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:10	02/16/23
L2308471-24	PDI023_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:05	02/16/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2308471-25	PDI023_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:06	02/16/23
L2308471-26	PDI024_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:30	02/16/23
L2308471-27	PDI024_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:35	02/16/23
L2308471-28	PDI024_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:35	02/16/23
L2308471-29	DUP005	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 00:00	02/16/23

Project Name:	TOT2202	**Lab Number:**	L2308471
Project Number:	TOT2202	**Report Date:**	02/27/23

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.

Project Name: TOT2202 **Lab Number:** L2308471
Project Number: TOT2202 **Report Date:** 02/27/23

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

L2308471-13: The sample collection time was obtained from the container labels.

Semivolatile Organics

L2308471-10: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (5%), and 2,4,6-tribromophenol (3%); however, re-extraction achieved similar results: 2-fluorophenol (3%) and 2,4,6-tribromophenol (6%). The results of both extractions are reported.

L2308471-11: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (9%), and 2,4,6-tribromophenol (0%); however, re-extraction achieved similar results: 2-fluorophenol (1%) and 2,4,6-tribromophenol (1%). The results of both extractions are reported.

L2308471-14D and -17D: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2308471-16: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (2%) and 2,4,6-tribromophenol (1%); however, re-extraction achieved similar results: 2-fluorophenol (8%) and 2,4,6-tribromophenol (3%). The results of both extractions are reported.

L2308471-19: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

L2308471-23: The surrogate recovery was outside the acceptance criteria for 2-fluorophenol (4%); however, re-extraction achieved similar results: 2-fluorophenol (11%) and 2,4,6-tribromophenol (6%). The results of both extractions are reported.

The WG1746834-2/-3 LCS recoveries, associated with L2308471-01 through -11, -12D, -14D, -15, -16, -17D, and -18 through -21, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Project Name:	TOT2202	**Lab Number:**	L2308471
Project Number:	TOT2202	**Report Date:**	02/27/23

Case Narrative (continued)

The WG1746834-4/-5 MS/MSD recoveries, performed on L2308471-19, are below the acceptance criteria for 2,4-dinitrophenol (0%/0%) and benzoic acid (0%/0%) due to the concentrations of these compounds in the MS/MSD falling below the reported detection limits.
The WG1746834-5 MSD recovery, performed on L2308471-19, is below the acceptance criteria for 4,6-dinitro-o-cresol (8%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Total Metals
L2308471-01 through -12 and -14 through -29: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.
The WG1746128-2 LCS recovery, associated with L2308471-13, is above the acceptance criteria for thallium (153%); however, the associated sample is non-detect to the RL for this target analyte. The results of the original analysis are reported.
The WG1746216-3/-4 MS/MSD recoveries for aluminum (677%/963%), iron (1040%/1510%), and manganese (0%/0%), performed on L2308471-19, do not apply because the sample concentrations are greater than four times the spike amounts added.
The WG1746216-3/-4 MS/MSD recoveries, performed on L2308471-19, are outside the acceptance criteria for calcium (150%/151%) and magnesium (MSD 128%). A post digestion spike was performed and was within acceptance criteria.
The WG1746217-3/-4 MS/MSD recoveries, performed on L2308471-19, are outside the acceptance criteria for mercury (34%/35%). A post digestion spike was performed and was within acceptance criteria.

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: Kelly Stenstrom

Title: Technical Director/Representative Date: 02/27/23

ORGANICS

SEMIVOLATILES

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-01
Client ID: PDI013_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 09:47
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/24/23 18:42
Analyst: EK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	54	J	ug/kg	140	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	860		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	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	65	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-01 Date Collected: 02/16/23 09:47

Client ID: PDI013_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	360		ug/kg	110	20.	1
Benzo(a)pyrene	360		ug/kg	140	44.	1
Benzo(b)fluoranthene	460		ug/kg	110	31.	1
Benzo(k)fluoranthene	140		ug/kg	110	29.	1
Chrysene	460		ug/kg	110	19.	1
Acenaphthylene	32	J	ug/kg	140	28.	1
Anthracene	130		ug/kg	110	36.	1
Benzo(ghi)perylene	260		ug/kg	140	21.	1
Fluorene	56	J	ug/kg	180	18.	1
Phenanthrene	770		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	81	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	230		ug/kg	140	25.	1
Pyrene	750		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	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	75.	1
Dibenzofuran	51	J	ug/kg	180	17.	1
2-Methylnaphthalene	42	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	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	68.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-01 Date Collected: 02/16/23 09:47

Client ID: PDI013_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	56	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	69		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-02
Client ID: PDI013_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 09:47
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/24/23 19:05
Analyst: EK
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	35	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	430		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	120	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-02 Date Collected: 02/16/23 09:47

Client ID: PDI013_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	170		ug/kg	110	21.	1
Benzo(a)pyrene	170		ug/kg	150	45.	1
Benzo(b)fluoranthene	250		ug/kg	110	31.	1
Benzo(k)fluoranthene	94	J	ug/kg	110	30.	1
Chrysene	230		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	60	J	ug/kg	110	36.	1
Benzo(ghi)perylene	100	J	ug/kg	150	22.	1
Fluorene	25	J	ug/kg	190	18.	1
Phenanthrene	290		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	23	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	110	J	ug/kg	150	26.	1
Pyrene	360		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	24	J	ug/kg	190	18.	1
2-Methylnaphthalene	180	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-02 Date Collected: 02/16/23 09:47

Client ID: PDI013_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	24	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		25-120
Phenol-d6	44		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	50		10-136
4-Terphenyl-d14	44		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-03
Client ID: PDI013_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 09:49
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/24/23 19:30
Analyst: EK
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	27	J	ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	25.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
1,2-Dichlorobenzene	ND		ug/kg	220	39.	1
1,3-Dichlorobenzene	ND		ug/kg	220	38.	1
1,4-Dichlorobenzene	ND		ug/kg	220	38.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	37.	1
Fluoranthene	290		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	200	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	200	28.	1
Naphthalene	ND		ug/kg	220	26.	1
Nitrobenzene	ND		ug/kg	200	32.	1
NDPA/DPA	ND		ug/kg	170	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	75.	1
Butyl benzyl phthalate	ND		ug/kg	220	55.	1
Di-n-butylphthalate	ND		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	74.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-03 Date Collected: 02/16/23 09:49

Client ID: PDI013_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	350		ug/kg	130	24.	1
Benzo(a)pyrene	410		ug/kg	170	53.	1
Benzo(b)fluoranthene	450		ug/kg	130	37.	1
Benzo(k)fluoranthene	180		ug/kg	130	35.	1
Chrysene	390		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	170	34.	1
Anthracene	70	J	ug/kg	130	42.	1
Benzo(ghi)perylene	210		ug/kg	170	26.	1
Fluorene	ND		ug/kg	220	21.	1
Phenanthrene	210		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	48	J	ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	240		ug/kg	170	30.	1
Pyrene	300		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	500	28.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	90.	1
Dibenzofuran	21	J	ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	32.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	72.	1
2-Nitrophenol	ND		ug/kg	470	82.	1
4-Nitrophenol	ND		ug/kg	300	89.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	570	100	1
Pentachlorophenol	ND		ug/kg	170	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	34.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-03 Date Collected: 02/16/23 09:49

Client ID: PDI013_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Benzoic Acid	ND		ug/kg	710	220	1
Benzyl Alcohol	ND		ug/kg	220	67.	1
Carbazole	ND		ug/kg	220	21.	1
1,4-Dioxane	ND		ug/kg	33	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	61		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-04
Client ID: PDI014_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:00
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/24/23 19:53
Analyst: EK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	23	J	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	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	1400		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	42	J	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	28.	1
Bis(2-ethylhexyl)phthalate	90	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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-04 Date Collected: 02/16/23 10:00

Client ID: PDI014_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	580		ug/kg	110	20.	1
Benzo(a)pyrene	580		ug/kg	140	44.	1
Benzo(b)fluoranthene	930		ug/kg	110	30.	1
Benzo(k)fluoranthene	300		ug/kg	110	29.	1
Chrysene	790		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	120		ug/kg	110	35.	1
Benzo(ghi)perylene	380		ug/kg	140	21.	1
Fluorene	29	J	ug/kg	180	17.	1
Phenanthrene	570		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	86	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	440		ug/kg	140	25.	1
Pyrene	1200		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	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	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-04 Date Collected: 02/16/23 10:00

Client ID: PDI014_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	110	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	53		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-05
Client ID: PDI014_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:03
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/24/23 20:17
Analyst: EK
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	34.	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	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	26	J	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	68.	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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-05 Date Collected: 02/16/23 10:03

Client ID: PDI014_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	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	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	450	25.	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	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	74.	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	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-05 Date Collected: 02/16/23 10:03

Client ID: PDI014_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	116		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	78		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-06
Client ID: PDI014_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:01
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/24/23 20:41
Analyst: EK
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-06 Date Collected: 02/16/23 10:01

Client ID: PDI014_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-06 Date Collected: 02/16/23 10:01

Client ID: PDI014_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	66		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-07
Client ID: PDI015_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:20
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/24/23 21:05
Analyst: EK
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	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	370		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	33	J	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	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-07 Date Collected: 02/16/23 10:20

Client ID: PDI015_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	220		ug/kg	100	20.	1
Benzo(a)pyrene	250		ug/kg	140	43.	1
Benzo(b)fluoranthene	310		ug/kg	100	30.	1
Benzo(k)fluoranthene	110		ug/kg	100	28.	1
Chrysene	240		ug/kg	100	18.	1
Acenaphthylene	49	J	ug/kg	140	27.	1
Anthracene	46	J	ug/kg	100	34.	1
Benzo(ghi)perylene	140		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	160		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	33	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	160		ug/kg	140	25.	1
Pyrene	330		ug/kg	100	18.	1
Biphenyl	ND		ug/kg	400	23.	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	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	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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-07 Date Collected: 02/16/23 10:20

Client ID: PDI015_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	20	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		25-120
Phenol-d6	50		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	46		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-08
Client ID: PDI015_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:18
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/24/23 21:29
Analyst: EK
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	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	80	J	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	220	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	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	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	68.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-08 Date Collected: 02/16/23 10:18

Client ID: PDI015_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	64	J	ug/kg	120	22.	1
Benzo(a)pyrene	100	J	ug/kg	160	49.	1
Benzo(b)fluoranthene	130		ug/kg	120	34.	1
Benzo(k)fluoranthene	52	J	ug/kg	120	32.	1
Chrysene	67	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	60	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	43	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	73	J	ug/kg	160	28.	1
Pyrene	77	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	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	38.	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	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	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	290	31.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-08 Date Collected: 02/16/23 10:18

Client ID: PDI015_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	51		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-09
Client ID: PDI015_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:20
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/24/23 21:53
Analyst: EK
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	170	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	32.	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	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	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	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-09 Date Collected: 02/16/23 10:20

Client ID: PDI015_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	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	30.	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	24.	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	77.	1
Dibenzofuran	ND		ug/kg	180	18.	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	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-09 Date Collected: 02/16/23 10:20

Client ID: PDI015_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	63		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-10
Client ID: PDI025_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:37
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/24/23 16:17
Analyst: JG
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	26.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	31.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
1,2-Dichlorobenzene	ND		ug/kg	230	41.	1
1,3-Dichlorobenzene	ND		ug/kg	230	39.	1
1,4-Dichlorobenzene	ND		ug/kg	230	40.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	61.	1
2,4-Dinitrotoluene	ND		ug/kg	230	46.	1
2,6-Dinitrotoluene	ND		ug/kg	230	39.	1
Fluoranthene	330		ug/kg	140	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	35.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	39.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorobutadiene	ND		ug/kg	230	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	650	210	1
Hexachloroethane	ND		ug/kg	180	37.	1
Isophorone	ND		ug/kg	200	30.	1
Naphthalene	270		ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	200	34.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	35.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	79.	1
Butyl benzyl phthalate	ND		ug/kg	230	57.	1
Di-n-butylphthalate	ND		ug/kg	230	43.	1
Di-n-octylphthalate	ND		ug/kg	230	77.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-10 Date Collected: 02/16/23 10:37

Client ID: PDI025_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	230	21.	1
Dimethyl phthalate	ND		ug/kg	230	48.	1
Benzo(a)anthracene	160		ug/kg	140	26.	1
Benzo(a)pyrene	160	J	ug/kg	180	56.	1
Benzo(b)fluoranthene	280		ug/kg	140	38.	1
Benzo(k)fluoranthene	110	J	ug/kg	140	36.	1
Chrysene	230		ug/kg	140	24.	1
Acenaphthylene	ND		ug/kg	180	35.	1
Anthracene	ND		ug/kg	140	44.	1
Benzo(ghi)perylene	170	J	ug/kg	180	27.	1
Fluorene	ND		ug/kg	230	22.	1
Phenanthrene	130	J	ug/kg	140	28.	1
Dibenzo(a,h)anthracene	32	J	ug/kg	140	26.	1
Indeno(1,2,3-cd)pyrene	170	J	ug/kg	180	32.	1
Pyrene	280		ug/kg	140	23.	1
Biphenyl	ND		ug/kg	520	30.	1
4-Chloroaniline	ND		ug/kg	230	41.	1
2-Nitroaniline	ND		ug/kg	230	44.	1
3-Nitroaniline	ND		ug/kg	230	43.	1
4-Nitroaniline	ND		ug/kg	230	94.	1
Dibenzofuran	ND		ug/kg	230	22.	1
2-Methylnaphthalene	360		ug/kg	270	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	43.	1
p-Chloro-m-cresol	ND		ug/kg	230	34.	1
2-Chlorophenol	ND		ug/kg	230	27.	1
2,4-Dichlorophenol	ND		ug/kg	200	37.	1
2,4-Dimethylphenol	ND		ug/kg	230	75.	1
2-Nitrophenol	ND		ug/kg	490	86.	1
4-Nitrophenol	ND		ug/kg	320	93.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	590	110	1
Pentachlorophenol	ND		ug/kg	180	50.	1
Phenol	ND		ug/kg	230	34.	1
2-Methylphenol	ND		ug/kg	230	35.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	330	36.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-10 Date Collected: 02/16/23 10:37

Client ID: PDI025_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	230	44.	1
Benzoic Acid	ND		ug/kg	740	230	1
Benzyl Alcohol	ND		ug/kg	230	70.	1
Carbazole	40	J	ug/kg	230	22.	1
1,4-Dioxane	ND		ug/kg	34	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**5**	Q	10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	**3**	Q	10-136
4-Terphenyl-d14	66		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-10 RE
Client ID: PDI025_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:37
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/26/23 07:44
Analyst: ALS
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 02/25/23 12:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	ug/kg	180	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	26.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	31.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
1,2-Dichlorobenzene	ND		ug/kg	230	41.	1
1,3-Dichlorobenzene	ND		ug/kg	230	39.	1
1,4-Dichlorobenzene	ND		ug/kg	230	40.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	61.	1
2,4-Dinitrotoluene	ND		ug/kg	230	46.	1
2,6-Dinitrotoluene	ND		ug/kg	230	39.	1
Fluoranthene	1900		ug/kg	140	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	35.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	39.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorobutadiene	ND		ug/kg	230	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	650	210	1
Hexachloroethane	ND		ug/kg	180	37.	1
Isophorone	ND		ug/kg	200	30.	1
Naphthalene	590		ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	200	34.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	35.	1
Bis(2-ethylhexyl)phthalate	210	J	ug/kg	230	79.	1
Butyl benzyl phthalate	ND		ug/kg	230	57.	1
Di-n-butylphthalate	ND		ug/kg	230	43.	1
Di-n-octylphthalate	ND		ug/kg	230	78.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-10 RE
Client ID: PDI025_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:37
Date Received: 02/16/23
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	230	21.	1
Dimethyl phthalate	ND		ug/kg	230	48.	1
Benzo(a)anthracene	910		ug/kg	140	26.	1
Benzo(a)pyrene	1000		ug/kg	180	56.	1
Benzo(b)fluoranthene	1600		ug/kg	140	38.	1
Benzo(k)fluoranthene	590		ug/kg	140	36.	1
Chrysene	1200		ug/kg	140	24.	1
Acenaphthylene	ND		ug/kg	180	35.	1
Anthracene	390		ug/kg	140	44.	1
Benzo(ghi)perylene	680		ug/kg	180	27.	1
Fluorene	170	J	ug/kg	230	22.	1
Phenanthrene	1700		ug/kg	140	28.	1
Dibenzo(a,h)anthracene	170		ug/kg	140	26.	1
Indeno(1,2,3-cd)pyrene	790		ug/kg	180	32.	1
Pyrene	1400		ug/kg	140	23.	1
Biphenyl	31	J	ug/kg	520	30.	1
4-Chloroaniline	ND		ug/kg	230	42.	1
2-Nitroaniline	ND		ug/kg	230	44.	1
3-Nitroaniline	ND		ug/kg	230	43.	1
4-Nitroaniline	ND		ug/kg	230	94.	1
Dibenzofuran	180	J	ug/kg	230	22.	1
2-Methylnaphthalene	680		ug/kg	270	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	43.	1
p-Chloro-m-cresol	ND		ug/kg	230	34.	1
2-Chlorophenol	ND		ug/kg	230	27.	1
2,4-Dichlorophenol	ND		ug/kg	200	37.	1
2,4-Dimethylphenol	ND		ug/kg	230	75.	1
2-Nitrophenol	ND		ug/kg	490	86.	1
4-Nitrophenol	ND		ug/kg	320	93.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	590	110	1
Pentachlorophenol	ND		ug/kg	180	50.	1
Phenol	ND		ug/kg	230	34.	1
2-Methylphenol	ND		ug/kg	230	35.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	330	36.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-10 RE
Client ID: PDI025_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:37
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	230	44.	1
Benzoic Acid	ND		ug/kg	740	230	1
Benzyl Alcohol	ND		ug/kg	230	70.	1
Carbazole	270		ug/kg	230	22.	1
1,4-Dioxane	ND		ug/kg	34	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**3**	Q	25-120
Phenol-d6	12		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	**6**	Q	10-136
4-Terphenyl-d14	57		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-11
Client ID: PDI025_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:38
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/24/23 16:41
Analyst: JG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	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	460		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	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	73	J	ug/kg	180	64.	1
Butyl benzyl phthalate	76	J	ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-11 Date Collected: 02/16/23 10:38

Client ID: PDI025_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	39.	1
Benzo(a)anthracene	180		ug/kg	110	21.	1
Benzo(a)pyrene	190		ug/kg	150	45.	1
Benzo(b)fluoranthene	340		ug/kg	110	31.	1
Benzo(k)fluoranthene	110		ug/kg	110	29.	1
Chrysene	290		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	47	J	ug/kg	110	36.	1
Benzo(ghi)perylene	180		ug/kg	150	22.	1
Fluorene	18	J	ug/kg	180	18.	1
Phenanthrene	230		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	35	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	200		ug/kg	150	26.	1
Pyrene	360		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-11 Date Collected: 02/16/23 10:38

Client ID: PDI025_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	54	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**9**	Q	10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	72		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-11 RE
Client ID: PDI025_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:38
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/26/23 07:21
Analyst: ALS
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/25/23 12:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	25	J	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	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	31.	1
Fluoranthene	440		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	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	63.	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	62.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-11 RE
Client ID: PDI025_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:38
Date Received: 02/16/23
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	220		ug/kg	110	21.	1
Benzo(a)pyrene	270		ug/kg	150	45.	1
Benzo(b)fluoranthene	430		ug/kg	110	31.	1
Benzo(k)fluoranthene	130		ug/kg	110	29.	1
Chrysene	290		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	74	J	ug/kg	110	36.	1
Benzo(ghi)perylene	180		ug/kg	150	22.	1
Fluorene	37	J	ug/kg	180	18.	1
Phenanthrene	350		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	48	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	210		ug/kg	150	26.	1
Pyrene	330		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	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	28	J	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	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-11 RE
Client ID: PDI025_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:38
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	72	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**1**	Q	25-120
Phenol-d6	12		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	**1**	Q	10-136
4-Terphenyl-d14	61		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-12 D
Client ID: PDI025_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:40
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/26/23 20:32
Analyst: ALS
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1300	J	ug/kg	1500	190	10
1,2,4-Trichlorobenzene	ND		ug/kg	1900	210	10
Hexachlorobenzene	ND		ug/kg	1100	210	10
Bis(2-chloroethyl)ether	ND		ug/kg	1700	250	10
2-Chloronaphthalene	ND		ug/kg	1900	190	10
1,2-Dichlorobenzene	ND		ug/kg	1900	340	10
1,3-Dichlorobenzene	ND		ug/kg	1900	320	10
1,4-Dichlorobenzene	ND		ug/kg	1900	330	10
3,3'-Dichlorobenzidine	ND		ug/kg	1900	500	10
2,4-Dinitrotoluene	ND		ug/kg	1900	380	10
2,6-Dinitrotoluene	ND		ug/kg	1900	320	10
Fluoranthene	46000		ug/kg	1100	220	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1900	200	10
4-Bromophenyl phenyl ether	ND		ug/kg	1900	290	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2200	320	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2000	190	10
Hexachlorobutadiene	ND		ug/kg	1900	270	10
Hexachlorocyclopentadiene	ND		ug/kg	5400	1700	10
Hexachloroethane	ND		ug/kg	1500	300	10
Isophorone	ND		ug/kg	1700	240	10
Naphthalene	410	J	ug/kg	1900	230	10
Nitrobenzene	ND		ug/kg	1700	280	10
NDPA/DPA	ND		ug/kg	1500	210	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1900	290	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1900	650	10
Butyl benzyl phthalate	ND		ug/kg	1900	470	10
Di-n-butylphthalate	ND		ug/kg	1900	360	10
Di-n-octylphthalate	ND		ug/kg	1900	640	10

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-12 D
Client ID: PDI025_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:40
Date Received: 02/16/23
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	1900	170	10
Dimethyl phthalate	ND		ug/kg	1900	390	10
Benzo(a)anthracene	21000		ug/kg	1100	210	10
Benzo(a)pyrene	20000		ug/kg	1500	460	10
Benzo(b)fluoranthene	23000		ug/kg	1100	320	10
Benzo(k)fluoranthene	7700		ug/kg	1100	300	10
Chrysene	19000		ug/kg	1100	200	10
Acenaphthylene	2200		ug/kg	1500	290	10
Anthracene	7600		ug/kg	1100	370	10
Benzo(ghi)perylene	9100		ug/kg	1500	220	10
Fluorene	2100		ug/kg	1900	180	10
Phenanthrene	26000		ug/kg	1100	230	10
Dibenzo(a,h)anthracene	2400		ug/kg	1100	220	10
Indeno(1,2,3-cd)pyrene	11000		ug/kg	1500	260	10
Pyrene	38000		ug/kg	1100	190	10
Biphenyl	ND		ug/kg	4300	240	10
4-Chloroaniline	ND		ug/kg	1900	340	10
2-Nitroaniline	ND		ug/kg	1900	360	10
3-Nitroaniline	ND		ug/kg	1900	350	10
4-Nitroaniline	ND		ug/kg	1900	780	10
Dibenzofuran	1100	J	ug/kg	1900	180	10
2-Methylnaphthalene	350	J	ug/kg	2200	230	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1900	200	10
Acetophenone	ND		ug/kg	1900	230	10
2,4,6-Trichlorophenol	ND		ug/kg	1100	360	10
p-Chloro-m-cresol	ND		ug/kg	1900	280	10
2-Chlorophenol	ND		ug/kg	1900	220	10
2,4-Dichlorophenol	ND		ug/kg	1700	300	10
2,4-Dimethylphenol	ND		ug/kg	1900	620	10
2-Nitrophenol	ND		ug/kg	4000	700	10
4-Nitrophenol	ND		ug/kg	2600	770	10
2,4-Dinitrophenol	ND		ug/kg	9000	870	10
4,6-Dinitro-o-cresol	ND		ug/kg	4900	900	10
Pentachlorophenol	ND		ug/kg	1500	410	10
Phenol	ND		ug/kg	1900	280	10
2-Methylphenol	ND		ug/kg	1900	290	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2700	290	10

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-12 D
Client ID: PDI025_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:40
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1900	360	10
Benzoic Acid	ND		ug/kg	6100	1900	10
Benzyl Alcohol	ND		ug/kg	1900	570	10
Carbazole	2300		ug/kg	1900	180	10
1,4-Dioxane	ND		ug/kg	280	86.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	59		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-13
Client ID: EQUIPMENT BLANK
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 11:08
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 02/20/23 21:36
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 02/18/23 16:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	ND		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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-13 Date Collected: 02/16/23 11:08

Client ID: EQUIPMENT BLANK Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	66		41-149

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-13
Client ID: EQUIPMENT BLANK
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 11:08
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 02/20/23 18:43
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 02/18/23 20:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.09	J	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	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.04	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	0.01	J	ug/l	0.10	0.01	1
Phenanthrene	0.10	J	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	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.07	J	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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-13 Date Collected: 02/16/23 11:08

Client ID: EQUIPMENT BLANK Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	54		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	98		10-120
4-Terphenyl-d14	76		41-149

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-14 D
Client ID: PDI016_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:56
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/25/23 11:48
Analyst: EK
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	230	J	ug/kg	1400	180	10
1,2,4-Trichlorobenzene	ND		ug/kg	1700	200	10
Hexachlorobenzene	ND		ug/kg	1000	190	10
Bis(2-chloroethyl)ether	ND		ug/kg	1600	240	10
2-Chloronaphthalene	ND		ug/kg	1700	170	10
1,2-Dichlorobenzene	ND		ug/kg	1700	310	10
1,3-Dichlorobenzene	ND		ug/kg	1700	300	10
1,4-Dichlorobenzene	ND		ug/kg	1700	300	10
3,3'-Dichlorobenzidine	ND		ug/kg	1700	460	10
2,4-Dinitrotoluene	ND		ug/kg	1700	350	10
2,6-Dinitrotoluene	ND		ug/kg	1700	300	10
Fluoranthene	4200		ug/kg	1000	200	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1700	190	10
4-Bromophenyl phenyl ether	ND		ug/kg	1700	260	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2100	300	10
Bis(2-chloroethoxy)methane	ND		ug/kg	1900	170	10
Hexachlorobutadiene	ND		ug/kg	1700	250	10
Hexachlorocyclopentadiene	ND		ug/kg	5000	1600	10
Hexachloroethane	ND		ug/kg	1400	280	10
Isophorone	ND		ug/kg	1600	220	10
Naphthalene	ND		ug/kg	1700	210	10
Nitrobenzene	ND		ug/kg	1600	260	10
NDPA/DPA	ND		ug/kg	1400	200	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1700	270	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1700	600	10
Butyl benzyl phthalate	ND		ug/kg	1700	440	10
Di-n-butylphthalate	ND		ug/kg	1700	330	10
Di-n-octylphthalate	ND		ug/kg	1700	590	10

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-14 D
Client ID: PDI016_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:56
Date Received: 02/16/23
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	1700	160	10
Dimethyl phthalate	ND		ug/kg	1700	360	10
Benzo(a)anthracene	1200		ug/kg	1000	200	10
Benzo(a)pyrene	1100	J	ug/kg	1400	420	10
Benzo(b)fluoranthene	1800		ug/kg	1000	290	10
Benzo(k)fluoranthene	620	J	ug/kg	1000	280	10
Chrysene	1800		ug/kg	1000	180	10
Acenaphthylene	ND		ug/kg	1400	270	10
Anthracene	430	J	ug/kg	1000	340	10
Benzo(ghi)perylene	670	J	ug/kg	1400	200	10
Fluorene	270	J	ug/kg	1700	170	10
Phenanthrene	2800		ug/kg	1000	210	10
Dibenzo(a,h)anthracene	ND		ug/kg	1000	200	10
Indeno(1,2,3-cd)pyrene	800	J	ug/kg	1400	240	10
Pyrene	2900		ug/kg	1000	170	10
Biphenyl	ND		ug/kg	4000	230	10
4-Chloroaniline	ND		ug/kg	1700	320	10
2-Nitroaniline	ND		ug/kg	1700	340	10
3-Nitroaniline	ND		ug/kg	1700	330	10
4-Nitroaniline	ND		ug/kg	1700	720	10
Dibenzofuran	160	J	ug/kg	1700	160	10
2-Methylnaphthalene	ND		ug/kg	2100	210	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1700	180	10
Acetophenone	ND		ug/kg	1700	220	10
2,4,6-Trichlorophenol	ND		ug/kg	1000	330	10
p-Chloro-m-cresol	ND		ug/kg	1700	260	10
2-Chlorophenol	ND		ug/kg	1700	200	10
2,4-Dichlorophenol	ND		ug/kg	1600	280	10
2,4-Dimethylphenol	ND		ug/kg	1700	570	10
2-Nitrophenol	ND		ug/kg	3800	650	10
4-Nitrophenol	ND		ug/kg	2400	710	10
2,4-Dinitrophenol	ND		ug/kg	8300	810	10
4,6-Dinitro-o-cresol	ND		ug/kg	4500	830	10
Pentachlorophenol	ND		ug/kg	1400	380	10
Phenol	ND		ug/kg	1700	260	10
2-Methylphenol	ND		ug/kg	1700	270	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2500	270	10

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-14 D
Client ID: PDI016_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:56
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1700	330	10
Benzoic Acid	ND		ug/kg	5600	1800	10
Benzyl Alcohol	ND		ug/kg	1700	530	10
Carbazole	590	J	ug/kg	1700	170	10
1,4-Dioxane	ND		ug/kg	260	80.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		25-120
Phenol-d6	43		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	50		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-15
Client ID: PDI016_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:57
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/25/23 12:12
Analyst: EK
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	200		ug/kg	140	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	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	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	3300		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	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	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	36	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	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-15 Date Collected: 02/16/23 08:57

Client ID: PDI016_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	1300		ug/kg	110	20.	1
Benzo(a)pyrene	1300		ug/kg	140	44.	1
Benzo(b)fluoranthene	1500		ug/kg	110	30.	1
Benzo(k)fluoranthene	490		ug/kg	110	29.	1
Chrysene	1300		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	710		ug/kg	110	35.	1
Benzo(ghi)perylene	670		ug/kg	140	21.	1
Fluorene	220		ug/kg	180	18.	1
Phenanthrene	3000		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	170		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	770		ug/kg	140	25.	1
Pyrene	3000		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	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	75.	1
Dibenzofuran	100	J	ug/kg	180	17.	1
2-Methylnaphthalene	27	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	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-15 Date Collected: 02/16/23 08:57

Client ID: PDI016_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	140	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	64		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-16
Client ID: PDI016_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:58
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/25/23 12:35
Analyst: JG
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	25.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
1,2-Dichlorobenzene	ND		ug/kg	220	40.	1
1,3-Dichlorobenzene	ND		ug/kg	220	38.	1
1,4-Dichlorobenzene	ND		ug/kg	220	39.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	76.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	75.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-16 Date Collected: 02/16/23 08:58

Client ID: PDI016_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	54.	1
Benzo(b)fluoranthene	ND		ug/kg	130	37.	1
Benzo(k)fluoranthene	ND		ug/kg	130	35.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	34.	1
Anthracene	ND		ug/kg	130	43.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	22.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	1
Pyrene	22	J	ug/kg	130	22.	1
Biphenyl	ND		ug/kg	500	29.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	92.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	260	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	73.	1
2-Nitrophenol	ND		ug/kg	480	83.	1
4-Nitrophenol	ND		ug/kg	310	90.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-16 Date Collected: 02/16/23 08:58

Client ID: PDI016_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Benzoic Acid	ND		ug/kg	720	220	1
Benzyl Alcohol	ND		ug/kg	220	68.	1
Carbazole	ND		ug/kg	220	22.	1
1,4-Dioxane	ND		ug/kg	33	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**2**	Q	25-120
Phenol-d6	15		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	**1**	Q	10-136
4-Terphenyl-d14	57		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-16 RE
Client ID: PDI016_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:58
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/26/23 17:13
Analyst: IM
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 02/25/23 19:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	25.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
1,2-Dichlorobenzene	ND		ug/kg	220	39.	1
1,3-Dichlorobenzene	ND		ug/kg	220	38.	1
1,4-Dichlorobenzene	ND		ug/kg	220	38.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	200	1
Hexachloroethane	ND		ug/kg	180	35.	1
Isophorone	ND		ug/kg	200	28.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	32.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	76.	1
Butyl benzyl phthalate	ND		ug/kg	220	55.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	74.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-16 RE
Client ID: PDI016_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:58
Date Received: 02/16/23
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	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	54.	1
Benzo(b)fluoranthene	ND		ug/kg	130	37.	1
Benzo(k)fluoranthene	ND		ug/kg	130	35.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	34.	1
Anthracene	ND		ug/kg	130	43.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	21.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	30.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	500	28.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	91.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	72.	1
2-Nitrophenol	ND		ug/kg	470	82.	1
4-Nitrophenol	ND		ug/kg	310	89.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	570	100	1
Pentachlorophenol	ND		ug/kg	180	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	34.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-16 RE
Client ID: PDI016_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:58
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Benzoic Acid	ND		ug/kg	710	220	1
Benzyl Alcohol	ND		ug/kg	220	67.	1
Carbazole	ND		ug/kg	220	21.	1
1,4-Dioxane	ND		ug/kg	33	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**8**	Q	25-120
Phenol-d6	39		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	**3**	Q	10-136
4-Terphenyl-d14	78		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-17 D
Client ID: PDI017_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 09:21
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/26/23 20:56
Analyst: ALS
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	100	J	ug/kg	690	90.	5
1,2,4-Trichlorobenzene	ND		ug/kg	860	99.	5
Hexachlorobenzene	ND		ug/kg	520	97.	5
Bis(2-chloroethyl)ether	ND		ug/kg	780	120	5
2-Chloronaphthalene	ND		ug/kg	860	86.	5
1,2-Dichlorobenzene	ND		ug/kg	860	160	5
1,3-Dichlorobenzene	ND		ug/kg	860	150	5
1,4-Dichlorobenzene	ND		ug/kg	860	150	5
3,3'-Dichlorobenzidine	ND		ug/kg	860	230	5
2,4-Dinitrotoluene	ND		ug/kg	860	170	5
2,6-Dinitrotoluene	ND		ug/kg	860	150	5
Fluoranthene	1500		ug/kg	520	99.	5
4-Chlorophenyl phenyl ether	ND		ug/kg	860	92.	5
4-Bromophenyl phenyl ether	ND		ug/kg	860	130	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1000	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	930	87.	5
Hexachlorobutadiene	ND		ug/kg	860	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2500	780	5
Hexachloroethane	ND		ug/kg	690	140	5
Isophorone	ND		ug/kg	780	110	5
Naphthalene	ND		ug/kg	860	100	5
Nitrobenzene	ND		ug/kg	780	130	5
NDPA/DPA	ND		ug/kg	690	98.	5
n-Nitrosodi-n-propylamine	ND		ug/kg	860	130	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	860	300	5
Butyl benzyl phthalate	ND		ug/kg	860	220	5
Di-n-butylphthalate	ND		ug/kg	860	160	5
Di-n-octylphthalate	ND		ug/kg	860	290	5

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-17 D
Client ID: PDI017_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 09:21
Date Received: 02/16/23
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	860	80.	5
Dimethyl phthalate	ND		ug/kg	860	180	5
Benzo(a)anthracene	480	J	ug/kg	520	97.	5
Benzo(a)pyrene	410	J	ug/kg	690	210	5
Benzo(b)fluoranthene	690		ug/kg	520	140	5
Benzo(k)fluoranthene	240	J	ug/kg	520	140	5
Chrysene	710		ug/kg	520	90.	5
Acenaphthylene	ND		ug/kg	690	130	5
Anthracene	ND		ug/kg	520	170	5
Benzo(ghi)perylene	250	J	ug/kg	690	100	5
Fluorene	ND		ug/kg	860	84.	5
Phenanthrene	1300		ug/kg	520	100	5
Dibenzo(a,h)anthracene	ND		ug/kg	520	100	5
Indeno(1,2,3-cd)pyrene	290	J	ug/kg	690	120	5
Pyrene	1100		ug/kg	520	86.	5
Biphenyl	ND		ug/kg	2000	110	5
4-Chloroaniline	ND		ug/kg	860	160	5
2-Nitroaniline	ND		ug/kg	860	170	5
3-Nitroaniline	ND		ug/kg	860	160	5
4-Nitroaniline	ND		ug/kg	860	360	5
Dibenzofuran	100	J	ug/kg	860	82.	5
2-Methylnaphthalene	120	J	ug/kg	1000	100	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	860	90.	5
Acetophenone	ND		ug/kg	860	110	5
2,4,6-Trichlorophenol	ND		ug/kg	520	160	5
p-Chloro-m-cresol	ND		ug/kg	860	130	5
2-Chlorophenol	ND		ug/kg	860	100	5
2,4-Dichlorophenol	ND		ug/kg	780	140	5
2,4-Dimethylphenol	ND		ug/kg	860	280	5
2-Nitrophenol	ND		ug/kg	1900	320	5
4-Nitrophenol	ND		ug/kg	1200	350	5
2,4-Dinitrophenol	ND		ug/kg	4200	400	5
4,6-Dinitro-o-cresol	ND		ug/kg	2200	420	5
Pentachlorophenol	ND		ug/kg	690	190	5
Phenol	ND		ug/kg	860	130	5
2-Methylphenol	ND		ug/kg	860	130	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1200	140	5

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-17 D
Client ID: PDI017_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 09:21
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	860	160	5
Benzoic Acid	ND		ug/kg	2800	880	5
Benzyl Alcohol	ND		ug/kg	860	260	5
Carbazole	130	J	ug/kg	860	84.	5
1,4-Dioxane	ND		ug/kg	130	40.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		25-120
Phenol-d6	50		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	50		10-136
4-Terphenyl-d14	50		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-18
Client ID: PDI017_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 09:25
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/25/23 13:23
Analyst: EK
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	35	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	ND		ug/kg	180	63.	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	62.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-18 Date Collected: 02/16/23 09:25

Client ID: PDI017_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	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	26	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	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	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-18 Date Collected: 02/16/23 09:25

Client ID: PDI017_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	65		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-19
Client ID: PDI017_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 09:24
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/25/23 13:46
Analyst: EK
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	410	53.	1
1,2,4-Trichlorobenzene	ND		ug/kg	510	58.	1
Hexachlorobenzene	ND		ug/kg	300	57.	1
Bis(2-chloroethyl)ether	ND		ug/kg	460	69.	1
2-Chloronaphthalene	ND		ug/kg	510	50.	1
1,2-Dichlorobenzene	ND		ug/kg	510	91.	1
1,3-Dichlorobenzene	ND		ug/kg	510	87.	1
1,4-Dichlorobenzene	ND		ug/kg	510	89.	1
3,3'-Dichlorobenzidine	ND		ug/kg	510	140	1
2,4-Dinitrotoluene	ND		ug/kg	510	100	1
2,6-Dinitrotoluene	ND		ug/kg	510	87.	1
Fluoranthene	140	J	ug/kg	300	58.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	510	54.	1
4-Bromophenyl phenyl ether	ND		ug/kg	510	78.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	610	87.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	550	51.	1
Hexachlorobutadiene	ND		ug/kg	510	74.	1
Hexachlorocyclopentadiene	ND		ug/kg	1400	460	1
Hexachloroethane	ND		ug/kg	410	82.	1
Isophorone	ND		ug/kg	460	66.	1
Naphthalene	ND		ug/kg	510	62.	1
Nitrobenzene	ND		ug/kg	460	75.	1
NDPA/DPA	ND		ug/kg	410	58.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	510	78.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	510	180	1
Butyl benzyl phthalate	ND		ug/kg	510	130	1
Di-n-butylphthalate	ND		ug/kg	510	96.	1
Di-n-octylphthalate	ND		ug/kg	510	170	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-19 Date Collected: 02/16/23 09:24

Client ID: PDI017_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	510	47.	1
Dimethyl phthalate	ND		ug/kg	510	110	1
Benzo(a)anthracene	66	J	ug/kg	300	57.	1
Benzo(a)pyrene	ND		ug/kg	410	120	1
Benzo(b)fluoranthene	86	J	ug/kg	300	86.	1
Benzo(k)fluoranthene	ND		ug/kg	300	81.	1
Chrysene	64	J	ug/kg	300	53.	1
Acenaphthylene	ND		ug/kg	410	78.	1
Anthracene	ND		ug/kg	300	99.	1
Benzo(ghi)perylene	ND		ug/kg	410	60.	1
Fluorene	ND		ug/kg	510	49.	1
Phenanthrene	73	J	ug/kg	300	62.	1
Dibenzo(a,h)anthracene	ND		ug/kg	300	59.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	410	71.	1
Pyrene	120	J	ug/kg	300	50.	1
Biphenyl	ND		ug/kg	1200	66.	1
4-Chloroaniline	ND		ug/kg	510	92.	1
2-Nitroaniline	ND		ug/kg	510	98.	1
3-Nitroaniline	ND		ug/kg	510	96.	1
4-Nitroaniline	ND		ug/kg	510	210	1
Dibenzofuran	ND		ug/kg	510	48.	1
2-Methylnaphthalene	ND		ug/kg	610	61.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	510	53.	1
Acetophenone	ND		ug/kg	510	63.	1
2,4,6-Trichlorophenol	ND		ug/kg	300	96.	1
p-Chloro-m-cresol	ND		ug/kg	510	76.	1
2-Chlorophenol	ND		ug/kg	510	60.	1
2,4-Dichlorophenol	ND		ug/kg	460	82.	1
2,4-Dimethylphenol	ND		ug/kg	510	170	1
2-Nitrophenol	ND		ug/kg	1100	190	1
4-Nitrophenol	ND		ug/kg	710	210	1
2,4-Dinitrophenol	ND		ug/kg	2400	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	1300	240	1
Pentachlorophenol	ND		ug/kg	410	110	1
Phenol	ND		ug/kg	510	77.	1
2-Methylphenol	ND		ug/kg	510	79.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	730	80.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-19 Date Collected: 02/16/23 09:24

Client ID: PDI017_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	510	97.	1
Benzoic Acid	ND		ug/kg	1600	510	1
Benzyl Alcohol	ND		ug/kg	510	160	1
Carbazole	ND		ug/kg	510	49.	1
1,4-Dioxane	ND		ug/kg	76	23.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	51		10-136
4-Terphenyl-d14	53		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-20
Client ID: PDI022_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 07:42
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/25/23 14:57
Analyst: EK
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	37.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	57.	1
2,4-Dinitrotoluene	ND		ug/kg	210	43.	1
2,6-Dinitrotoluene	ND		ug/kg	210	37.	1
Fluoranthene	380		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	74.	1
Butyl benzyl phthalate	ND		ug/kg	210	54.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	73.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-20 Date Collected: 02/16/23 07:42

Client ID: PDI022_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	45.	1
Benzo(a)anthracene	190		ug/kg	130	24.	1
Benzo(a)pyrene	290		ug/kg	170	52.	1
Benzo(b)fluoranthene	340		ug/kg	130	36.	1
Benzo(k)fluoranthene	120	J	ug/kg	130	34.	1
Chrysene	220		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	51	J	ug/kg	130	42.	1
Benzo(ghi)perylene	190		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	21.	1
Phenanthrene	170		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	52	J	ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	220		ug/kg	170	30.	1
Pyrene	310		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	490	28.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	87.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	33.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-20 Date Collected: 02/16/23 07:42

Client ID: PDI022_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Benzoic Acid	ND		ug/kg	690	220	1
Benzyl Alcohol	ND		ug/kg	210	65.	1
Carbazole	51	J	ug/kg	210	21.	1
1,4-Dioxane	ND		ug/kg	32	9.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	50		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-21
Client ID: PDI022_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 07:45
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/25/23 23:19
Analyst: ALS
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	650		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	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	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	44.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-21 Date Collected: 02/16/23 07:45

Client ID: PDI022_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	260		ug/kg	110	20.	1
Benzo(a)pyrene	300		ug/kg	140	43.	1
Benzo(b)fluoranthene	360		ug/kg	110	30.	1
Benzo(k)fluoranthene	120		ug/kg	110	28.	1
Chrysene	280		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	150		ug/kg	110	34.	1
Benzo(ghi)perylene	200		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	470		ug/kg	110	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	140		ug/kg	140	25.	1
Pyrene	540		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	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	45	J	ug/kg	180	17.	1
2-Methylnaphthalene	74	J	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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-21 Date Collected: 02/16/23 07:45

Client ID: PDI022_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	54	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	48		10-136
4-Terphenyl-d14	58		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-22
Client ID: PDI022_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 07:45
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/25/23 09:03
Analyst: JG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 10:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	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	25	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	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	140	29.	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	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-22 Date Collected: 02/16/23 07:45

Client ID: PDI022_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	19	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	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	140	25.	1
Pyrene	23	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	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	75.	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	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	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-22 Date Collected: 02/16/23 07:45

Client ID: PDI022_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	69		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-23
Client ID: PDI023_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:10
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/25/23 09:27
Analyst: JG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 10:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	130	J	ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	35.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	35.	1
Fluoranthene	1200		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	410		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	71.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-23 Date Collected: 02/16/23 08:10

Client ID: PDI023_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	43.	1
Benzo(a)anthracene	420		ug/kg	120	23.	1
Benzo(a)pyrene	460		ug/kg	160	50.	1
Benzo(b)fluoranthene	610		ug/kg	120	35.	1
Benzo(k)fluoranthene	200		ug/kg	120	33.	1
Chrysene	460		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	270		ug/kg	120	40.	1
Benzo(ghi)perylene	270		ug/kg	160	24.	1
Fluorene	190	J	ug/kg	210	20.	1
Phenanthrene	1400		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	69	J	ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	310		ug/kg	160	29.	1
Pyrene	890		ug/kg	120	20.	1
Biphenyl	42	J	ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	85.	1
Dibenzofuran	230		ug/kg	210	20.	1
2-Methylnaphthalene	190	J	ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	440	78.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-23 Date Collected: 02/16/23 08:10

Client ID: PDI023_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	63.	1
Carbazole	230		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**4**	Q	25-120
Phenol-d6	17		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	51		30-120
2,4,6-Tribromophenol	11		10-136
4-Terphenyl-d14	43		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-23 RE
Client ID: PDI023_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:10
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/26/23 17:30
Analyst: IM
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 02/25/23 19:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	62	J	ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-23 RE
Client ID: PDI023_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:10
Date Received: 02/16/23
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	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	37	J	ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1
Benzo(b)fluoranthene	51	J	ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	49	J	ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	36	J	ug/kg	170	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	25	J	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	56	J	ug/kg	120	21.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-23 RE
Client ID: PDI023_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:10
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**11**	Q	25-120
Phenol-d6	47		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	**6**	Q	10-136
4-Terphenyl-d14	77		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-24
Client ID: PDI023_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:05
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/25/23 09:50
Analyst: JG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 10:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	27.	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	34.	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	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	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	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-24 Date Collected: 02/16/23 08:05

Client ID: PDI023_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	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	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	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	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	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	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-24 Date Collected: 02/16/23 08:05

Client ID: PDI023_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	60		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-25
Client ID: PDI023_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:06
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/25/23 10:14
Analyst: JG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 10:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	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	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	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	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-25 Date Collected: 02/16/23 08:06

Client ID: PDI023_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	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	190	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	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	37.	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	160	43.	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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-25 Date Collected: 02/16/23 08:06

Client ID: PDI023_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	64		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-26
Client ID: PDI024_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:30
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/25/23 10:38
Analyst: JG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 10:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	180		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-26 Date Collected: 02/16/23 08:30

Client ID: PDI024_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	72	J	ug/kg	110	21.	1
Benzo(a)pyrene	77	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	120		ug/kg	110	32.	1
Benzo(k)fluoranthene	51	J	ug/kg	110	30.	1
Chrysene	95	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	57	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	120		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	68	J	ug/kg	150	26.	1
Pyrene	140		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-26 Date Collected: 02/16/23 08:30

Client ID: PDI024_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	21	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	62		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-27
Client ID: PDI024_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:35
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/24/23 04:13
Analyst: WR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/22/23 07:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	96	J	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	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	1800		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	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	77	J	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	28.	1
Bis(2-ethylhexyl)phthalate	ND		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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-27 Date Collected: 02/16/23 08:35

Client ID: PDI024_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	600		ug/kg	110	20.	1
Benzo(a)pyrene	620		ug/kg	140	44.	1
Benzo(b)fluoranthene	1100		ug/kg	110	30.	1
Benzo(k)fluoranthene	330		ug/kg	110	29.	1
Chrysene	910		ug/kg	110	19.	1
Acenaphthylene	54	J	ug/kg	140	28.	1
Anthracene	230		ug/kg	110	35.	1
Benzo(ghi)perylene	480		ug/kg	140	21.	1
Fluorene	120	J	ug/kg	180	17.	1
Phenanthrene	1500		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	100	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	540		ug/kg	140	25.	1
Pyrene	1400		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	84	J	ug/kg	180	17.	1
2-Methylnaphthalene	120	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	67.	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	39.	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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-27 Date Collected: 02/16/23 08:35

Client ID: PDI024_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	290		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	42		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	76		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-28
Client ID: PDI024_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:35
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/25/23 11:01
Analyst: JG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 10:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		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	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	380		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	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		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	29.	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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-28 Date Collected: 02/16/23 08:35

Client ID: PDI024_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	170		ug/kg	110	21.	1
Benzo(a)pyrene	170		ug/kg	150	46.	1
Benzo(b)fluoranthene	210		ug/kg	110	32.	1
Benzo(k)fluoranthene	75	J	ug/kg	110	30.	1
Chrysene	160		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	57	J	ug/kg	110	37.	1
Benzo(ghi)perylene	90	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	270		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	25	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	110	J	ug/kg	150	26.	1
Pyrene	290		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	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	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	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-28 Date Collected: 02/16/23 08:35

Client ID: PDI024_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	41	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	58		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-29
Client ID: DUP005
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 00:00
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/26/23 21:20
Analyst: ALS
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 02/21/23 10:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	70	J	ug/kg	140	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	1800		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	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	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	25	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-29 Date Collected: 02/16/23 00:00

Client ID: DUP005 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	760		ug/kg	110	20.	1
Benzo(a)pyrene	680		ug/kg	140	44.	1
Benzo(b)fluoranthene	1100		ug/kg	110	30.	1
Benzo(k)fluoranthene	360		ug/kg	110	29.	1
Chrysene	1000		ug/kg	110	19.	1
Acenaphthylene	39	J	ug/kg	140	28.	1
Anthracene	210		ug/kg	110	35.	1
Benzo(ghi)perylene	450		ug/kg	140	21.	1
Fluorene	60	J	ug/kg	180	18.	1
Phenanthrene	1000		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	110		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	510		ug/kg	140	25.	1
Pyrene	1400		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	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	75.	1
Dibenzofuran	44	J	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	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	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-29 Date Collected: 02/16/23 00:00

Client ID: DUP005 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	180		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	80		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 02/19/23 16:01
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 02/18/23 05:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 13 Batch: WG1745914-1					
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	ND		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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 02/19/23 16:01
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 02/18/23 05:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 13 Batch: WG1745914-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	111		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	106		10-120
4-Terphenyl-d14	81		41-149

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/19/23 13:53
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 02/18/23 05:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 13 Batch: WG1745915-1					
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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/19/23 13:53
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 02/18/23 05:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 13 Batch: WG1745915-1					
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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/19/23 13:53
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 02/18/23 05:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 13 Batch: WG1745915-1					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	78		41-149

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/24/23 18:18
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12,14-21 Batch: WG1746834-1					
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	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
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	460	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	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/24/23 18:18
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12,14-21 Batch: WG1746834-1					
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	27.
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	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
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	61.

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/24/23 18:18
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 02/21/23 09:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12,14-21 Batch: WG1746834-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
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	230	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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	86		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/25/23 07:52
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 02/21/23 10:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 22-26,28-29 Batch: WG1746931-1					
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	27.
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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/25/23 07:52
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 02/21/23 10:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 22-26,28-29 Batch: WG1746931-1					
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	380	21.
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: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/25/23 07:52
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 02/21/23 10:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 22-26,28-29 Batch: WG1746931-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
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	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	79		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/23/23 23:01
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 02/22/23 07:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 27 Batch: WG1747238-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.
Hexachlorobenzene	ND		ug/kg	100	19.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
1,2-Dichlorobenzene	ND		ug/kg	170	30.
1,3-Dichlorobenzene	ND		ug/kg	170	29.
1,4-Dichlorobenzene	ND		ug/kg	170	29.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	480	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	25.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	32.
Di-n-octylphthalate	ND		ug/kg	170	56.
Diethyl phthalate	ND		ug/kg	170	15.

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/23/23 23:01
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 02/22/23 07:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 27 Batch: WG1747238-1					
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	27.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	32.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/23/23 23:01
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 02/22/23 07:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 27 Batch: WG1747238-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	78.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	170	51.
Carbazole	ND		ug/kg	170	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	80		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/25/23 13:51
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 02/24/23 21:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10-11 Batch: WG1748432-1					
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	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
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	17.
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	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/25/23 13:51
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 02/24/23 21:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10-11 Batch: WG1748432-1					
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	27.
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	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
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	61.

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/25/23 13:51
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 02/24/23 21:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10-11 Batch: WG1748432-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
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	230	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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	80		18-120

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/26/23 15:33
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 02/25/23 17:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 16,23 Batch: WG1748650-1					
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	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
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	17.
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	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/26/23 15:33
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 02/25/23 17:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 16,23 Batch: WG1748650-1					
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	27.
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	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
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	61.

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/26/23 15:33
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 02/25/23 17:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 16,23 Batch: WG1748650-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
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	230	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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	90		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 13 Batch: WG1745914-2 WG1745914-3								
Acenaphthene	64		72		40-140	12		40
2-Chloronaphthalene	66		75		40-140	13		40
Fluoranthene	74		78		40-140	5		40
Hexachlorobutadiene	66		78		40-140	17		40
Naphthalene	60		70		40-140	15		40
Benzo(a)anthracene	79		84		40-140	6		40
Benzo(a)pyrene	77		83		40-140	8		40
Benzo(b)fluoranthene	78		81		40-140	4		40
Benzo(k)fluoranthene	79		87		40-140	10		40
Chrysene	74		81		40-140	9		40
Acenaphthylene	70		78		40-140	11		40
Anthracene	71		78		40-140	9		40
Benzo(ghi)perylene	76		82		40-140	8		40
Fluorene	68		76		40-140	11		40
Phenanthrene	69		77		40-140	11		40
Dibenzo(a,h)anthracene	82		88		40-140	7		40
Indeno(1,2,3-cd)pyrene	83		92		40-140	10		40
Pyrene	74		78		40-140	5		40
2-Methylnaphthalene	63		73		40-140	15		40
Pentachlorophenol	57		57		40-140	0		40
Hexachlorobenzene	79		92		40-140	15		40
Hexachloroethane	62		77		40-140	22		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 13 Batch: WG1745914-2 WG1745914-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	53		62		21-120
Phenol-d6	48		55		10-120
Nitrobenzene-d5	94		111		23-120
2-Fluorobiphenyl	67		76		15-120
2,4,6-Tribromophenol	**128**	Q	**134**	Q	10-120
4-Terphenyl-d14	78		84		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13 Batch: WG1745915-2 WG1745915-3								
Acenaphthene	54		53		37-111	2		30
1,2,4-Trichlorobenzene	60		62		39-98	3		30
Hexachlorobenzene	61		60		40-140	2		30
Bis(2-chloroethyl)ether	48		52		40-140	8		30
2-Chloronaphthalene	58		59		40-140	2		30
1,2-Dichlorobenzene	49		54		40-140	10		30
1,3-Dichlorobenzene	47		52		40-140	10		30
1,4-Dichlorobenzene	49		51		36-97	4		30
3,3'-Dichlorobenzidine	**33**	Q	**39**	Q	40-140	17		30
2,4-Dinitrotoluene	71		68		48-143	4		30
2,6-Dinitrotoluene	71		76		40-140	7		30
Fluoranthene	67		65		40-140	3		30
4-Chlorophenyl phenyl ether	66		64		40-140	3		30
4-Bromophenyl phenyl ether	68		63		40-140	8		30
Bis(2-chloroisopropyl)ether	56		59		40-140	5		30
Bis(2-chloroethoxy)methane	51		51		40-140	0		30
Hexachlorobutadiene	58		63		40-140	8		30
Hexachlorocyclopentadiene	60		65		40-140	8		30
Hexachloroethane	45		52		40-140	14		30
Isophorone	52		51		40-140	2		30
Naphthalene	51		55		40-140	8		30
Nitrobenzene	52		57		40-140	9		30
NDPA/DPA	63		63		40-140	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13 Batch: WG1745915-2 WG1745915-3								
n-Nitrosodi-n-propylamine	52		51		29-132	2		30
Bis(2-ethylhexyl)phthalate	61		57		40-140	7		30
Butyl benzyl phthalate	64		61		40-140	5		30
Di-n-butylphthalate	60		57		40-140	5		30
Di-n-octylphthalate	58		56		40-140	4		30
Diethyl phthalate	59		58		40-140	2		30
Dimethyl phthalate	67		65		40-140	3		30
Benzo(a)anthracene	64		61		40-140	5		30
Benzo(a)pyrene	61		61		40-140	0		30
Benzo(b)fluoranthene	57		59		40-140	3		30
Benzo(k)fluoranthene	65		63		40-140	3		30
Chrysene	60		59		40-140	2		30
Acenaphthylene	62		63		45-123	2		30
Anthracene	60		61		40-140	2		30
Benzo(ghi)perylene	58		56		40-140	4		30
Fluorene	63		60		40-140	5		30
Phenanthrene	59		57		40-140	3		30
Dibenzo(a,h)anthracene	60		59		40-140	2		30
Indeno(1,2,3-cd)pyrene	68		68		40-140	0		30
Pyrene	67		64		26-127	5		30
Biphenyl	68		72		40-140	6		30
4-Chloroaniline	53		49		40-140	8		30
2-Nitroaniline	66		64		52-143	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13 Batch: WG1745915-2 WG1745915-3								
3-Nitroaniline	38		52		25-145	**31**	Q	30
4-Nitroaniline	62		59		51-143	5		30
Dibenzofuran	59		60		40-140	2		30
2-Methylnaphthalene	54		59		40-140	9		30
1,2,4,5-Tetrachlorobenzene	69		76		2-134	10		30
Acetophenone	56		62		39-129	10		30
2,4,6-Trichlorophenol	83		80		30-130	4		30
p-Chloro-m-cresol	64		59		23-97	8		30
2-Chlorophenol	55		59		27-123	7		30
2,4-Dichlorophenol	71		72		30-130	1		30
2,4-Dimethylphenol	56		31		30-130	**57**	Q	30
2-Nitrophenol	78		82		30-130	5		30
4-Nitrophenol	61		54		10-80	12		30
2,4-Dinitrophenol	**132**	Q	115		20-130	14		30
4,6-Dinitro-o-cresol	126		123		20-164	2		30
Pentachlorophenol	94		85		9-103	10		30
Phenol	40		39		12-110	3		30
2-Methylphenol	53		52		30-130	2		30
3-Methylphenol/4-Methylphenol	56		56		30-130	0		30
2,4,5-Trichlorophenol	75		78		30-130	4		30
Benzoic Acid	79		79		10-164	0		30
Benzyl Alcohol	51		53		26-116	4		30
Carbazole	62		60		55-144	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13 Batch: WG1745915-2 WG1745915-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	46		48		21-120
Phenol-d6	40		41		10-120
Nitrobenzene-d5	55		52		23-120
2-Fluorobiphenyl	60		64		15-120
2,4,6-Tribromophenol	73		71		10-120
4-Terphenyl-d14	71		72		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12,14-21 Batch: WG1746834-2 WG1746834-3								
Acenaphthene	80		84		31-137	5		50
1,2,4-Trichlorobenzene	80		89		38-107	11		50
Hexachlorobenzene	90		95		40-140	5		50
Bis(2-chloroethyl)ether	67		74		40-140	10		50
2-Chloronaphthalene	90		95		40-140	5		50
1,2-Dichlorobenzene	73		83		40-140	13		50
1,3-Dichlorobenzene	73		82		40-140	12		50
1,4-Dichlorobenzene	72		82		28-104	13		50
3,3'-Dichlorobenzidine	73		73		40-140	0		50
2,4-Dinitrotoluene	99		104		40-132	5		50
2,6-Dinitrotoluene	103		107		40-140	4		50
Fluoranthene	90		94		40-140	4		50
4-Chlorophenyl phenyl ether	89		94		40-140	5		50
4-Bromophenyl phenyl ether	92		97		40-140	5		50
Bis(2-chloroisopropyl)ether	91		101		40-140	10		50
Bis(2-chloroethoxy)methane	75		79		40-117	5		50
Hexachlorobutadiene	85		96		40-140	12		50
Hexachlorocyclopentadiene	**34**	Q	**39**	Q	40-140	14		50
Hexachloroethane	69		78		40-140	12		50
Isophorone	76		82		40-140	8		50
Naphthalene	78		88		40-140	12		50
Nitrobenzene	79		86		40-140	8		50
NDPA/DPA	90		94		36-157	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12,14-21 Batch: WG1746834-2 WG1746834-3								
n-Nitrosodi-n-propylamine	76		83		32-121	9		50
Bis(2-ethylhexyl)phthalate	85		89		40-140	5		50
Butyl benzyl phthalate	97		101		40-140	4		50
Di-n-butylphthalate	84		89		40-140	6		50
Di-n-octylphthalate	90		94		40-140	4		50
Diethyl phthalate	88		91		40-140	3		50
Dimethyl phthalate	98		101		40-140	3		50
Benzo(a)anthracene	82		87		40-140	6		50
Benzo(a)pyrene	86		90		40-140	5		50
Benzo(b)fluoranthene	84		89		40-140	6		50
Benzo(k)fluoranthene	80		83		40-140	4		50
Chrysene	81		85		40-140	5		50
Acenaphthylene	98		104		40-140	6		50
Anthracene	82		87		40-140	6		50
Benzo(ghi)perylene	76		80		40-140	5		50
Fluorene	89		92		40-140	3		50
Phenanthrene	80		85		40-140	6		50
Dibenzo(a,h)anthracene	75		80		40-140	6		50
Indeno(1,2,3-cd)pyrene	86		91		40-140	6		50
Pyrene	90		94		35-142	4		50
Biphenyl	93		100		37-127	7		50
4-Chloroaniline	81		78		40-140	4		50
2-Nitroaniline	107		114		47-134	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12,14-21 Batch: WG1746834-2 WG1746834-3

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
3-Nitroaniline	95		93		26-129	2		50
4-Nitroaniline	100		106		41-125	6		50
Dibenzofuran	86		91		40-140	6		50
2-Methylnaphthalene	85		93		40-140	9		50
1,2,4,5-Tetrachlorobenzene	98		107		40-117	9		50
Acetophenone	78		86		14-144	10		50
2,4,6-Trichlorophenol	108		112		30-130	4		50
p-Chloro-m-cresol	99		103		26-103	4		50
2-Chlorophenol	81		89		25-102	9		50
2,4-Dichlorophenol	95		99		30-130	4		50
2,4-Dimethylphenol	80		85		30-130	6		50
2-Nitrophenol	90		98		30-130	9		50
4-Nitrophenol	108		111		11-114	3		50
2,4-Dinitrophenol	23		27		4-130	16		50
4,6-Dinitro-o-cresol	43		49		10-130	13		50
Pentachlorophenol	76		80		17-109	5		50
Phenol	75		81		26-90	8		50
2-Methylphenol	82		86		30-130.	5		50
3-Methylphenol/4-Methylphenol	91		95		30-130	4		50
2,4,5-Trichlorophenol	116		118		30-130	2		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50
Benzyl Alcohol	81		89		40-140	9		50
Carbazole	85		89		54-128	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12,14-21 Batch: WG1746834-2 WG1746834-3								
1,4-Dioxane	51		58		40-140	13		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		88		25-120
Phenol-d6	79		86		10-120
Nitrobenzene-d5	81		88		23-120
2-Fluorobiphenyl	91		96		30-120
2,4,6-Tribromophenol	99		101		10-136
4-Terphenyl-d14	85		88		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 22-26,28-29 Batch: WG1746931-2 WG1746931-3								
Acenaphthene	73		68		31-137	7		50
1,2,4-Trichlorobenzene	79		78		38-107	1		50
Hexachlorobenzene	80		76		40-140	5		50
Bis(2-chloroethyl)ether	68		66		40-140	3		50
2-Chloronaphthalene	81		76		40-140	6		50
1,2-Dichlorobenzene	74		72		40-140	3		50
1,3-Dichlorobenzene	72		70		40-140	3		50
1,4-Dichlorobenzene	71		69		28-104	3		50
3,3'-Dichlorobenzidine	60		63		40-140	5		50
2,4-Dinitrotoluene	80		75		40-132	6		50
2,6-Dinitrotoluene	82		81		40-140	1		50
Fluoranthene	77		73		40-140	5		50
4-Chlorophenyl phenyl ether	80		74		40-140	8		50
4-Bromophenyl phenyl ether	82		80		40-140	2		50
Bis(2-chloroisopropyl)ether	**38**	Q	**36**	Q	40-140	5		50
Bis(2-chloroethoxy)methane	70		68		40-117	3		50
Hexachlorobutadiene	76		70		40-140	8		50
Hexachlorocyclopentadiene	72		71		40-140	1		50
Hexachloroethane	57		56		40-140	2		50
Isophorone	69		68		40-140	1		50
Naphthalene	77		73		40-140	5		50
Nitrobenzene	70		67		40-140	4		50
NDPA/DPA	80		76		36-157	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 22-26,28-29 Batch: WG1746931-2 WG1746931-3								
n-Nitrosodi-n-propylamine	68		66		32-121	3		50
Bis(2-ethylhexyl)phthalate	66		62		40-140	6		50
Butyl benzyl phthalate	68		65		40-140	5		50
Di-n-butylphthalate	68		65		40-140	5		50
Di-n-octylphthalate	69		65		40-140	6		50
Diethyl phthalate	69		66		40-140	4		50
Dimethyl phthalate	78		74		40-140	5		50
Benzo(a)anthracene	74		71		40-140	4		50
Benzo(a)pyrene	85		80		40-140	6		50
Benzo(b)fluoranthene	81		77		40-140	5		50
Benzo(k)fluoranthene	85		78		40-140	9		50
Chrysene	71		69		40-140	3		50
Acenaphthylene	82		78		40-140	5		50
Anthracene	73		70		40-140	4		50
Benzo(ghi)perylene	75		71		40-140	5		50
Fluorene	78		74		40-140	5		50
Phenanthrene	73		70		40-140	4		50
Dibenzo(a,h)anthracene	77		72		40-140	7		50
Indeno(1,2,3-cd)pyrene	85		83		40-140	2		50
Pyrene	75		72		35-142	4		50
Biphenyl	82		79		37-127	4		50
4-Chloroaniline	51		61		40-140	18		50
2-Nitroaniline	84		83		47-134	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 22-26,28-29 Batch: WG1746931-2 WG1746931-3								
3-Nitroaniline	55		60		26-129	9		50
4-Nitroaniline	74		72		41-125	3		50
Dibenzofuran	79		74		40-140	7		50
2-Methylnaphthalene	80		77		40-140	4		50
1,2,4,5-Tetrachlorobenzene	89		84		40-117	6		50
Acetophenone	76		76		14-144	0		50
2,4,6-Trichlorophenol	89		85		30-130	5		50
p-Chloro-m-cresol	79		73		26-103	8		50
2-Chlorophenol	76		74		25-102	3		50
2,4-Dichlorophenol	80		79		30-130	1		50
2,4-Dimethylphenol	73		73		30-130	0		50
2-Nitrophenol	78		76		30-130	3		50
4-Nitrophenol	67		64		11-114	5		50
2,4-Dinitrophenol	66		59		4-130	11		50
4,6-Dinitro-o-cresol	88		80		10-130	10		50
Pentachlorophenol	73		69		17-109	6		50
Phenol	80		78		26-90	3		50
2-Methylphenol	79		77		30-130.	3		50
3-Methylphenol/4-Methylphenol	81		78		30-130	4		50
2,4,5-Trichlorophenol	94		89		30-130	5		50
Benzoic Acid	19		13		10-110	38		50
Benzyl Alcohol	78		78		40-140	0		50
Carbazole	76		73		54-128	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 22-26,28-29 Batch: WG1746931-2 WG1746931-3								
1,4-Dioxane	46		46		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	76		73		25-120
Phenol-d6	79		77		10-120
Nitrobenzene-d5	69		66		23-120
2-Fluorobiphenyl	82		78		30-120
2,4,6-Tribromophenol	81		74		10-136
4-Terphenyl-d14	75		71		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 27 Batch: WG1747238-2 WG1747238-3								
Acenaphthene	72		75		31-137	4		50
1,2,4-Trichlorobenzene	62		63		38-107	2		50
Hexachlorobenzene	76		79		40-140	4		50
Bis(2-chloroethyl)ether	72		74		40-140	3		50
2-Chloronaphthalene	70		72		40-140	3		50
1,2-Dichlorobenzene	65		67		40-140	3		50
1,3-Dichlorobenzene	66		68		40-140	3		50
1,4-Dichlorobenzene	66		68		28-104	3		50
3,3'-Dichlorobenzidine	55		66		40-140	18		50
2,4-Dinitrotoluene	83		87		40-132	5		50
2,6-Dinitrotoluene	77		80		40-140	4		50
Fluoranthene	72		76		40-140	5		50
4-Chlorophenyl phenyl ether	68		72		40-140	6		50
4-Bromophenyl phenyl ether	74		77		40-140	4		50
Bis(2-chloroisopropyl)ether	59		62		40-140	5		50
Bis(2-chloroethoxy)methane	76		79		40-117	4		50
Hexachlorobutadiene	63		64		40-140	2		50
Hexachlorocyclopentadiene	44		45		40-140	2		50
Hexachloroethane	64		65		40-140	2		50
Isophorone	73		76		40-140	4		50
Naphthalene	70		71		40-140	1		50
Nitrobenzene	75		79		40-140	5		50
NDPA/DPA	75		79		36-157	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 27 Batch: WG1747238-2 WG1747238-3								
n-Nitrosodi-n-propylamine	75		78		32-121	4		50
Bis(2-ethylhexyl)phthalate	86		91		40-140	6		50
Butyl benzyl phthalate	84		92		40-140	9		50
Di-n-butylphthalate	78		84		40-140	7		50
Di-n-octylphthalate	90		95		40-140	5		50
Diethyl phthalate	74		78		40-140	5		50
Dimethyl phthalate	72		76		40-140	5		50
Benzo(a)anthracene	68		72		40-140	6		50
Benzo(a)pyrene	77		82		40-140	6		50
Benzo(b)fluoranthene	76		82		40-140	8		50
Benzo(k)fluoranthene	72		76		40-140	5		50
Chrysene	69		73		40-140	6		50
Acenaphthylene	74		77		40-140	4		50
Anthracene	75		78		40-140	4		50
Benzo(ghi)perylene	71		75		40-140	5		50
Fluorene	74		77		40-140	4		50
Phenanthrene	72		77		40-140	7		50
Dibenzo(a,h)anthracene	68		72		40-140	6		50
Indeno(1,2,3-cd)pyrene	78		81		40-140	4		50
Pyrene	72		77		35-142	7		50
Biphenyl	73		76		37-127	4		50
4-Chloroaniline	**39**	Q	63		40-140	47		50
2-Nitroaniline	87		92		47-134	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 27 Batch: WG1747238-2 WG1747238-3								
3-Nitroaniline	71		80		26-129	12		50
4-Nitroaniline	86		94		41-125	9		50
Dibenzofuran	74		78		40-140	5		50
2-Methylnaphthalene	74		74		40-140	0		50
1,2,4,5-Tetrachlorobenzene	68		72		40-117	6		50
Acetophenone	72		74		14-144	3		50
2,4,6-Trichlorophenol	73		74		30-130	1		50
p-Chloro-m-cresol	85		90		26-103	6		50
2-Chlorophenol	71		74		25-102	4		50
2,4-Dichlorophenol	75		76		30-130	1		50
2,4-Dimethylphenol	75		78		30-130	4		50
2-Nitrophenol	77		78		30-130	1		50
4-Nitrophenol	78		81		11-114	4		50
2,4-Dinitrophenol	55		61		4-130	10		50
4,6-Dinitro-o-cresol	83		88		10-130	6		50
Pentachlorophenol	56		59		17-109	5		50
Phenol	75		78		26-90	4		50
2-Methylphenol	77		80		30-130.	4		50
3-Methylphenol/4-Methylphenol	84		87		30-130	4		50
2,4,5-Trichlorophenol	74		76		30-130	3		50
Benzoic Acid	14		14		10-110	0		50
Benzyl Alcohol	77		81		40-140	5		50
Carbazole	76		82		54-128	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 27 Batch: WG1747238-2 WG1747238-3								
1,4-Dioxane	62		62		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	76		78		25-120
Phenol-d6	77		80		10-120
Nitrobenzene-d5	76		78		23-120
2-Fluorobiphenyl	69		71		30-120
2,4,6-Tribromophenol	90		90		10-136
4-Terphenyl-d14	67		71		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

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: WG1748432-2 WG1748432-3								
Acenaphthene	78		80		31-137	3		50
1,2,4-Trichlorobenzene	73		76		38-107	4		50
Hexachlorobenzene	75		75		40-140	0		50
Bis(2-chloroethyl)ether	68		74		40-140	8		50
2-Chloronaphthalene	77		76		40-140	1		50
1,2-Dichlorobenzene	73		78		40-140	7		50
1,3-Dichlorobenzene	74		79		40-140	7		50
1,4-Dichlorobenzene	72		78		28-104	8		50
3,3'-Dichlorobenzidine	70		68		40-140	3		50
2,4-Dinitrotoluene	106		100		40-132	6		50
2,6-Dinitrotoluene	90		86		40-140	5		50
Fluoranthene	81		80		40-140	1		50
4-Chlorophenyl phenyl ether	79		77		40-140	3		50
4-Bromophenyl phenyl ether	79		74		40-140	7		50
Bis(2-chloroisopropyl)ether	59		62		40-140	5		50
Bis(2-chloroethoxy)methane	70		71		40-117	1		50
Hexachlorobutadiene	75		79		40-140	5		50
Hexachlorocyclopentadiene	87		89		40-140	2		50
Hexachloroethane	74		79		40-140	7		50
Isophorone	66		68		40-140	3		50
Naphthalene	76		80		40-140	5		50
Nitrobenzene	70		74		40-140	6		50
NDPA/DPA	79		77		36-157	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

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: WG1748432-2 WG1748432-3								
n-Nitrosodi-n-propylamine	69		72		32-121	4		50
Bis(2-ethylhexyl)phthalate	95		91		40-140	4		50
Butyl benzyl phthalate	91		83		40-140	9		50
Di-n-butylphthalate	86		84		40-140	2		50
Di-n-octylphthalate	102		96		40-140	6		50
Diethyl phthalate	80		76		40-140	5		50
Dimethyl phthalate	76		72		40-140	5		50
Benzo(a)anthracene	80		82		40-140	2		50
Benzo(a)pyrene	83		91		40-140	9		50
Benzo(b)fluoranthene	82		89		40-140	8		50
Benzo(k)fluoranthene	81		86		40-140	6		50
Chrysene	80		81		40-140	1		50
Acenaphthylene	77		75		40-140	3		50
Anthracene	81		84		40-140	4		50
Benzo(ghi)perylene	77		88		40-140	13		50
Fluorene	78		78		40-140	0		50
Phenanthrene	77		82		40-140	6		50
Dibenzo(a,h)anthracene	75		85		40-140	13		50
Indeno(1,2,3-cd)pyrene	82		93		40-140	13		50
Pyrene	81		80		35-142	1		50
Biphenyl	77		78		37-127	1		50
4-Chloroaniline	**37**	Q	**32**	Q	40-140	14		50
2-Nitroaniline	89		85		47-134	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

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: WG1748432-2 WG1748432-3								
3-Nitroaniline	61		54		26-129	12		50
4-Nitroaniline	83		80		41-125	4		50
Dibenzofuran	79		80		40-140	1		50
2-Methylnaphthalene	77		79		40-140	3		50
1,2,4,5-Tetrachlorobenzene	78		81		40-117	4		50
Acetophenone	77		81		14-144	5		50
2,4,6-Trichlorophenol	81		81		30-130	0		50
p-Chloro-m-cresol	78		77		26-103	1		50
2-Chlorophenol	80		84		25-102	5		50
2,4-Dichlorophenol	79		79		30-130	0		50
2,4-Dimethylphenol	71		76		30-130	7		50
2-Nitrophenol	92		96		30-130	4		50
4-Nitrophenol	74		70		11-114	6		50
2,4-Dinitrophenol	84		78		4-130	7		50
4,6-Dinitro-o-cresol	108		101		10-130	7		50
Pentachlorophenol	81		71		17-109	13		50
Phenol	74		78		26-90	5		50
2-Methylphenol	73		77		30-130.	5		50
3-Methylphenol/4-Methylphenol	74		77		30-130	4		50
2,4,5-Trichlorophenol	83		83		30-130	0		50
Benzoic Acid	48		45		10-110	6		50
Benzyl Alcohol	68		70		40-140	3		50
Carbazole	81		84		54-128	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

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: WG1748432-2 WG1748432-3								
1,4-Dioxane	60		67		40-140	11		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		83		25-120
Phenol-d6	74		79		10-120
Nitrobenzene-d5	74		76		23-120
2-Fluorobiphenyl	75		74		30-120
2,4,6-Tribromophenol	81		76		10-136
4-Terphenyl-d14	76		72		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16,23 Batch: WG1748650-2 WG1748650-3								
Acenaphthene	47		44		31-137	7		50
1,2,4-Trichlorobenzene	46		45		38-107	2		50
Hexachlorobenzene	48		43		40-140	11		50
Bis(2-chloroethyl)ether	50		48		40-140	4		50
2-Chloronaphthalene	51		47		40-140	8		50
1,2-Dichlorobenzene	42		40		40-140	5		50
1,3-Dichlorobenzene	40		40		40-140	0		50
1,4-Dichlorobenzene	42		41		28-104	2		50
3,3'-Dichlorobenzidine	58		54		40-140	7		50
2,4-Dinitrotoluene	49		48		40-132	2		50
2,6-Dinitrotoluene	51		49		40-140	4		50
Fluoranthene	50		50		40-140	0		50
4-Chlorophenyl phenyl ether	46		43		40-140	7		50
4-Bromophenyl phenyl ether	48		45		40-140	6		50
Bis(2-chloroisopropyl)ether	49		47		40-140	4		50
Bis(2-chloroethoxy)methane	55		53		40-117	4		50
Hexachlorobutadiene	46		44		40-140	4		50
Hexachlorocyclopentadiene	**10**	Q	**10**	Q	40-140	0		50
Hexachloroethane	48		47		40-140	2		50
Isophorone	56		55		40-140	2		50
Naphthalene	46		46		40-140	0		50
Nitrobenzene	53		53		40-140	0		50
NDPA/DPA	48		46		36-157	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16,23 Batch: WG1748650-2 WG1748650-3								
n-Nitrosodi-n-propylamine	60		57		32-121	5		50
Bis(2-ethylhexyl)phthalate	56		52		40-140	7		50
Butyl benzyl phthalate	55		57		40-140	4		50
Di-n-butylphthalate	55		54		40-140	2		50
Di-n-octylphthalate	56		53		40-140	6		50
Diethyl phthalate	52		50		40-140	4		50
Dimethyl phthalate	53		50		40-140	6		50
Benzo(a)anthracene	48		45		40-140	6		50
Benzo(a)pyrene	51		47		40-140	8		50
Benzo(b)fluoranthene	47		43		40-140	9		50
Benzo(k)fluoranthene	50		48		40-140	4		50
Chrysene	48		45		40-140	6		50
Acenaphthylene	53		50		40-140	6		50
Anthracene	51		49		40-140	4		50
Benzo(ghi)perylene	50		44		40-140	13		50
Fluorene	47		45		40-140	4		50
Phenanthrene	49		46		40-140	6		50
Dibenzo(a,h)anthracene	50		45		40-140	11		50
Indeno(1,2,3-cd)pyrene	54		50		40-140	8		50
Pyrene	52		52		35-142	0		50
Biphenyl	47		46		37-127	2		50
4-Chloroaniline	40		**37**	Q	40-140	8		50
2-Nitroaniline	52		51		47-134	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16,23 Batch: WG1748650-2 WG1748650-3								
3-Nitroaniline	37		36		26-129	3		50
4-Nitroaniline	45		44		41-125	2		50
Dibenzofuran	47		44		40-140	7		50
2-Methylnaphthalene	47		46		40-140	2		50
1,2,4,5-Tetrachlorobenzene	52		50		40-117	4		50
Acetophenone	57		57		14-144	0		50
2,4,6-Trichlorophenol	52		50		30-130	4		50
p-Chloro-m-cresol	59		57		26-103	3		50
2-Chlorophenol	48		45		25-102	6		50
2,4-Dichlorophenol	50		48		30-130	4		50
2,4-Dimethylphenol	54		53		30-130	2		50
2-Nitrophenol	52		49		30-130	6		50
4-Nitrophenol	53		50		11-114	6		50
2,4-Dinitrophenol	24		23		4-130	4		50
4,6-Dinitro-o-cresol	42		41		10-130	2		50
Pentachlorophenol	29		28		17-109	4		50
Phenol	51		48		26-90	6		50
2-Methylphenol	49		48		30-130.	2		50
3-Methylphenol/4-Methylphenol	50		47		30-130	6		50
2,4,5-Trichlorophenol	49		47		30-130	4		50
Benzoic Acid	34		31		10-110	9		50
Benzyl Alcohol	54		54		40-140	0		50
Carbazole	**53**	Q	**50**	Q	54-128	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16,23 Batch: WG1748650-2 WG1748650-3								
1,4-Dioxane	54		54		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		75		25-120
Phenol-d6	79		79		10-120
Nitrobenzene-d5	82		81		23-120
2-Fluorobiphenyl	74		70		30-120
2,4,6-Tribromophenol	75		70		10-136
4-Terphenyl-d14	73		70		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202
Lab Number: L2308471
Report Date: 02/27/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Client ID: PDI017_5	Associated sample(s): 01-12,14-21		QC Batch ID: WG1746834-4			WG1746834-5			QC Sample: L2308471-19			
Acenaphthene	ND	4320	3200	74		2900	70		31-137	10		50
1,2,4-Trichlorobenzene	ND	4320	3400	79		3200	77		38-107	6		50
Hexachlorobenzene	ND	4320	3600	83		3100	75		40-140	15		50
Bis(2-chloroethyl)ether	ND	4320	2900	67		2700	65		40-140	7		50
2-Chloronaphthalene	ND	4320	3500	81		3200	77		40-140	9		50
1,2-Dichlorobenzene	ND	4320	3100	72		2900	70		40-140	7		50
1,3-Dichlorobenzene	ND	4320	3100	72		2900	70		40-140	7		50
1,4-Dichlorobenzene	ND	4320	3000	69		2900	70		28-104	3		50
3,3'-Dichlorobenzidine	ND	4320	3200	74		2700	65		40-140	17		50
2,4-Dinitrotoluene	ND	4320	3000	69		2700	65		40-132	11		50
2,6-Dinitrotoluene	ND	4320	3200	74		2900	70		40-140	10		50
Fluoranthene	140J	4320	3700	86		3200	77		40-140	14		50
4-Chlorophenyl phenyl ether	ND	4320	3500	81		3000	72		40-140	15		50
4-Bromophenyl phenyl ether	ND	4320	3700	86		3100	75		40-140	18		50
Bis(2-chloroisopropyl)ether	ND	4320	1600	**37**	Q	1500	**36**	Q	40-140	6		50
Bis(2-chloroethoxy)methane	ND	4320	3000	69		2700	65		40-117	11		50
Hexachlorobutadiene	ND	4320	3200	74		3100	75		40-140	3		50
Hexachlorocyclopentadiene	ND	4320	970J	**22**	Q	650J	**16**	Q	40-140	40		50
Hexachloroethane	ND	4320	2100	49		1900	46		40-140	10		50
Isophorone	ND	4320	3000	69		2700	65		40-140	11		50
Naphthalene	ND	4320	3300	76		3100	75		40-140	6		50
Nitrobenzene	ND	4320	2900	67		2700	65		40-140	7		50
NDPA/DPA	ND	4320	3400	79		3000	72		36-157	13		50

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202
Lab Number: L2308471
Report Date: 02/27/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12,14-21 QC Batch ID: WG1746834-4 WG1746834-5 QC Sample: L2308471-19 Client ID: PDI017_5												
n-Nitrosodi-n-propylamine	ND	4320	2800	65		2600	63		32-121	7		50
Bis(2-ethylhexyl)phthalate	ND	4320	2900	67		2500	60		40-140	15		50
Butyl benzyl phthalate	ND	4320	2900	67		2600	63		40-140	11		50
Di-n-butylphthalate	ND	4320	3000	69		2600	63		40-140	14		50
Di-n-octylphthalate	ND	4320	3000	69		2700	65		40-140	11		50
Diethyl phthalate	ND	4320	3000	69		2600	63		40-140	14		50
Dimethyl phthalate	ND	4320	3200	74		2900	70		40-140	10		50
Benzo(a)anthracene	66J	4320	3400	79		3000	72		40-140	13		50
Benzo(a)pyrene	ND	4320	3700	86		3300	80		40-140	11		50
Benzo(b)fluoranthene	86J	4320	3600	83		3200	77		40-140	12		50
Benzo(k)fluoranthene	ND	4320	3400	79		3000	72		40-140	13		50
Chrysene	64J	4320	3200	74		2900	70		40-140	10		50
Acenaphthylene	ND	4320	3700	86		3300	80		40-140	11		50
Anthracene	ND	4320	3300	76		2900	70		40-140	13		50
Benzo(ghi)perylene	ND	4320	3200	74		2800	67		40-140	13		50
Fluorene	ND	4320	3500	81		3000	72		40-140	15		50
Phenanthrene	73J	4320	3400	79		3000	72		40-140	13		50
Dibenzo(a,h)anthracene	ND	4320	3200	74		2900	70		40-140	10		50
Indeno(1,2,3-cd)pyrene	ND	4320	3700	86		3300	80		40-140	11		50
Pyrene	120J	4320	3500	81		3100	75		35-142	12		50
Biphenyl	ND	4320	3500	81		3200	77		37-127	9		50
4-Chloroaniline	ND	4320	2400	55		2100	51		40-140	13		50
2-Nitroaniline	ND	4320	3800	88		3400	82		47-134	11		50

Matrix Spike Analysis

Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Client ID: PDI017_5	Associated sample(s): 01-12,14-21		QC Batch ID: WG1746834-4			WG1746834-5			QC Sample: L2308471-19			
3-Nitroaniline	ND	4320	3400	79		3000	72		26-129	13		50
4-Nitroaniline	ND	4320	3600	83		3100	75		41-125	15		50
Dibenzofuran	ND	4320	3500	81		3100	75		40-140	12		50
2-Methylnaphthalene	ND	4320	3400	79		3200	77		40-140	6		50
1,2,4,5-Tetrachlorobenzene	ND	4320	3900	90		3600	87		40-117	8		50
Acetophenone	ND	4320	3300	76		3100	75		14-144	6		50
2,4,6-Trichlorophenol	ND	4320	3800	88		3500	84		30-130	8		50
p-Chloro-m-cresol	ND	4320	3200	74		2900	70		26-103	10		50
2-Chlorophenol	ND	4320	3300	76		3000	72		25-102	10		50
2,4-Dichlorophenol	ND	4320	3500	81		3100	75		30-130	12		50
2,4-Dimethylphenol	ND	4320	2700	62		2300	55		30-130	16		50
2-Nitrophenol	ND	4320	2800	65		2500	60		30-130	11		50
4-Nitrophenol	ND	4320	2400	55		2100	51		11-114	13		50
2,4-Dinitrophenol	ND	4320	ND	**0**	Q	ND	**0**	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	4320	570J	13		330J	**8**	Q	10-130	**53**	Q	50
Pentachlorophenol	ND	4320	2700	62		2500	60		17-109	8		50
Phenol	ND	4320	3400	79		3100	75		26-90	9		50
2-Methylphenol	ND	4320	3300	76		3000	72		30-130.	10		50
3-Methylphenol/4-Methylphenol	ND	4320	3400	79		3100	75		30-130	9		50
2,4,5-Trichlorophenol	ND	4320	4000	92		3600	87		30-130	11		50
Benzoic Acid	ND	4320	ND	**0**	Q	ND	**0**	Q	10-110	NC		50
Benzyl Alcohol	ND	4320	3300	76		3000	72		40-140	10		50
Carbazole	ND	4320	3400	79		2900	70		54-128	16		50

Matrix Spike Analysis

Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12,14-21 QC Batch ID: WG1746834-4 WG1746834-5 QC Sample: L2308471-19 Client ID: PDI017_5												
1,4-Dioxane	ND	4320	2000	46		1900	46		40-140	5		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	83		75		10-136
2-Fluorobiphenyl	81		75		30-120
2-Fluorophenol	74		73		25-120
4-Terphenyl-d14	74		67		18-120
Nitrobenzene-d5	68		66		23-120
Phenol-d6	76		74		10-120

PCBS

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-13
Client ID: EQUIPMENT BLANK
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 11:08
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 02/20/23 22:38
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 02/19/23 18:50
Cleanup Method: EPA 3665A
Cleanup Date: 02/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
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	96		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/20/23 20:35
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 02/19/23 18:50
Cleanup Method: EPA 3665A
Cleanup Date: 02/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 13 Batch: WG1746257-1						
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	89		30-150	A
Decachlorobiphenyl	102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	107		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308471

Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 13 Batch: WG1746257-2 WG1746257-3									
Aroclor 1016	89		78		40-140	13		50	A
Aroclor 1260	80		76		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		83		30-150	A
Decachlorobiphenyl	105		104		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		79		30-150	B
Decachlorobiphenyl	107		104		30-150	B

METALS

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-01 Date Collected: 02/16/23 09:47

Client ID: PDI013_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	5550		mg/kg	8.65	2.34	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW
Antimony, Total	0.579	J	mg/kg	4.32	0.329	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW
Arsenic, Total	2.84		mg/kg	0.865	0.180	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW
Barium, Total	201		mg/kg	0.865	0.150	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.329	J	mg/kg	0.432	0.029	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.327	J	mg/kg	0.865	0.085	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW
Calcium, Total	7950		mg/kg	8.65	3.03	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW
Chromium, Total	13.8		mg/kg	0.865	0.083	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW
Cobalt, Total	5.25		mg/kg	1.73	0.144	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW
Copper, Total	17.2		mg/kg	0.865	0.223	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW
Iron, Total	12600		mg/kg	4.32	0.781	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW
Lead, Total	818		mg/kg	4.32	0.232	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW
Magnesium, Total	2100		mg/kg	8.65	1.33	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW
Manganese, Total	329		mg/kg	0.865	0.138	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.080	0.052	1	02/21/23 23:20	02/22/23 20:45	EPA 7471B	1,7471B	DJR
Nickel, Total	9.01		mg/kg	2.16	0.209	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW
Potassium, Total	708		mg/kg	216	12.4	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.73	0.223	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.432	0.245	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW
Sodium, Total	430		mg/kg	173	2.72	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.73	0.272	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW
Vanadium, Total	18.3		mg/kg	0.865	0.176	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW
Zinc, Total	163		mg/kg	4.32	0.253	2	02/21/23 22:30	02/22/23 12:34	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-02 Date Collected: 02/16/23 09:47

Client ID: PDI013_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8840		mg/kg	8.73	2.36	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW
Antimony, Total	0.538	J	mg/kg	4.36	0.332	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW
Arsenic, Total	4.20		mg/kg	0.873	0.182	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW
Barium, Total	66.1		mg/kg	0.873	0.152	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.496		mg/kg	0.436	0.029	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.166	J	mg/kg	0.873	0.086	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW
Calcium, Total	1600		mg/kg	8.73	3.06	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW
Chromium, Total	23.4		mg/kg	0.873	0.084	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW
Cobalt, Total	6.09		mg/kg	1.75	0.145	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW
Copper, Total	12.6		mg/kg	0.873	0.225	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW
Iron, Total	13800		mg/kg	4.36	0.788	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW
Lead, Total	53.7		mg/kg	4.36	0.234	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW
Magnesium, Total	1990		mg/kg	8.73	1.34	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW
Manganese, Total	214		mg/kg	0.873	0.139	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.084	0.055	1	02/21/23 23:20	02/22/23 20:49	EPA 7471B	1,7471B	DJR
Nickel, Total	23.6		mg/kg	2.18	0.211	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW
Potassium, Total	398		mg/kg	218	12.6	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.75	0.225	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.436	0.247	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW
Sodium, Total	518		mg/kg	175	2.75	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.75	0.275	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW
Vanadium, Total	24.0		mg/kg	0.873	0.177	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW
Zinc, Total	50.4		mg/kg	4.36	0.256	2	02/21/23 22:30	02/22/23 12:38	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-03 Date Collected: 02/16/23 09:49

Client ID: PDI013_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6810		mg/kg	10.4	2.80	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	5.19	0.395	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW
Arsenic, Total	2.98		mg/kg	1.04	0.216	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW
Barium, Total	31.6		mg/kg	1.04	0.181	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.353	J	mg/kg	0.519	0.034	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.128	J	mg/kg	1.04	0.102	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW
Calcium, Total	936		mg/kg	10.4	3.64	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW
Chromium, Total	15.1		mg/kg	1.04	0.100	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW
Cobalt, Total	5.02		mg/kg	2.08	0.172	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW
Copper, Total	16.2		mg/kg	1.04	0.268	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW
Iron, Total	13000		mg/kg	5.19	0.938	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW
Lead, Total	18.4		mg/kg	5.19	0.278	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW
Magnesium, Total	3340		mg/kg	10.4	1.60	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW
Manganese, Total	181		mg/kg	1.04	0.165	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.094	0.061	1	02/21/23 23:20	02/22/23 20:52	EPA 7471B	1,7471B	DJR
Nickel, Total	11.8		mg/kg	2.60	0.251	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW
Potassium, Total	2450		mg/kg	260	15.0	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	2.08	0.268	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.519	0.294	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW
Sodium, Total	330		mg/kg	208	3.27	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	2.08	0.327	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW
Vanadium, Total	26.3		mg/kg	1.04	0.211	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW
Zinc, Total	32.7		mg/kg	5.19	0.304	2	02/21/23 22:30	02/22/23 12:41	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-04 Date Collected: 02/16/23 10:00

Client ID: PDI014_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	4590		mg/kg	8.64	2.33	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	4.32	0.328	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW
Arsenic, Total	3.02		mg/kg	0.864	0.180	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW
Barium, Total	37.6		mg/kg	0.864	0.150	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.314	J	mg/kg	0.432	0.029	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.140	J	mg/kg	0.864	0.085	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW
Calcium, Total	5230		mg/kg	8.64	3.02	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW
Chromium, Total	10.8		mg/kg	0.864	0.083	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW
Cobalt, Total	3.82		mg/kg	1.73	0.143	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW
Copper, Total	11.0		mg/kg	0.864	0.223	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW
Iron, Total	8980		mg/kg	4.32	0.780	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW
Lead, Total	51.3		mg/kg	4.32	0.231	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW
Magnesium, Total	2530		mg/kg	8.64	1.33	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW
Manganese, Total	172		mg/kg	0.864	0.137	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW
Mercury, Total	0.101		mg/kg	0.076	0.050	1	02/21/23 23:20	02/22/23 20:55	EPA 7471B	1,7471B	DJR
Nickel, Total	9.54		mg/kg	2.16	0.209	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW
Potassium, Total	730		mg/kg	216	12.4	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.73	0.223	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.432	0.244	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW
Sodium, Total	177		mg/kg	173	2.72	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.73	0.272	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW
Vanadium, Total	15.7		mg/kg	0.864	0.175	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW
Zinc, Total	45.8		mg/kg	4.32	0.253	2	02/21/23 22:30	02/22/23 12:44	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-05 Date Collected: 02/16/23 10:03

Client ID: PDI014_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5900		mg/kg	9.62	2.60	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	4.81	0.366	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW
Arsenic, Total	5.22		mg/kg	0.962	0.200	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW
Barium, Total	22.5		mg/kg	0.962	0.167	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.356	J	mg/kg	0.481	0.032	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.100	J	mg/kg	0.962	0.094	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW
Calcium, Total	620		mg/kg	9.62	3.37	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW
Chromium, Total	8.74		mg/kg	0.962	0.092	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW
Cobalt, Total	4.50		mg/kg	1.92	0.160	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW
Copper, Total	7.78		mg/kg	0.962	0.248	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW
Iron, Total	12800		mg/kg	4.81	0.869	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW
Lead, Total	7.09		mg/kg	4.81	0.258	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW
Magnesium, Total	1630		mg/kg	9.62	1.48	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW
Manganese, Total	241		mg/kg	0.962	0.153	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.094	0.061	1	02/21/23 23:20	02/22/23 20:59	EPA 7471B	1,7471B	DJR
Nickel, Total	9.51		mg/kg	2.40	0.233	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW
Potassium, Total	414		mg/kg	240	13.8	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.92	0.248	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.481	0.272	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW
Sodium, Total	153	J	mg/kg	192	3.03	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.92	0.303	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW
Vanadium, Total	14.5		mg/kg	0.962	0.195	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW
Zinc, Total	24.6		mg/kg	4.81	0.282	2	02/21/23 22:30	02/22/23 12:47	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-06 Date Collected: 02/16/23 10:01

Client ID: PDI014_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5150		mg/kg	8.80	2.38	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	4.40	0.334	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW
Arsenic, Total	3.68		mg/kg	0.880	0.183	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW
Barium, Total	17.6		mg/kg	0.880	0.153	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.363	J	mg/kg	0.440	0.029	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.139	J	mg/kg	0.880	0.086	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW
Calcium, Total	529		mg/kg	8.80	3.08	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW
Chromium, Total	8.11		mg/kg	0.880	0.085	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW
Cobalt, Total	4.99		mg/kg	1.76	0.146	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW
Copper, Total	11.0		mg/kg	0.880	0.227	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW
Iron, Total	11600		mg/kg	4.40	0.795	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW
Lead, Total	8.36		mg/kg	4.40	0.236	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW
Magnesium, Total	1800		mg/kg	8.80	1.36	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW
Manganese, Total	119		mg/kg	0.880	0.140	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.088	0.058	1	02/21/23 23:20	02/22/23 21:09	EPA 7471B	1,7471B	DJR
Nickel, Total	11.5		mg/kg	2.20	0.213	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW
Potassium, Total	384		mg/kg	220	12.7	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.76	0.227	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.440	0.249	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW
Sodium, Total	138	J	mg/kg	176	2.77	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.76	0.277	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW
Vanadium, Total	14.4		mg/kg	0.880	0.179	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW
Zinc, Total	31.8		mg/kg	4.40	0.258	2	02/21/23 22:30	02/22/23 12:51	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-07 Date Collected: 02/16/23 10:20

Client ID: PDI015_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	4220		mg/kg	8.34	2.25	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW
Antimony, Total	0.338	J	mg/kg	4.17	0.317	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW
Arsenic, Total	4.20		mg/kg	0.834	0.173	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW
Barium, Total	36.2		mg/kg	0.834	0.145	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.068	J	mg/kg	0.417	0.028	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.173	J	mg/kg	0.834	0.082	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW
Calcium, Total	38000		mg/kg	8.34	2.92	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW
Chromium, Total	7.51		mg/kg	0.834	0.080	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW
Cobalt, Total	5.27		mg/kg	1.67	0.138	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW
Copper, Total	29.3		mg/kg	0.834	0.215	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW
Iron, Total	9990		mg/kg	4.17	0.753	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW
Lead, Total	28.7		mg/kg	4.17	0.223	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW
Magnesium, Total	13100		mg/kg	8.34	1.28	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW
Manganese, Total	155		mg/kg	0.834	0.132	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.088	0.057	1	02/21/23 23:20	02/22/23 21:12	EPA 7471B	1,7471B	DJR
Nickel, Total	11.9		mg/kg	2.08	0.202	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW
Potassium, Total	605		mg/kg	208	12.0	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.67	0.215	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.417	0.236	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW
Sodium, Total	420		mg/kg	167	2.63	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.67	0.263	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW
Vanadium, Total	18.3		mg/kg	0.834	0.169	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW
Zinc, Total	58.6		mg/kg	4.17	0.244	2	02/21/23 22:30	02/22/23 12:54	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-08 Date Collected: 02/16/23 10:18

Client ID: PDI015_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5760		mg/kg	9.47	2.56	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW
Antimony, Total	0.583	J	mg/kg	4.74	0.360	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW
Arsenic, Total	4.25		mg/kg	0.947	0.197	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW
Barium, Total	41.5		mg/kg	0.947	0.165	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.418	J	mg/kg	0.474	0.031	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.197	J	mg/kg	0.947	0.093	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW
Calcium, Total	4180		mg/kg	9.47	3.31	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW
Chromium, Total	11.0		mg/kg	0.947	0.091	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW
Cobalt, Total	5.00		mg/kg	1.89	0.157	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW
Copper, Total	19.3		mg/kg	0.947	0.244	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW
Iron, Total	11500		mg/kg	4.74	0.855	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW
Lead, Total	96.5		mg/kg	4.74	0.254	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW
Magnesium, Total	2510		mg/kg	9.47	1.46	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW
Manganese, Total	251		mg/kg	0.947	0.150	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW
Mercury, Total	0.167		mg/kg	0.088	0.057	1	02/21/23 23:20	02/22/23 21:15	EPA 7471B	1,7471B	DJR
Nickel, Total	13.9		mg/kg	2.37	0.229	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW
Potassium, Total	1030		mg/kg	237	13.6	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.89	0.244	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.474	0.268	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW
Sodium, Total	423		mg/kg	189	2.98	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.89	0.298	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW
Vanadium, Total	18.3		mg/kg	0.947	0.192	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW
Zinc, Total	57.6		mg/kg	4.74	0.277	2	02/21/23 22:30	02/22/23 12:57	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-09 Date Collected: 02/16/23 10:20

Client ID: PDI015_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY 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
Total Metals - Mansfield Lab											
Aluminum, Total	3680		mg/kg	9.06	2.44	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	4.53	0.344	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW
Arsenic, Total	3.44		mg/kg	0.906	0.188	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW
Barium, Total	12.1		mg/kg	0.906	0.158	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.238	J	mg/kg	0.453	0.030	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW
Cadmium, Total	ND		mg/kg	0.906	0.089	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW
Calcium, Total	372		mg/kg	9.06	3.17	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW
Chromium, Total	7.10		mg/kg	0.906	0.087	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW
Cobalt, Total	3.22		mg/kg	1.81	0.150	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW
Copper, Total	6.44		mg/kg	0.906	0.234	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW
Iron, Total	9300		mg/kg	4.53	0.818	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW
Lead, Total	4.35	J	mg/kg	4.53	0.243	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW
Magnesium, Total	1200		mg/kg	9.06	1.39	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW
Manganese, Total	112		mg/kg	0.906	0.144	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.094	0.061	1	02/21/23 23:20	02/22/23 21:19	EPA 7471B	1,7471B	DJR
Nickel, Total	7.28		mg/kg	2.26	0.219	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW
Potassium, Total	308		mg/kg	226	13.0	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.81	0.234	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.453	0.256	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW
Sodium, Total	140	J	mg/kg	181	2.85	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.81	0.285	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW
Vanadium, Total	10.6		mg/kg	0.906	0.184	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW
Zinc, Total	18.3		mg/kg	4.53	0.265	2	02/21/23 22:30	02/22/23 13:00	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-10 Date Collected: 02/16/23 10:37

Client ID: PDI025_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5460		mg/kg	10.9	2.94	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW
Antimony, Total	0.804	J	mg/kg	5.44	0.414	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW
Arsenic, Total	11.8		mg/kg	1.09	0.226	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW
Barium, Total	54.8		mg/kg	1.09	0.189	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.170	J	mg/kg	0.544	0.036	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.224	J	mg/kg	1.09	0.107	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW
Calcium, Total	70100		mg/kg	10.9	3.81	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW
Chromium, Total	14.1		mg/kg	1.09	0.104	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW
Cobalt, Total	2.55		mg/kg	2.18	0.181	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW
Copper, Total	22.3		mg/kg	1.09	0.281	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW
Iron, Total	5700		mg/kg	5.44	0.983	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW
Lead, Total	21.0		mg/kg	5.44	0.292	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW
Magnesium, Total	4740		mg/kg	10.9	1.68	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW
Manganese, Total	149		mg/kg	1.09	0.173	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.111	0.073	1	02/21/23 23:20	02/22/23 21:22	EPA 7471B	1,7471B	DJR
Nickel, Total	8.36		mg/kg	2.72	0.263	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW
Potassium, Total	471		mg/kg	272	15.7	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	2.18	0.281	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.544	0.308	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW
Sodium, Total	226		mg/kg	218	3.43	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	2.18	0.343	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW
Vanadium, Total	12.0		mg/kg	1.09	0.221	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW
Zinc, Total	84.2		mg/kg	5.44	0.319	2	02/21/23 22:30	02/22/23 13:04	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-11 Date Collected: 02/16/23 10:38

Client ID: PDI025_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4970		mg/kg	9.02	2.43	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	4.51	0.343	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW
Arsenic, Total	7.08		mg/kg	0.902	0.188	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW
Barium, Total	48.9		mg/kg	0.902	0.157	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW
Beryllium, Total	ND		mg/kg	0.451	0.030	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.132	J	mg/kg	0.902	0.088	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW
Calcium, Total	81000		mg/kg	9.02	3.16	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW
Chromium, Total	9.58		mg/kg	0.902	0.087	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW
Cobalt, Total	2.81		mg/kg	1.80	0.150	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW
Copper, Total	15.4		mg/kg	0.902	0.233	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW
Iron, Total	8390		mg/kg	4.51	0.814	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW
Lead, Total	12.7		mg/kg	4.51	0.242	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW
Magnesium, Total	23000		mg/kg	9.02	1.39	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW
Manganese, Total	254		mg/kg	0.902	0.143	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.091	0.059	1	02/21/23 23:20	02/22/23 21:25	EPA 7471B	1,7471B	DJR
Nickel, Total	6.75		mg/kg	2.25	0.218	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW
Potassium, Total	1300		mg/kg	225	13.0	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.80	0.233	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.451	0.255	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW
Sodium, Total	593		mg/kg	180	2.84	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.80	0.284	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW
Vanadium, Total	11.4		mg/kg	0.902	0.183	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW
Zinc, Total	36.5		mg/kg	4.51	0.264	2	02/21/23 22:30	02/22/23 13:15	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-12 Date Collected: 02/16/23 10:40

Client ID: PDI025_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY 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
Total Metals - Mansfield Lab											
Aluminum, Total	5850		mg/kg	8.98	2.42	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW
Antimony, Total	0.474	J	mg/kg	4.49	0.341	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW
Arsenic, Total	5.77		mg/kg	0.898	0.187	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW
Barium, Total	37.8		mg/kg	0.898	0.156	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.407	J	mg/kg	0.449	0.030	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.308	J	mg/kg	0.898	0.088	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW
Calcium, Total	7660		mg/kg	8.98	3.14	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW
Chromium, Total	9.62		mg/kg	0.898	0.086	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW
Cobalt, Total	4.85		mg/kg	1.80	0.149	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW
Copper, Total	15.6		mg/kg	0.898	0.232	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW
Iron, Total	11200		mg/kg	4.49	0.811	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW
Lead, Total	45.6		mg/kg	4.49	0.241	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW
Magnesium, Total	1880		mg/kg	8.98	1.38	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW
Manganese, Total	254		mg/kg	0.898	0.143	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW
Mercury, Total	0.095		mg/kg	0.093	0.060	1	02/21/23 23:20	02/22/23 21:28	EPA 7471B	1,7471B	DJR
Nickel, Total	12.2		mg/kg	2.24	0.217	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW
Potassium, Total	678		mg/kg	224	12.9	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.80	0.232	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.449	0.254	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW
Sodium, Total	115	J	mg/kg	180	2.83	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.80	0.283	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW
Vanadium, Total	18.0		mg/kg	0.898	0.182	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW
Zinc, Total	105		mg/kg	4.49	0.263	2	02/21/23 22:30	02/22/23 13:18	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-13 Date Collected: 02/16/23 11:08

Client ID: EQUIPMENT BLANK Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	1.42		mg/l	0.0100	0.00327	1	02/20/23 08:02	02/20/23 12:37	EPA 3005A	1,6020B	NTB
Antimony, Total	0.00060	J	mg/l	0.00400	0.00042	1	02/20/23 08:02	02/20/23 12:37	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00160		mg/l	0.00050	0.00016	1	02/20/23 08:02	02/20/23 12:37	EPA 3005A	1,6020B	NTB
Barium, Total	0.01876		mg/l	0.00050	0.00017	1	02/20/23 08:02	02/20/23 12:37	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/20/23 08:02	02/20/23 12:37	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00006	J	mg/l	0.00020	0.00005	1	02/20/23 08:02	02/20/23 12:37	EPA 3005A	1,6020B	NTB
Calcium, Total	16.1		mg/l	0.100	0.0394	1	02/20/23 08:02	02/20/23 12:37	EPA 3005A	1,6020B	NTB
Chromium, Total	0.03324		mg/l	0.00100	0.00017	1	02/20/23 08:02	02/20/23 12:37	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00125		mg/l	0.00050	0.00016	1	02/20/23 08:02	02/20/23 12:37	EPA 3005A	1,6020B	NTB
Copper, Total	0.03437		mg/l	0.00100	0.00038	1	02/20/23 08:02	02/20/23 12:37	EPA 3005A	1,6020B	NTB
Iron, Total	6.27		mg/l	0.0500	0.0191	1	02/20/23 08:02	02/20/23 12:37	EPA 3005A	1,6020B	NTB
Lead, Total	0.01344		mg/l	0.00100	0.00034	1	02/20/23 08:02	02/20/23 12:37	EPA 3005A	1,6020B	NTB
Magnesium, Total	3.14		mg/l	0.0700	0.0242	1	02/20/23 08:02	02/20/23 12:37	EPA 3005A	1,6020B	NTB
Manganese, Total	0.07753		mg/l	0.00100	0.00044	1	02/20/23 08:02	02/20/23 12:37	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/20/23 09:32	02/20/23 17:34	EPA 7470A	1,7470A	TAA
Nickel, Total	0.00849		mg/l	0.00200	0.00055	1	02/20/23 08:02	02/20/23 12:37	EPA 3005A	1,6020B	NTB
Potassium, Total	0.550		mg/l	0.100	0.0309	1	02/20/23 08:02	02/20/23 12:37	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/20/23 08:02	02/20/23 12:37	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/20/23 08:02	02/20/23 12:37	EPA 3005A	1,6020B	NTB
Sodium, Total	5.74		mg/l	0.100	0.0293	1	02/20/23 08:02	02/20/23 13:08	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00200	0.00014	1	02/20/23 08:02	02/20/23 12:37	EPA 3005A	1,6020B	NTB
Vanadium, Total	0.00270	J	mg/l	0.00500	0.00157	1	02/20/23 08:02	02/20/23 12:37	EPA 3005A	1,6020B	NTB
Zinc, Total	0.05870		mg/l	0.01000	0.00341	1	02/20/23 08:02	02/20/23 12:37	EPA 3005A	1,6020B	NTB

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-14 Date Collected: 02/16/23 08:56

Client ID: PDI016_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5720		mg/kg	8.35	2.25	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	4.18	0.317	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW
Arsenic, Total	5.77		mg/kg	0.835	0.174	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW
Barium, Total	37.9		mg/kg	0.835	0.145	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.214	J	mg/kg	0.418	0.028	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.200	J	mg/kg	0.835	0.082	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW
Calcium, Total	22100		mg/kg	8.35	2.92	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW
Chromium, Total	11.3		mg/kg	0.835	0.080	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW
Cobalt, Total	4.00		mg/kg	1.67	0.139	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW
Copper, Total	17.4		mg/kg	0.835	0.215	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW
Iron, Total	10500		mg/kg	4.18	0.754	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW
Lead, Total	46.7		mg/kg	4.18	0.224	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW
Magnesium, Total	9060		mg/kg	8.35	1.29	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW
Manganese, Total	197		mg/kg	0.835	0.133	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW
Mercury, Total	0.093		mg/kg	0.077	0.050	1	02/21/23 23:20	02/22/23 21:32	EPA 7471B	1,7471B	DJR
Nickel, Total	11.9		mg/kg	2.09	0.202	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW
Potassium, Total	533		mg/kg	209	12.0	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.67	0.215	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.418	0.236	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW
Sodium, Total	277		mg/kg	167	2.63	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.67	0.263	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW
Vanadium, Total	16.5		mg/kg	0.835	0.170	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW
Zinc, Total	46.9		mg/kg	4.18	0.245	2	02/21/23 22:30	02/22/23 13:21	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-15 Date Collected: 02/16/23 08:57

Client ID: PDI016_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	6240		mg/kg	8.50	2.30	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	4.25	0.323	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW
Arsenic, Total	3.57		mg/kg	0.850	0.177	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW
Barium, Total	31.7		mg/kg	0.850	0.148	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.348	J	mg/kg	0.425	0.028	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.143	J	mg/kg	0.850	0.083	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW
Calcium, Total	3340		mg/kg	8.50	2.98	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW
Chromium, Total	10.5		mg/kg	0.850	0.082	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW
Cobalt, Total	4.84		mg/kg	1.70	0.141	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW
Copper, Total	12.3		mg/kg	0.850	0.219	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW
Iron, Total	11800		mg/kg	4.25	0.768	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW
Lead, Total	21.7		mg/kg	4.25	0.228	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW
Magnesium, Total	1980		mg/kg	8.50	1.31	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW
Manganese, Total	208		mg/kg	0.850	0.135	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.075	0.049	1	02/21/23 23:20	02/22/23 21:35	EPA 7471B	1,7471B	DJR
Nickel, Total	10.9		mg/kg	2.12	0.206	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW
Potassium, Total	542		mg/kg	212	12.2	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.70	0.219	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.425	0.240	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW
Sodium, Total	197		mg/kg	170	2.68	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.70	0.268	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW
Vanadium, Total	16.7		mg/kg	0.850	0.172	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW
Zinc, Total	37.2		mg/kg	4.25	0.249	2	02/21/23 22:30	02/22/23 13:25	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-16 Date Collected: 02/16/23 08:58

Client ID: PDI016_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6180		mg/kg	10.7	2.88	2	02/21/23 22:30	02/22/23 13:28	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	5.33	0.405	2	02/21/23 22:30	02/22/23 13:28	EPA 3050B	1,6010D	EGW
Arsenic, Total	6.44		mg/kg	1.07	0.222	2	02/21/23 22:30	02/22/23 13:28	EPA 3050B	1,6010D	EGW
Barium, Total	41.8		mg/kg	1.07	0.186	2	02/21/23 22:30	02/22/23 13:28	EPA 3050B	1,6010D	EGW
Beryllium, Total	ND		mg/kg	0.533	0.035	2	02/21/23 22:30	02/22/23 13:28	EPA 3050B	1,6010D	EGW
Cadmium, Total	ND		mg/kg	1.07	0.104	2	02/21/23 22:30	02/22/23 13:28	EPA 3050B	1,6010D	EGW
Calcium, Total	140000		mg/kg	107	37.3	20	02/21/23 22:30	02/22/23 14:21	EPA 3050B	1,6010D	EGW
Chromium, Total	9.84		mg/kg	1.07	0.102	2	02/21/23 22:30	02/22/23 13:28	EPA 3050B	1,6010D	EGW
Cobalt, Total	2.83		mg/kg	2.13	0.177	2	02/21/23 22:30	02/22/23 13:28	EPA 3050B	1,6010D	EGW
Copper, Total	10.7		mg/kg	1.07	0.275	2	02/21/23 22:30	02/22/23 13:28	EPA 3050B	1,6010D	EGW
Iron, Total	6250		mg/kg	5.33	0.963	2	02/21/23 22:30	02/22/23 13:28	EPA 3050B	1,6010D	EGW
Lead, Total	9.81		mg/kg	5.33	0.286	2	02/21/23 22:30	02/22/23 13:28	EPA 3050B	1,6010D	EGW
Magnesium, Total	32100		mg/kg	10.7	1.64	2	02/21/23 22:30	02/22/23 13:28	EPA 3050B	1,6010D	EGW
Manganese, Total	155		mg/kg	1.07	0.170	2	02/21/23 22:30	02/22/23 13:28	EPA 3050B	1,6010D	EGW
Mercury, Total	0.073	J	mg/kg	0.102	0.066	1	02/21/23 23:20	02/22/23 21:38	EPA 7471B	1,7471B	DJR
Nickel, Total	6.41		mg/kg	2.67	0.258	2	02/21/23 22:30	02/22/23 13:28	EPA 3050B	1,6010D	EGW
Potassium, Total	425		mg/kg	267	15.4	2	02/21/23 22:30	02/22/23 13:28	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	2.13	0.275	2	02/21/23 22:30	02/22/23 13:28	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.533	0.302	2	02/21/23 22:30	02/22/23 13:28	EPA 3050B	1,6010D	EGW
Sodium, Total	182	J	mg/kg	213	3.36	2	02/21/23 22:30	02/22/23 13:28	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	2.13	0.336	2	02/21/23 22:30	02/22/23 13:28	EPA 3050B	1,6010D	EGW
Vanadium, Total	12.0		mg/kg	1.07	0.216	2	02/21/23 22:30	02/22/23 13:28	EPA 3050B	1,6010D	EGW
Zinc, Total	19.6		mg/kg	5.33	0.312	2	02/21/23 22:30	02/22/23 13:28	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-17 Date Collected: 02/16/23 09:21

Client ID: PDI017_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	6480		mg/kg	8.06	2.18	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW
Antimony, Total	0.402	J	mg/kg	4.03	0.306	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW
Arsenic, Total	5.95		mg/kg	0.806	0.168	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW
Barium, Total	46.8		mg/kg	0.806	0.140	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.286	J	mg/kg	0.403	0.027	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.266	J	mg/kg	0.806	0.079	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW
Calcium, Total	15800		mg/kg	8.06	2.82	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW
Chromium, Total	12.0		mg/kg	0.806	0.077	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW
Cobalt, Total	5.24		mg/kg	1.61	0.134	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW
Copper, Total	22.4		mg/kg	0.806	0.208	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW
Iron, Total	12400		mg/kg	4.03	0.728	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW
Lead, Total	50.0		mg/kg	4.03	0.216	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW
Magnesium, Total	5530		mg/kg	8.06	1.24	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW
Manganese, Total	270		mg/kg	0.806	0.128	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW
Mercury, Total	0.132		mg/kg	0.086	0.056	1	02/21/23 23:20	02/22/23 21:48	EPA 7471B	1,7471B	DJR
Nickel, Total	12.0		mg/kg	2.02	0.195	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW
Potassium, Total	544		mg/kg	202	11.6	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.61	0.208	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.403	0.228	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW
Sodium, Total	146	J	mg/kg	161	2.54	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.61	0.254	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW
Vanadium, Total	25.6		mg/kg	0.806	0.164	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW
Zinc, Total	55.8		mg/kg	4.03	0.236	2	02/21/23 22:30	02/22/23 13:34	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-18 Date Collected: 02/16/23 09:25

Client ID: PDI017_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY 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
Total Metals - Mansfield Lab											
Aluminum, Total	5080		mg/kg	8.70	2.35	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	4.35	0.331	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW
Arsenic, Total	2.72		mg/kg	0.870	0.181	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW
Barium, Total	36.0		mg/kg	0.870	0.151	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.406	J	mg/kg	0.435	0.029	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.157	J	mg/kg	0.870	0.085	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW
Calcium, Total	4290		mg/kg	8.70	3.04	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW
Chromium, Total	10.6		mg/kg	0.870	0.084	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW
Cobalt, Total	4.68		mg/kg	1.74	0.144	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW
Copper, Total	13.2		mg/kg	0.870	0.224	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW
Iron, Total	10600		mg/kg	4.35	0.786	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW
Lead, Total	14.9		mg/kg	4.35	0.233	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW
Magnesium, Total	2140		mg/kg	8.70	1.34	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW
Manganese, Total	272		mg/kg	0.870	0.138	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.090	0.059	1	02/21/23 23:20	02/22/23 21:52	EPA 7471B	1,7471B	DJR
Nickel, Total	13.1		mg/kg	2.18	0.211	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW
Potassium, Total	804		mg/kg	218	12.5	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.74	0.224	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.435	0.246	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW
Sodium, Total	159	J	mg/kg	174	2.74	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.74	0.274	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW
Vanadium, Total	17.7		mg/kg	0.870	0.177	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW
Zinc, Total	32.2		mg/kg	4.35	0.255	2	02/21/23 22:30	02/22/23 13:37	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-19 Date Collected: 02/16/23 09:24

Client ID: PDI017_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY 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
Total Metals - Mansfield Lab											
Aluminum, Total	4440		mg/kg	8.50	2.29	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	4.25	0.323	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW
Arsenic, Total	2.63		mg/kg	0.850	0.177	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW
Barium, Total	33.7		mg/kg	0.850	0.148	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.450		mg/kg	0.425	0.028	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.250	J	mg/kg	0.850	0.083	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW
Calcium, Total	1920		mg/kg	8.50	2.97	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW
Chromium, Total	12.8		mg/kg	0.850	0.082	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW
Cobalt, Total	5.43		mg/kg	1.70	0.141	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW
Copper, Total	12.5		mg/kg	0.850	0.219	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW
Iron, Total	10700		mg/kg	4.25	0.767	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW
Lead, Total	10.9		mg/kg	4.25	0.228	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW
Magnesium, Total	2470		mg/kg	8.50	1.31	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW
Manganese, Total	408		mg/kg	0.850	0.135	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.080	0.052	1	02/21/23 23:20	02/22/23 20:32	EPA 7471B	1,7471B	DJR
Nickel, Total	17.5		mg/kg	2.12	0.206	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW
Potassium, Total	876		mg/kg	212	12.2	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.70	0.219	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.425	0.240	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW
Sodium, Total	127	J	mg/kg	170	2.68	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.70	0.268	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW
Vanadium, Total	17.0		mg/kg	0.850	0.172	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW
Zinc, Total	35.2		mg/kg	4.25	0.249	2	02/21/23 22:30	02/22/23 12:09	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-20 Date Collected: 02/16/23 07:42

Client ID: PDI022_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5260		mg/kg	10.0	2.70	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW
Antimony, Total	0.400	J	mg/kg	5.00	0.380	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW
Arsenic, Total	4.32		mg/kg	1.00	0.208	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW
Barium, Total	44.0		mg/kg	1.00	0.174	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.443	J	mg/kg	0.500	0.033	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.447	J	mg/kg	1.00	0.098	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW
Calcium, Total	9140		mg/kg	10.0	3.50	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW
Chromium, Total	13.8		mg/kg	1.00	0.096	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW
Cobalt, Total	5.45		mg/kg	2.00	0.166	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW
Copper, Total	27.2		mg/kg	1.00	0.258	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW
Iron, Total	12600		mg/kg	5.00	0.903	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW
Lead, Total	187		mg/kg	5.00	0.268	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW
Magnesium, Total	3050		mg/kg	10.0	1.54	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW
Manganese, Total	322		mg/kg	1.00	0.159	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.097	0.063	1	02/21/23 23:20	02/22/23 21:55	EPA 7471B	1,7471B	DJR
Nickel, Total	14.7		mg/kg	2.50	0.242	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW
Potassium, Total	1120		mg/kg	250	14.4	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	2.00	0.258	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.500	0.283	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW
Sodium, Total	119	J	mg/kg	200	3.15	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	2.00	0.315	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW
Vanadium, Total	20.6		mg/kg	1.00	0.203	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW
Zinc, Total	87.8		mg/kg	5.00	0.293	2	02/21/23 22:30	02/22/23 13:40	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-21 Date Collected: 02/16/23 07:45

Client ID: PDI022_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	4340		mg/kg	8.25	2.23	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW
Antimony, Total	0.475	J	mg/kg	4.13	0.314	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW
Arsenic, Total	3.56		mg/kg	0.825	0.172	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW
Barium, Total	36.1		mg/kg	0.825	0.144	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.307	J	mg/kg	0.413	0.027	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.256	J	mg/kg	0.825	0.081	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW
Calcium, Total	17000		mg/kg	8.25	2.89	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW
Chromium, Total	10.5		mg/kg	0.825	0.079	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW
Cobalt, Total	3.86		mg/kg	1.65	0.137	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW
Copper, Total	16.4		mg/kg	0.825	0.213	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW
Iron, Total	9360		mg/kg	4.13	0.745	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW
Lead, Total	27.1		mg/kg	4.13	0.221	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW
Magnesium, Total	5370		mg/kg	8.25	1.27	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW
Manganese, Total	244		mg/kg	0.825	0.131	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW
Mercury, Total	0.072	J	mg/kg	0.082	0.054	1	02/21/23 23:20	02/22/23 21:58	EPA 7471B	1,7471B	DJR
Nickel, Total	10.6		mg/kg	2.06	0.200	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW
Potassium, Total	980		mg/kg	206	11.9	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.65	0.213	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.413	0.234	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW
Sodium, Total	128	J	mg/kg	165	2.60	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.65	0.260	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW
Vanadium, Total	15.6		mg/kg	0.825	0.168	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW
Zinc, Total	73.2		mg/kg	4.13	0.242	2	02/21/23 22:30	02/22/23 13:43	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-22 Date Collected: 02/16/23 07:45

Client ID: PDI022_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3400		mg/kg	8.62	2.33	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	4.31	0.328	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW
Arsenic, Total	2.41		mg/kg	0.862	0.179	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW
Barium, Total	23.6		mg/kg	0.862	0.150	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.269	J	mg/kg	0.431	0.029	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.177	J	mg/kg	0.862	0.085	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW
Calcium, Total	1780		mg/kg	8.62	3.02	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW
Chromium, Total	8.05		mg/kg	0.862	0.083	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW
Cobalt, Total	4.05		mg/kg	1.72	0.143	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW
Copper, Total	9.72		mg/kg	0.862	0.222	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW
Iron, Total	7760		mg/kg	4.31	0.779	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW
Lead, Total	10.5		mg/kg	4.31	0.231	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW
Magnesium, Total	1890		mg/kg	8.62	1.33	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW
Manganese, Total	191		mg/kg	0.862	0.137	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.076	0.050	1	02/21/23 00:34	02/22/23 14:18	EPA 7471B	1,7471B	DMB
Nickel, Total	9.80		mg/kg	2.16	0.209	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW
Potassium, Total	814		mg/kg	216	12.4	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.72	0.222	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.431	0.244	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW
Sodium, Total	90.6	J	mg/kg	172	2.72	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW
Thallium, Total	0.378	J	mg/kg	1.72	0.272	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW
Vanadium, Total	13.4		mg/kg	0.862	0.175	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW
Zinc, Total	33.4		mg/kg	4.31	0.253	2	02/20/23 23:40	02/22/23 10:41	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-23 Date Collected: 02/16/23 08:10

Client ID: PDI023_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6000		mg/kg	10.1	2.74	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	5.07	0.385	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW
Arsenic, Total	5.71		mg/kg	1.01	0.211	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW
Barium, Total	80.3		mg/kg	1.01	0.176	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.410	J	mg/kg	0.507	0.034	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW
Cadmium, Total	1.11		mg/kg	1.01	0.099	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW
Calcium, Total	14700		mg/kg	10.1	3.55	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW
Chromium, Total	12.8		mg/kg	1.01	0.097	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW
Cobalt, Total	5.63		mg/kg	2.03	0.168	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW
Copper, Total	24.9		mg/kg	1.01	0.262	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW
Iron, Total	11700		mg/kg	5.07	0.916	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW
Lead, Total	184		mg/kg	5.07	0.272	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW
Magnesium, Total	4110		mg/kg	10.1	1.56	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW
Manganese, Total	277		mg/kg	1.01	0.161	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW
Mercury, Total	0.131		mg/kg	0.094	0.061	1	02/21/23 00:34	02/22/23 14:21	EPA 7471B	1,7471B	DMB
Nickel, Total	16.2		mg/kg	2.54	0.245	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW
Potassium, Total	1180		mg/kg	254	14.6	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	2.03	0.262	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.507	0.287	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW
Sodium, Total	125	J	mg/kg	203	3.20	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW
Thallium, Total	0.419	J	mg/kg	2.03	0.320	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW
Vanadium, Total	18.5		mg/kg	1.01	0.206	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW
Zinc, Total	252		mg/kg	5.07	0.297	2	02/20/23 23:40	02/22/23 10:45	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-24 Date Collected: 02/16/23 08:05

Client ID: PDI023_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5570		mg/kg	9.41	2.54	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	4.70	0.358	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW
Arsenic, Total	5.09		mg/kg	0.941	0.196	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW
Barium, Total	35.7		mg/kg	0.941	0.164	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.391	J	mg/kg	0.470	0.031	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.212	J	mg/kg	0.941	0.092	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW
Calcium, Total	1210		mg/kg	9.41	3.29	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW
Chromium, Total	7.53		mg/kg	0.941	0.090	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW
Cobalt, Total	5.65		mg/kg	1.88	0.156	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW
Copper, Total	18.7		mg/kg	0.941	0.243	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW
Iron, Total	13200		mg/kg	4.70	0.850	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW
Lead, Total	15.6		mg/kg	4.70	0.252	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW
Magnesium, Total	1990		mg/kg	9.41	1.45	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW
Manganese, Total	293		mg/kg	0.941	0.150	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/21/23 00:34	02/22/23 14:24	EPA 7471B	1,7471B	DMB
Nickel, Total	10.0		mg/kg	2.35	0.228	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW
Potassium, Total	975		mg/kg	235	13.6	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.88	0.243	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.470	0.266	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW
Sodium, Total	64.7	J	mg/kg	188	2.96	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW
Thallium, Total	0.368	J	mg/kg	1.88	0.296	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW
Vanadium, Total	13.3		mg/kg	0.941	0.191	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW
Zinc, Total	37.5		mg/kg	4.70	0.276	2	02/20/23 23:40	02/22/23 10:50	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-25 Date Collected: 02/16/23 08:06

Client ID: PDI023_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4820		mg/kg	9.22	2.49	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	4.61	0.350	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW
Arsenic, Total	5.69		mg/kg	0.922	0.192	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW
Barium, Total	23.2		mg/kg	0.922	0.160	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.279	J	mg/kg	0.461	0.030	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.263	J	mg/kg	0.922	0.090	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW
Calcium, Total	4310		mg/kg	9.22	3.23	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW
Chromium, Total	8.72		mg/kg	0.922	0.089	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW
Cobalt, Total	5.63		mg/kg	1.84	0.153	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW
Copper, Total	13.7		mg/kg	0.922	0.238	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW
Iron, Total	15200		mg/kg	4.61	0.833	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW
Lead, Total	12.7		mg/kg	4.61	0.247	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW
Magnesium, Total	1890		mg/kg	9.22	1.42	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW
Manganese, Total	207		mg/kg	0.922	0.147	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.081	0.053	1	02/21/23 00:34	02/22/23 14:28	EPA 7471B	1,7471B	DMB
Nickel, Total	9.49		mg/kg	2.30	0.223	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW
Potassium, Total	446		mg/kg	230	13.3	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.84	0.238	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.461	0.261	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW
Sodium, Total	70.4	J	mg/kg	184	2.90	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW
Thallium, Total	0.432	J	mg/kg	1.84	0.290	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW
Vanadium, Total	14.0		mg/kg	0.922	0.187	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW
Zinc, Total	40.3		mg/kg	4.61	0.270	2	02/20/23 23:40	02/22/23 10:54	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-26 Date Collected: 02/16/23 08:30

Client ID: PDI024_1 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4580		mg/kg	8.81	2.38	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	4.41	0.335	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW
Arsenic, Total	8.47		mg/kg	0.881	0.183	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW
Barium, Total	31.5		mg/kg	0.881	0.153	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.309	J	mg/kg	0.441	0.029	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.284	J	mg/kg	0.881	0.086	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW
Calcium, Total	3220		mg/kg	8.81	3.08	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW
Chromium, Total	9.05		mg/kg	0.881	0.085	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW
Cobalt, Total	5.08		mg/kg	1.76	0.146	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW
Copper, Total	19.9		mg/kg	0.881	0.227	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW
Iron, Total	14800		mg/kg	4.41	0.796	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW
Lead, Total	36.1		mg/kg	4.41	0.236	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW
Magnesium, Total	1930		mg/kg	8.81	1.36	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW
Manganese, Total	226		mg/kg	0.881	0.140	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW
Mercury, Total	0.073	J	mg/kg	0.082	0.053	1	02/21/23 00:34	02/22/23 14:31	EPA 7471B	1,7471B	DMB
Nickel, Total	9.36		mg/kg	2.20	0.213	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW
Potassium, Total	571		mg/kg	220	12.7	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.76	0.227	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.441	0.249	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW
Sodium, Total	147	J	mg/kg	176	2.78	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW
Thallium, Total	0.407	J	mg/kg	1.76	0.278	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW
Vanadium, Total	14.9		mg/kg	0.881	0.179	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW
Zinc, Total	68.7		mg/kg	4.41	0.258	2	02/20/23 23:40	02/22/23 10:59	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-27 Date Collected: 02/16/23 08:35

Client ID: PDI024_3 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	3670		mg/kg	8.69	2.35	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	4.34	0.330	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW
Arsenic, Total	3.83		mg/kg	0.869	0.181	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW
Barium, Total	22.0		mg/kg	0.869	0.151	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.252	J	mg/kg	0.434	0.029	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.183	J	mg/kg	0.869	0.085	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW
Calcium, Total	2680		mg/kg	8.69	3.04	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW
Chromium, Total	6.59		mg/kg	0.869	0.083	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW
Cobalt, Total	4.18		mg/kg	1.74	0.144	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW
Copper, Total	9.23		mg/kg	0.869	0.224	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW
Iron, Total	7850		mg/kg	4.34	0.785	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW
Lead, Total	22.3		mg/kg	4.34	0.233	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW
Magnesium, Total	2060		mg/kg	8.69	1.34	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW
Manganese, Total	172		mg/kg	0.869	0.138	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.072	0.047	1	02/21/23 00:34	02/22/23 14:34	EPA 7471B	1,7471B	DMB
Nickel, Total	9.09		mg/kg	2.17	0.210	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW
Potassium, Total	517		mg/kg	217	12.5	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.74	0.224	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.434	0.246	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW
Sodium, Total	98.2	J	mg/kg	174	2.74	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW
Thallium, Total	0.315	J	mg/kg	1.74	0.274	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW
Vanadium, Total	11.5		mg/kg	0.869	0.176	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW
Zinc, Total	39.6		mg/kg	4.34	0.255	2	02/20/23 23:40	02/22/23 11:04	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-28 Date Collected: 02/16/23 08:35

Client ID: PDI024_5 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY 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
Total Metals - Mansfield Lab											
Aluminum, Total	7880		mg/kg	8.98	2.42	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	4.49	0.341	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW
Arsenic, Total	5.84		mg/kg	0.898	0.187	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW
Barium, Total	51.4		mg/kg	0.898	0.156	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.411	J	mg/kg	0.449	0.030	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.207	J	mg/kg	0.898	0.088	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW
Calcium, Total	15600		mg/kg	8.98	3.14	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW
Chromium, Total	10.1		mg/kg	0.898	0.086	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW
Cobalt, Total	3.93		mg/kg	1.80	0.149	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW
Copper, Total	12.2		mg/kg	0.898	0.232	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW
Iron, Total	10300		mg/kg	4.49	0.811	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW
Lead, Total	26.7		mg/kg	4.49	0.241	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW
Magnesium, Total	2440		mg/kg	8.98	1.38	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW
Manganese, Total	205		mg/kg	0.898	0.143	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.075	0.049	1	02/21/23 00:34	02/22/23 14:44	EPA 7471B	1,7471B	DMB
Nickel, Total	8.31		mg/kg	2.24	0.217	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW
Potassium, Total	964		mg/kg	224	12.9	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.80	0.232	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.449	0.254	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW
Sodium, Total	732		mg/kg	180	2.83	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW
Thallium, Total	0.295	J	mg/kg	1.80	0.283	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW
Vanadium, Total	16.8		mg/kg	0.898	0.182	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW
Zinc, Total	50.0		mg/kg	4.49	0.263	2	02/20/23 23:40	02/22/23 11:08	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-29 Date Collected: 02/16/23 00:00

Client ID: DUP005 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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
Total Metals - Mansfield Lab											
Aluminum, Total	6360		mg/kg	8.63	2.33	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW
Antimony, Total	ND		mg/kg	4.31	0.328	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW
Arsenic, Total	5.11		mg/kg	0.863	0.179	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW
Barium, Total	42.0		mg/kg	0.863	0.150	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.361	J	mg/kg	0.431	0.029	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.248	J	mg/kg	0.863	0.085	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW
Calcium, Total	28100		mg/kg	8.63	3.02	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW
Chromium, Total	12.4		mg/kg	0.863	0.083	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW
Cobalt, Total	4.93		mg/kg	1.72	0.143	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW
Copper, Total	18.2		mg/kg	0.863	0.223	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW
Iron, Total	11800		mg/kg	4.31	0.779	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW
Lead, Total	39.6		mg/kg	4.31	0.231	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW
Magnesium, Total	12000		mg/kg	8.63	1.33	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW
Manganese, Total	257		mg/kg	0.863	0.137	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW
Mercury, Total	0.058	J	mg/kg	0.069	0.045	1	02/21/23 00:34	02/22/23 14:48	EPA 7471B	1,7471B	DMB
Nickel, Total	12.8		mg/kg	2.16	0.209	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW
Potassium, Total	993		mg/kg	216	12.4	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.72	0.223	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.431	0.244	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW
Sodium, Total	163	J	mg/kg	172	2.72	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW
Thallium, Total	0.368	J	mg/kg	1.72	0.272	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW
Vanadium, Total	19.4		mg/kg	0.863	0.175	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW
Zinc, Total	58.1		mg/kg	4.31	0.253	2	02/20/23 23:40	02/22/23 11:13	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

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): 13 Batch: WG1746128-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB
Sodium, Total	ND		mg/l	0.100	0.0293	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00200	0.00014	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	02/20/23 08:02	02/20/23 12:03	1,6020B	NTB

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): 13 Batch: WG1746130-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/20/23 09:32	02/20/23 17:17	1,7470A	TAA

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

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): 01-12,14-21 Batch: WG1746216-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW
Antimony, Total	ND		mg/kg	2.00	0.152	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW
Arsenic, Total	ND		mg/kg	0.400	0.083	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW
Barium, Total	ND		mg/kg	0.400	0.070	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW
Beryllium, Total	ND		mg/kg	0.200	0.013	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW
Cadmium, Total	ND		mg/kg	0.400	0.039	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW
Calcium, Total	ND		mg/kg	4.00	1.40	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW
Chromium, Total	ND		mg/kg	0.400	0.038	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW
Cobalt, Total	ND		mg/kg	0.800	0.066	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW
Copper, Total	ND		mg/kg	0.400	0.103	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW
Iron, Total	ND		mg/kg	2.00	0.361	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW
Lead, Total	ND		mg/kg	2.00	0.107	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW
Magnesium, Total	ND		mg/kg	4.00	0.616	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW
Manganese, Total	ND		mg/kg	0.400	0.064	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW
Nickel, Total	ND		mg/kg	1.00	0.097	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW
Potassium, Total	ND		mg/kg	100	5.76	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW
Selenium, Total	ND		mg/kg	0.800	0.103	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW
Silver, Total	ND		mg/kg	0.200	0.113	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW
Sodium, Total	ND		mg/kg	80.0	1.26	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW
Thallium, Total	ND		mg/kg	0.800	0.126	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW
Vanadium, Total	ND		mg/kg	0.400	0.081	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW
Zinc, Total	ND		mg/kg	2.00	0.117	1	02/21/23 22:30	02/22/23 11:53	1,6010D	EGW

Prep Information

Digestion Method: EPA 3050B

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

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): 01-12,14-21 Batch: WG1746217-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/21/23 23:20	02/22/23 20:19	1,7471B	DJR

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): 22-29 Batch: WG1746218-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW
Antimony, Total	ND		mg/kg	2.00	0.152	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW
Arsenic, Total	ND		mg/kg	0.400	0.083	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW
Barium, Total	ND		mg/kg	0.400	0.070	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW
Beryllium, Total	ND		mg/kg	0.200	0.013	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW
Cadmium, Total	ND		mg/kg	0.400	0.039	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW
Calcium, Total	ND		mg/kg	4.00	1.40	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW
Chromium, Total	ND		mg/kg	0.400	0.038	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW
Cobalt, Total	ND		mg/kg	0.800	0.066	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW
Copper, Total	ND		mg/kg	0.400	0.103	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW
Iron, Total	ND		mg/kg	2.00	0.361	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW
Lead, Total	ND		mg/kg	2.00	0.107	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW
Magnesium, Total	ND		mg/kg	4.00	0.616	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW
Manganese, Total	ND		mg/kg	0.400	0.064	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW
Nickel, Total	ND		mg/kg	1.00	0.097	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW
Potassium, Total	ND		mg/kg	100	5.76	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW
Selenium, Total	ND		mg/kg	0.800	0.103	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW
Silver, Total	ND		mg/kg	0.200	0.113	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW
Sodium, Total	4.12	J	mg/kg	80.0	1.26	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW
Thallium, Total	ND		mg/kg	0.800	0.126	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW
Vanadium, Total	ND		mg/kg	0.400	0.081	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW
Zinc, Total	ND		mg/kg	2.00	0.117	1	02/20/23 23:40	02/22/23 07:54	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308471

Project Number: TOT2202 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

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): 22-29 Batch: WG1746219-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/21/23 00:34	02/21/23 17:13	1,7471B	DMB

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308471

Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13 Batch: WG1746128-2								
Aluminum, Total	102		-		80-120	-		
Antimony, Total	88		-		80-120	-		
Arsenic, Total	96		-		80-120	-		
Barium, Total	98		-		80-120	-		
Beryllium, Total	96		-		80-120	-		
Cadmium, Total	100		-		80-120	-		
Calcium, Total	90		-		80-120	-		
Chromium, Total	93		-		80-120	-		
Cobalt, Total	93		-		80-120	-		
Copper, Total	94		-		80-120	-		
Iron, Total	95		-		80-120	-		
Lead, Total	100		-		80-120	-		
Magnesium, Total	100		-		80-120	-		
Manganese, Total	95		-		80-120	-		
Nickel, Total	92		-		80-120	-		
Potassium, Total	96		-		80-120	-		
Selenium, Total	98		-		80-120	-		
Silver, Total	91		-		80-120	-		
Sodium, Total	102		-		80-120	-		
Thallium, Total	**153**	Q	-		80-120	-		
Vanadium, Total	91		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308471

Report Date: 02/27/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13 Batch: WG1746128-2					
Zinc, Total	93	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 13 Batch: WG1746130-2					
Mercury, Total	96	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308471

Report Date: 02/27/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12,14-21 Batch: WG1746216-2 SRM Lot Number: D116-540					
Aluminum, Total	83	-	45-155	-	
Antimony, Total	165	-	2-205	-	
Arsenic, Total	106	-	82-119	-	
Barium, Total	96	-	82-118	-	
Beryllium, Total	108	-	82-118	-	
Cadmium, Total	102	-	82-118	-	
Calcium, Total	97	-	81-119	-	
Chromium, Total	99	-	81-118	-	
Cobalt, Total	99	-	83-117	-	
Copper, Total	105	-	83-117	-	
Iron, Total	106	-	58-142	-	
Lead, Total	102	-	83-117	-	
Magnesium, Total	92	-	75-125	-	
Manganese, Total	103	-	82-118	-	
Nickel, Total	101	-	82-118	-	
Potassium, Total	92	-	68-131	-	
Selenium, Total	104	-	78-122	-	
Silver, Total	105	-	79-121	-	
Sodium, Total	96	-	71-130	-	
Thallium, Total	104	-	80-120	-	
Vanadium, Total	102	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308471

Report Date: 02/27/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12,14-21 Batch: WG1746216-2 SRM Lot Number: D116-540					
Zinc, Total	101	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-12,14-21 Batch: WG1746217-2 SRM Lot Number: D116-540					
Mercury, Total	106	-	58-142	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308471

Report Date: 02/27/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 22-29 Batch: WG1746218-2 SRM Lot Number: D116-540					
Aluminum, Total	68	-	45-155	-	
Antimony, Total	167	-	2-205	-	
Arsenic, Total	114	-	82-119	-	
Barium, Total	97	-	82-118	-	
Beryllium, Total	86	-	82-118	-	
Cadmium, Total	104	-	82-118	-	
Calcium, Total	81	-	81-119	-	
Chromium, Total	84	-	81-118	-	
Cobalt, Total	104	-	83-117	-	
Copper, Total	93	-	83-117	-	
Iron, Total	80	-	58-142	-	
Lead, Total	105	-	83-117	-	
Magnesium, Total	79	-	75-125	-	
Manganese, Total	90	-	82-118	-	
Nickel, Total	100	-	82-118	-	
Potassium, Total	82	-	68-131	-	
Selenium, Total	109	-	78-122	-	
Silver, Total	90	-	79-121	-	
Sodium, Total	85	-	71-130	-	
Thallium, Total	107	-	80-120	-	
Vanadium, Total	88	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308471

Report Date: 02/27/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 22-29 Batch: WG1746218-2 SRM Lot Number: D116-540					
Zinc, Total	107	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 22-29 Batch: WG1746219-2 SRM Lot Number: D116-540					
Mercury, Total	102	-	58-142	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

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): 13 QC Batch ID: WG1746128-3 QC Sample: L2308870-01 Client ID: MS Sample												
Aluminum, Total	6.11	2	7.81	85		-	-		75-125	-		20
Antimony, Total	0.00131J	0.5	0.4310	86		-	-		75-125	-		20
Arsenic, Total	0.00637	0.12	0.1173	92		-	-		75-125	-		20
Barium, Total	0.05628	2	1.992	97		-	-		75-125	-		20
Beryllium, Total	0.00028J	0.05	0.05005	100		-	-		75-125	-		20
Cadmium, Total	0.00009J	0.053	0.05238	99		-	-		75-125	-		20
Calcium, Total	19.0	10	29.1	101		-	-		75-125	-		20
Chromium, Total	0.01520	0.2	0.1998	92		-	-		75-125	-		20
Cobalt, Total	0.00437	0.5	0.4671	92		-	-		75-125	-		20
Copper, Total	0.02195	0.25	0.2570	94		-	-		75-125	-		20
Iron, Total	8.86	1	9.20	**34**	Q	-	-		75-125	-		20
Lead, Total	0.01382	0.53	0.5329	98		-	-		75-125	-		20
Magnesium, Total	7.04	10	16.5	95		-	-		75-125	-		20
Manganese, Total	0.1128	0.5	0.6121	100		-	-		75-125	-		20
Nickel, Total	0.02190	0.5	0.4645	88		-	-		75-125	-		20
Potassium, Total	9.20	10	19.1	99		-	-		75-125	-		20
Selenium, Total	0.00362J	0.12	0.121	101		-	-		75-125	-		20
Silver, Total	ND	0.05	0.04548	91		-	-		75-125	-		20
Sodium, Total	462.	10	472	100		-	-		75-125	-		20
Thallium, Total	0.00046J	0.12	0.1944	**162**	Q	-	-		75-125	-		20
Vanadium, Total	0.01849	0.5	0.4702	90		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

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): 13 QC Batch ID: WG1746128-3 QC Sample: L2308870-01 Client ID: MS Sample									
Zinc, Total	0.08054	0.5	0.5538	95	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 13 QC Batch ID: WG1746130-3 QC Sample: L2308495-04 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00468	94	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

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): 01-12,14-21 QC Batch ID: WG1746216-3 WG1746216-4 QC Sample: L2308471-19 Client ID: PDI017_5											
Aluminum, Total	4440	173	5610	**677**	Q	6100	**963**	Q	75-125	8	20
Antimony, Total	ND	43.2	40.2	93		41.1	95		75-125	2	20
Arsenic, Total	2.63	10.4	14.1	111		14.5	115		75-125	3	20
Barium, Total	33.7	173	194	93		198	95		75-125	2	20
Beryllium, Total	0.450	4.32	4.85	102		4.85	102		75-125	0	20
Cadmium, Total	0.250J	4.58	4.52	99		4.54	99		75-125	0	20
Calcium, Total	1920	864	3220	**150**	Q	3220	**151**	Q	75-125	0	20
Chromium, Total	12.8	17.3	29.9	99		29.9	99		75-125	0	20
Cobalt, Total	5.43	43.2	45.2	92		45.7	93		75-125	1	20
Copper, Total	12.5	21.6	35.8	108		36.3	110		75-125	1	20
Iron, Total	10700	86.4	11600	**1040**	Q	12000	**1510**	Q	75-125	3	20
Lead, Total	10.9	45.8	58.9	105		59.4	106		75-125	1	20
Magnesium, Total	2470	864	3300	96		3570	**128**	Q	75-125	8	20
Manganese, Total	408	43.2	336	**0**	Q	374	**0**	Q	75-125	11	20
Nickel, Total	17.5	43.2	53.6	84		55.3	88		75-125	3	20
Potassium, Total	876	864	1910	120		1920	121		75-125	1	20
Selenium, Total	ND	10.4	10.5	101		10.4	100		75-125	1	20
Silver, Total	ND	4.32	3.87	90		3.82	89		75-125	1	20
Sodium, Total	127J	864	958	111		955	111		75-125	0	20
Thallium, Total	ND	10.4	10.2	98		10.1	98		75-125	1	20
Vanadium, Total	17.0	43.2	62.8	106		63.3	107		75-125	1	20

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

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): 01-12,14-21 QC Batch ID: WG1746216-3 WG1746216-4 QC Sample: L2308471-19 Client ID: PDI017_5											
Zinc, Total	35.2	43.2	77.7	98		80.7	106		75-125	4	20
Total Metals - Mansfield Lab Associated sample(s): 01-12,14-21 QC Batch ID: WG1746217-3 WG1746217-4 QC Sample: L2308471-19 Client ID: PDI017_5											
Mercury, Total	ND	1.72	0.589	**34**	Q	0.568	**35**	Q	80-120	4	20

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

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): 22-29 QC Batch ID: WG1746218-3 QC Sample: L2308815-01 Client ID: MS Sample										
Aluminum, Total	5480	183	8810	**1820**	Q	-	-	75-125	-	20
Antimony, Total	0.593J	45.8	42.8	93		-	-	75-125	-	20
Arsenic, Total	3.58	11	18.5	**136**	Q	-	-	75-125	-	20
Barium, Total	30.8	183	253	121		-	-	75-125	-	20
Beryllium, Total	0.306J	4.58	5.34	117		-	-	75-125	-	20
Cadmium, Total	0.500J	4.85	5.58	115		-	-	75-125	-	20
Calcium, Total	761	916	2220	**159**	Q	-	-	75-125	-	20
Chromium, Total	10.7	18.3	32.6	120		-	-	75-125	-	20
Cobalt, Total	3.71	45.8	49.2	99		-	-	75-125	-	20
Copper, Total	14.4	22.9	49.3	**152**	Q	-	-	75-125	-	20
Iron, Total	9260	91.6	14400	**5610**	Q	-	-	75-125	-	20
Lead, Total	196	48.5	405	**431**	Q	-	-	75-125	-	20
Magnesium, Total	456	916	1650	**130**	Q	-	-	75-125	-	20
Manganese, Total	150	45.8	197	103		-	-	75-125	-	20
Nickel, Total	4.08	45.8	48.7	97		-	-	75-125	-	20
Potassium, Total	284	916	1450	**127**	Q	-	-	75-125	-	20
Selenium, Total	ND	11	10.0	91		-	-	75-125	-	20
Silver, Total	ND	4.58	4.16	91		-	-	75-125	-	20
Sodium, Total	101J	916	1130	123		-	-	75-125	-	20
Thallium, Total	ND	11	11.1	101		-	-	75-125	-	20
Vanadium, Total	18.0	45.8	69.5	112		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

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): 22-29 QC Batch ID: WG1746218-3 QC Sample: L2308815-01 Client ID: MS Sample										
Zinc, Total	99.6	45.8	239	**304**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 22-29 QC Batch ID: WG1746219-3 QC Sample: L2200083-72 Client ID: MS Sample										
Mercury, Total	0.216	1.39	1.60	99		-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13 QC Batch ID: WG1746128-4 QC Sample: L2308870-01 Client ID: DUP Sample						
Aluminum, Total	6.11	6.35	mg/l	4		20
Antimony, Total	0.00131J	0.00171J	mg/l	NC		20
Arsenic, Total	0.00637	0.00617	mg/l	3		20
Barium, Total	0.05628	0.05713	mg/l	1		20
Beryllium, Total	0.00028J	0.00029J	mg/l	NC		20
Cadmium, Total	0.00009J	0.00010J	mg/l	NC		20
Calcium, Total	19.0	19.6	mg/l	3		20
Chromium, Total	0.01520	0.01591	mg/l	5		20
Cobalt, Total	0.00437	0.00423	mg/l	3		20
Copper, Total	0.02195	0.02104	mg/l	4		20
Iron, Total	8.86	8.57	mg/l	3		20
Lead, Total	0.01382	0.01405	mg/l	2		20
Magnesium, Total	7.04	7.16	mg/l	2		20
Manganese, Total	0.1128	0.1164	mg/l	3		20
Nickel, Total	0.02190	0.02093	mg/l	5		20
Potassium, Total	9.20	9.75	mg/l	6		20
Selenium, Total	0.00362J	0.00370J	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Thallium, Total	0.00046J	0.00115J	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308471

Report Date: 02/27/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13 QC Batch ID: WG1746128-4 QC Sample: L2308870-01 Client ID: DUP Sample					
Vanadium, Total	0.01849	0.01970	mg/l	6	20
Zinc, Total	0.08054	0.08037	mg/l	0	20
Total Metals - Mansfield Lab Associated sample(s): 13 QC Batch ID: WG1746128-4 QC Sample: L2308870-01 Client ID: DUP Sample					
Sodium, Total	462.	456	mg/l	1	20
Total Metals - Mansfield Lab Associated sample(s): 13 QC Batch ID: WG1746130-4 QC Sample: L2308495-04 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 22-29 QC Batch ID: WG1746218-4 QC Sample: L2308815-01 Client ID: DUP Sample						
Aluminum, Total	5480	6230	mg/kg	13		20
Antimony, Total	0.593J	0.406J	mg/kg	NC		20
Arsenic, Total	3.58	4.76	mg/kg	**28**	Q	20
Barium, Total	30.8	45.3	mg/kg	**38**	Q	20
Beryllium, Total	0.306J	0.352J	mg/kg	NC		20
Cadmium, Total	0.500J	0.706J	mg/kg	NC		20
Chromium, Total	10.7	12.1	mg/kg	12		20
Cobalt, Total	3.71	4.22	mg/kg	13		20
Copper, Total	14.4	19.1	mg/kg	**28**	Q	20
Iron, Total	9260	11000	mg/kg	17		20
Lead, Total	196	225	mg/kg	14		20
Manganese, Total	150	140	mg/kg	7		20
Nickel, Total	4.08	5.06	mg/kg	**21**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Thallium, Total	ND	0.423J	mg/kg	NC		20
Vanadium, Total	18.0	20.3	mg/kg	12		20
Zinc, Total	99.6	137	mg/kg	**32**	Q	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308471

Report Date: 02/27/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 22-29 QC Batch ID: WG1746219-4 QC Sample: L2200083-72 Client ID: DUP Sample					
Mercury, Total	0.216	0.201	mg/kg	7	20

Project Name: TOT2202
Project Number: TOT2202

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2308471
Report Date: 02/27/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12,14-21 QC Batch ID: WG1746216-6 QC Sample: L2308471-19 Client ID: PDI017_5						
Aluminum, Total	4440	4630	mg/kg	4		20
Barium, Total	33.7	35.6	mg/kg	6		20
Calcium, Total	1920	2010	mg/kg	5		20
Iron, Total	10700	11600	mg/kg	8		20
Magnesium, Total	2470	2610	mg/kg	6		20
Manganese, Total	408	434	mg/kg	6		20

INORGANICS
&
MISCELLANEOUS

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-01
Client ID: PDI013_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 09:47
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	02/18/23 10:37	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-02
Client ID: PDI013_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 09:47
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	02/18/23 10:37	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-03
Client ID: PDI013_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 09:49
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.8		%	0.100	NA	1	-	02/18/23 10:37	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-04
Client ID: PDI014_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:00
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	02/18/23 10:37	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-05
Client ID: PDI014_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:03
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	02/18/23 10:37	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-06
Client ID: PDI014_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:01
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.7		%	0.100	NA	1	-	02/18/23 10:37	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-07
Client ID: PDI015_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:20
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	02/18/23 10:37	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-08
Client ID: PDI015_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:18
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.6		%	0.100	NA	1	-	02/18/23 10:37	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-09
Client ID: PDI015_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:20
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	02/18/23 10:37	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-10
Client ID: PDI025_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:37
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.9		%	0.100	NA	1	-	02/18/23 10:37	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-11
Client ID: PDI025_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:38
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.5		%	0.100	NA	1	-	02/18/23 10:37	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-12
Client ID: PDI025_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:40
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	02/18/23 10:37	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-14
Client ID: PDI016_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:56
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.7		%	0.100	NA	1	-	02/18/23 10:37	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-15
Client ID: PDI016_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:57
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.9		%	0.100	NA	1	-	02/18/23 10:37	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-16
Client ID: PDI016_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:58
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.4		%	0.100	NA	1	-	02/18/23 10:37	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-17
Client ID: PDI017_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 09:21
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.7		%	0.100	NA	1	-	02/18/23 10:37	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-18
Client ID: PDI017_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 09:25
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	02/18/23 10:37	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-19
Client ID: PDI017_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 09:24
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	02/18/23 10:37	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-20
Client ID: PDI022_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 07:42
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.5		%	0.100	NA	1	-	02/18/23 10:37	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-21
Client ID: PDI022_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 07:45
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.7		%	0.100	NA	1	-	02/18/23 10:37	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-22
Client ID: PDI022_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 07:45
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	02/18/23 10:49	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-23
Client ID: PDI023_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:10
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.3		%	0.100	NA	1	-	02/18/23 10:49	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-24
Client ID: PDI023_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:05
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.7		%	0.100	NA	1	-	02/18/23 10:49	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-25
Client ID: PDI023_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:06
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.7		%	0.100	NA	1	-	02/18/23 10:49	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-26
Client ID: PDI024_1
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:30
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	02/18/23 10:49	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-27
Client ID: PDI024_3
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:35
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	02/18/23 10:49	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-28
Client ID: PDI024_5
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 08:35
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	02/18/23 10:49	121,2540G	ROI

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2308471-29
Client ID: DUP005
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 00:00
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	02/18/23 10:49	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308471

Report Date: 02/27/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-12,14-21 QC Batch ID: WG1745940-1 QC Sample: L2308471-19 Client ID: PDI017_5						
Solids, Total	89.7	89.3	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 22-29 QC Batch ID: WG1745943-1 QC Sample: L2308631-01 Client ID: DUP Sample						
Solids, Total	85.0	84.2	%	1		20

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

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(*)
L2308471-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2308471-01B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-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),MN-TI(180),MG-TI(180),FE-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2308471-02B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-03A	Glass 60ml unpreserved split	A	NA		2.7	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),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-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)
L2308471-03B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	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),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2308471-04B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2308471-05B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2308471-06A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2308471-06B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-07A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	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),CU-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2308471-07B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-08A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	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),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2308471-08B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-09A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2308471-09B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-10A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2308471-10B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-11A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	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),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2308471-11B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2308471-12A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2308471-12B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-13A	Amber 120ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8082-LVI(365)
L2308471-13B	Amber 120ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8082-LVI(365)
L2308471-13C	Amber 250ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2308471-13D	Amber 250ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2308471-13E	Plastic 250ml HNO3 preserved	A	<2	<2	2.7	Y	Absent		SE-6020T(180),FE-6020T(180),BA-6020T(180),TL-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),HG-T(28),AG-6020T(180),AL-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2308471-14A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	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),SB-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2308471-14B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-15A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	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),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2308471-15B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-16A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2308471-16B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2308471-17A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2308471-17B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-18A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2308471-18B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-19A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2308471-19A1	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2308471-19A2	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2308471-19B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-19B1	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-19B2	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-20A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2308471-20B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2308471-21A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-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),MN-TI(180),HG-T(28),MG-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2308471-21B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-22A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2308471-22B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-23A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2308471-23B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-24A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2308471-24B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-25A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2308471-25B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-26A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-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),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2308471-26B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2308471-27A	Glass 60ml unpreserved split	B	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2308471-27B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-28A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2308471-28B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)
L2308471-29A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	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),SE-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2308471-29B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	TOT2202	**Lab Number:**	L2308471
Project Number:	TOT2202	**Report Date:**	02/27/23

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

Project Name:	TOT2202	**Lab Number:**	L2308471
Project Number:	TOT2202	**Report Date:**	02/27/23

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.

Chlordane: 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.)

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'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	TOT2202	**Lab Number:**	L2308471
Project Number:	TOT2202	**Report Date:**	02/27/23

Data Qualifiers

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.

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.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	TOT2202	**Lab Number:**	L2308471
Project Number:	TOT2202	**Report Date:**	02/27/23

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

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, NO2, NO3.

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

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, SM4500Cl-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, **LACHAT 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

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

NEW YORK CHAIN OF CUSTODY

ALPHA

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 4

Date Rec'd in Lab: 2/16/23 MW 1/16

ALPHA Job #: L2308471

Project Information
Project Name: T012202
Project Location: 737 4th Ave, Brooklyn, NY
Project #
(Use Project name as Project #) ☑
Project Manager: Jennifer Lewis, PG
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: D W Grosser Consulting Inc
Address: 630 Johnson Ave, Suite 7
Phone: 631-589-6353
Fax:
Email: jennifer@dwgrosser.com

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8270	Total Hg Total Metal							Sample Specific Comments	Total Bottles
08471-01	PDI013-1	02.16.23	09:47	S	DC	X	X								2
02	PDI013-3		09:47			X	X								
03	PDI013-5		09:49			X	X								
04	PDI014-1		10:00			X	X								
05	PDI014-3		10:03			X	X								
06	PDI014-5		10:01			X	X								
07	PDI015-1		10:20			X	X								
08	PDI015-3		10:18			X	X								
09	PDI015-5		10:20			X	X								
10	PDI025-1		10:37			X	X								
					Container Type	A	A								
					Preservative	A	A								

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	02.16.23 14:25	[signature]	2/16/23 14:25
[signature]	2/16/23 1750	[signature]	2/16/23 14:30
[signature]	2/16/23 2130	[signature]	2/16/23 2130
[signature]	2/16/23 2330		2/16/23 2330

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA

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 2 of 4

Date Rec'd in Lab: 2/16/23

ALPHA Job #: L2308471

Project Information
Project Name: TOT2202
Project Location: 737 4th Ave, Brooklyn, NY
Project #
(Use Project name as Project #) ☒
Project Manager: Jennifer Lewis
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: P.W Grosser Consulting Inc
Address: 630 Johnson Ave, Suite 7
Phone: 631-589-6353
Fax:
Email: jennifer@pwgrosser.com

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8270	Total Hg Total Metals	Total Hg Total Metals	NYTCL-8270-SIM-LVI	NYTCL-8082-LVI				Sample Specific Comments	Total Bottle
08471-11	PDI025-3	02.16.23	10:38	S	PC	X	X								2
12	PDI025-9		10:40			X	X								2
13	EQUIPBLANK003			W				X	X	X					5

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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	A	A	P	2A	2A
Preservative	A	A	C	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	02.16.23 14:28	[signature]	2/16/23 14:30
[signature]	2/16/23 17:30	[signature]	2/16/23 19:30
[signature]	2/16/23 2130	[signature]	2/16/23 2130
[signature]	2/16/23 2330	[signature]	2/16/23 2330

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

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 3 of 4

Date Rec'd in Lab: 2/16/23

ALPHA Job #: L2308471

Project Information
Project Name: TUT2202
Project Location: 737 4th Ave, Brooklyn, NY
Project #
(Use Project name as Project #) ☒
Project Manager: Jennifer Lewis
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: PW Grosser
Address: 630 Johnson Ave Suite 7
Bohema, 11716
Phone: 631-589-6353
Fax:
Email: JenniferL@pwgrosser.com

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8270	total Hg total metals							Sample Specific Comments	Total Bottles
05471-14	PDIO16_1	07/16/23	0856	S	DC	X	X								2
15	PDIO16_3		0857			X	X								
16	PDIO16_5		0858			X	X								
17	PDIO17_1		0921			X	X								
18	PDIO17_3		0925			X	X								
19	PDIO17_5		0924			X	X								
19 ~~20~~	PDIO17_5_MS/MSD		0924			X	X								
20 ~~21~~	PDIO22_1		0742			X	X								
21 ~~22~~	PDIO22_3		0745			X	X								
22 ~~23~~	PDIO22_5		0745			X	X								

Preservative Code: MW
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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	A	A
Preservative	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	02/16/23 14:28	[signature]	2/16/23 14:28
[signature]	2/16/23 12:50	[signature]	2/16/23 19:30
[signature]	2/16/23 2130	[signature]	2/16/23 2130
[signature]	2/16/23 2330	[signature]	2/16/23 2330

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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 4 of 4

Date Rec'd in Lab: 2/16/23

ALPHA Job #: L2308471

Project Information
Project Name: TOT 2202
Project Location: 737 4th Brooklyn, NY
Project #
(Use Project name as Project #) ☒
Project Manager: Jennifer Lewis
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: PW Grosser
Address: 630 Johnson Ave Suite 7 Bohemia, 11716
Phone: 631-589-6353
Fax:
Email: jennifer2@pwgrosser.com

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYPCL-8270	Total Hg total metals							Sample Specific Comments	Total Bottles
08471-23 ~~24~~	PDIU23_1	02/16/23	0810	S	DC	X	X								2
24 ~~25~~	PDIU23_3		0805			X	X								
25 ~~26~~	PDIU23_5		0806			X	X								
26 ~~27~~	PDIU24_1		0830			X	X								
27 ~~28~~	PDIU24_3		0835			X	X								
28 ~~29~~	PDIU24_5		0835			X	X								
29 ~~30~~ mw	DUP005					X	X								

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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	A	A
Preservative	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	02.16.23 14:25	[signature]	2/16/23 14:25
[signature]	2/16/23 17:50	[signature]	2/16/23 19:30
[signature]	2/16/23 2130	[signature]	2/16/23 2130
[signature]	2/16/23 2330	[signature]	2/16/23 2330

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2308472
Client:	P. W. Grosser 630 Johnson Avenue Suite 7 Bohemia, NY 11716
ATTN:	Jennifer Lewis
Phone:	(631) 589-6353
Project Name:	TOT2202
Project Number:	TOT2202
Report Date:	03/02/23

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).

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

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308472
Report Date: 03/02/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2308472-01	PDI015_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:23	02/16/23
L2308472-02	PDI025_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:45	02/16/23
L2308472-03	PDI017_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:27	02/16/23
L2308472-04	PDI017_9	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 09:31	02/16/23
L2308472-05	PDI016_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 09:00	02/16/23
L2308472-06	PDI022_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 07:47	02/16/23
L2308472-07	PDI022_9	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 07:49	02/16/23
L2308472-08	PDI023_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:08	02/16/23
L2308472-09	PDI023_9	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:10	02/16/23
L2308472-10	PDI024_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:36	02/16/23

Project Name:	TOT2202	**Lab Number:**	L2308472
Project Number:	TOT2202	**Report Date:**	03/02/23

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.

Project Name:	TOT2202	**Lab Number:**	L2308472
Project Number:	TOT2202	**Report Date:**	03/02/23

Case Narrative (continued)

Report Submission

March 02, 2023: This final report includes the results of all requested analyses.

February 28, 2023: This is a preliminary report.

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

Sample Receipt

The analyses performed were specified by the client.

Total Metals

L2308472-02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1748313-3 MS recoveries for aluminum (510%), calcium (0%), iron (469%), magnesium (0%), and zinc (0%), performed on L2308472-02, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1748313-3 MS recoveries, performed on L2308472-02, are outside the acceptance criteria for barium (1%) and lead (0%). A post digestion spike was performed and was within acceptance criteria.

The WG1748313-4 Laboratory Duplicate RPDs for arsenic (29%), barium (122%), calcium (40%), cobalt (27%), lead (93%), magnesium (38%), manganese (26%), potassium (25%), and zinc (92%), performed on L2308472-02, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 03/02/23

ORGANICS

SEMIVOLATILES

Project Name: TOT2202 **Lab Number:** L2308472

Project Number: TOT2202 **Report Date:** 03/02/23

SAMPLE RESULTS

Lab ID: L2308472-02
Client ID: PDI025_7
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:45
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/28/23 14:13
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/27/23 19:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	87	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: TOT2202 **Lab Number:** L2308472

Project Number: TOT2202 **Report Date:** 03/02/23

SAMPLE RESULTS

Lab ID: L2308472-02 Date Collected: 02/16/23 10:45

Client ID: PDI025_7 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, 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	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	54	J	ug/kg	110	21.	1
Benzo(a)pyrene	59	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	61	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	30	J	ug/kg	110	30.	1
Chrysene	49	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	36	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	38	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	36	J	ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: TOT2202 **Lab Number:** L2308472

Project Number: TOT2202 **Report Date:** 03/02/23

SAMPLE RESULTS

Lab ID: L2308472-02 Date Collected: 02/16/23 10:45

Client ID: PDI025_7 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	82		18-120

Project Name: TOT2202 **Lab Number:** L2308472

Project Number: TOT2202 **Report Date:** 03/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/28/23 11:52
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 02/27/23 11:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1749027-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.
Hexachlorobenzene	ND		ug/kg	100	19.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
1,2-Dichlorobenzene	ND		ug/kg	170	30.
1,3-Dichlorobenzene	ND		ug/kg	170	28.
1,4-Dichlorobenzene	ND		ug/kg	170	29.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	480	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	25.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	32.
Di-n-octylphthalate	ND		ug/kg	170	56.
Diethyl phthalate	ND		ug/kg	170	15.

Project Name: TOT2202 **Lab Number:** L2308472

Project Number: TOT2202 **Report Date:** 03/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/28/23 11:52
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 02/27/23 11:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1749027-1					
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	32.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: TOT2202 **Lab Number:** L2308472

Project Number: TOT2202 **Report Date:** 03/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/28/23 11:52
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 02/27/23 11:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1749027-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	170	51.
Carbazole	ND		ug/kg	170	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	83		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308472
Report Date: 03/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1749027-2 WG1749027-3								
Acenaphthene	77		69		31-137	11		50
1,2,4-Trichlorobenzene	72		65		38-107	10		50
Hexachlorobenzene	80		71		40-140	12		50
Bis(2-chloroethyl)ether	65		59		40-140	10		50
2-Chloronaphthalene	79		69		40-140	14		50
1,2-Dichlorobenzene	71		65		40-140	9		50
1,3-Dichlorobenzene	72		66		40-140	9		50
1,4-Dichlorobenzene	71		65		28-104	9		50
3,3'-Dichlorobenzidine	59		57		40-140	3		50
2,4-Dinitrotoluene	111		97		40-132	13		50
2,6-Dinitrotoluene	100		88		40-140	13		50
Fluoranthene	87		76		40-140	13		50
4-Chlorophenyl phenyl ether	79		71		40-140	11		50
4-Bromophenyl phenyl ether	82		71		40-140	14		50
Bis(2-chloroisopropyl)ether	54		49		40-140	10		50
Bis(2-chloroethoxy)methane	69		61		40-117	12		50
Hexachlorobutadiene	74		70		40-140	6		50
Hexachlorocyclopentadiene	85		77		40-140	10		50
Hexachloroethane	72		66		40-140	9		50
Isophorone	65		60		40-140	8		50
Naphthalene	75		67		40-140	11		50
Nitrobenzene	71		64		40-140	10		50
NDPA/DPA	83		74		36-157	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308472
Report Date: 03/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1749027-2 WG1749027-3								
n-Nitrosodi-n-propylamine	67		61		32-121	9		50
Bis(2-ethylhexyl)phthalate	90		80		40-140	12		50
Butyl benzyl phthalate	101		86		40-140	16		50
Di-n-butylphthalate	86		76		40-140	12		50
Di-n-octylphthalate	102		91		40-140	11		50
Diethyl phthalate	82		72		40-140	13		50
Dimethyl phthalate	83		70		40-140	17		50
Benzo(a)anthracene	80		72		40-140	11		50
Benzo(a)pyrene	94		84		40-140	11		50
Benzo(b)fluoranthene	87		78		40-140	11		50
Benzo(k)fluoranthene	91		83		40-140	9		50
Chrysene	80		71		40-140	12		50
Acenaphthylene	81		70		40-140	15		50
Anthracene	82		72		40-140	13		50
Benzo(ghi)perylene	81		73		40-140	10		50
Fluorene	78		71		40-140	9		50
Phenanthrene	78		69		40-140	12		50
Dibenzo(a,h)anthracene	80		72		40-140	11		50
Indeno(1,2,3-cd)pyrene	87		80		40-140	8		50
Pyrene	88		75		35-142	16		50
Biphenyl	79		70		37-127	12		50
4-Chloroaniline	**32**	Q	**30**	Q	40-140	6		50
2-Nitroaniline	104		85		47-134	20		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308472
Report Date: 03/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1749027-2 WG1749027-3								
3-Nitroaniline	59		53		26-129	11		50
4-Nitroaniline	94		81		41-125	15		50
Dibenzofuran	80		71		40-140	12		50
2-Methylnaphthalene	78		69		40-140	12		50
1,2,4,5-Tetrachlorobenzene	80		72		40-117	11		50
Acetophenone	76		67		14-144	13		50
2,4,6-Trichlorophenol	92		78		30-130	16		50
p-Chloro-m-cresol	86		75		26-103	14		50
2-Chlorophenol	80		72		25-102	11		50
2,4-Dichlorophenol	82		75		30-130	9		50
2,4-Dimethylphenol	73		66		30-130	10		50
2-Nitrophenol	97		86		30-130	12		50
4-Nitrophenol	82		69		11-114	17		50
2,4-Dinitrophenol	87		70		4-130	22		50
4,6-Dinitro-o-cresol	119		102		10-130	15		50
Pentachlorophenol	82		68		17-109	19		50
Phenol	80		71		26-90	12		50
2-Methylphenol	73		65		30-130.	12		50
3-Methylphenol/4-Methylphenol	75		66		30-130	13		50
2,4,5-Trichlorophenol	92		82		30-130	11		50
Benzoic Acid	38		30		10-110	24		50
Benzyl Alcohol	68		61		40-140	11		50
Carbazole	85		74		54-128	14		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308472

Report Date: 03/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1749027-2 WG1749027-3								
1,4-Dioxane	59		54		40-140	9		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		70		25-120
Phenol-d6	74		67		10-120
Nitrobenzene-d5	72		66		23-120
2-Fluorobiphenyl	76		67		30-120
2,4,6-Tribromophenol	83		75		10-136
4-Terphenyl-d14	79		69		18-120

METALS

Project Name: TOT2202 **Lab Number:** L2308472

Project Number: TOT2202 **Report Date:** 03/02/23

SAMPLE RESULTS

Lab ID: L2308472-02 Date Collected: 02/16/23 10:45

Client ID: PDI025_7 Date Received: 02/16/23

Sample Location: 737 4TH AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6190		mg/kg	8.80	2.38	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW
Antimony, Total	0.890	J	mg/kg	4.40	0.334	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW
Arsenic, Total	3.83		mg/kg	0.880	0.183	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW
Barium, Total	214		mg/kg	0.880	0.153	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.458		mg/kg	0.440	0.029	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.710	J	mg/kg	0.880	0.086	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW
Calcium, Total	16300		mg/kg	8.80	3.08	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW
Chromium, Total	11.4		mg/kg	0.880	0.084	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW
Cobalt, Total	4.46		mg/kg	1.76	0.146	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW
Copper, Total	22.4		mg/kg	0.880	0.227	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW
Iron, Total	11700		mg/kg	4.40	0.794	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW
Lead, Total	154		mg/kg	4.40	0.236	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW
Magnesium, Total	3720		mg/kg	8.80	1.35	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW
Manganese, Total	235		mg/kg	0.880	0.140	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW
Mercury, Total	0.059	J	mg/kg	0.083	0.054	1	02/28/23 02:45	02/28/23 10:49	EPA 7471B	1,7471B	ZNK
Nickel, Total	11.5		mg/kg	2.20	0.213	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW
Potassium, Total	1330		mg/kg	220	12.7	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.76	0.227	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.440	0.249	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW
Sodium, Total	150	J	mg/kg	176	2.77	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.76	0.277	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW
Vanadium, Total	20.2		mg/kg	0.880	0.178	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW
Zinc, Total	330		mg/kg	4.40	0.258	2	02/28/23 08:40	02/28/23 12:21	EPA 3050B	1,6010D	EGW

Project Name: TOT2202 **Lab Number:** L2308472

Project Number: TOT2202 **Report Date:** 03/02/23

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): 02 Batch: WG1748313-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW
Antimony, Total	ND		mg/kg	2.00	0.152	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW
Arsenic, Total	ND		mg/kg	0.400	0.083	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW
Barium, Total	ND		mg/kg	0.400	0.070	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW
Beryllium, Total	ND		mg/kg	0.200	0.013	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW
Cadmium, Total	ND		mg/kg	0.400	0.039	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW
Calcium, Total	ND		mg/kg	4.00	1.40	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW
Chromium, Total	ND		mg/kg	0.400	0.038	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW
Cobalt, Total	ND		mg/kg	0.800	0.066	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW
Copper, Total	ND		mg/kg	0.400	0.103	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW
Iron, Total	ND		mg/kg	2.00	0.361	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW
Lead, Total	ND		mg/kg	2.00	0.107	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW
Magnesium, Total	ND		mg/kg	4.00	0.616	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW
Manganese, Total	ND		mg/kg	0.400	0.064	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW
Nickel, Total	ND		mg/kg	1.00	0.097	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW
Potassium, Total	ND		mg/kg	100	5.76	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW
Selenium, Total	ND		mg/kg	0.800	0.103	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW
Silver, Total	ND		mg/kg	0.200	0.113	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW
Sodium, Total	ND		mg/kg	80.0	1.26	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW
Thallium, Total	ND		mg/kg	0.800	0.126	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW
Vanadium, Total	ND		mg/kg	0.400	0.081	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW
Zinc, Total	ND		mg/kg	2.00	0.117	1	02/28/23 08:40	02/28/23 12:12	1,6010D	EGW

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): 02 Batch: WG1749283-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/28/23 02:45	02/28/23 10:43	1,7471B	ZNK

Project Name: TOT2202
Project Number: TOT2202
Lab Number: L2308472
Report Date: 03/02/23

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308472

Report Date: 03/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1748313-2 SRM Lot Number: D116-540								
Aluminum, Total	85		-		45-155	-		
Antimony, Total	178		-		2-205	-		
Arsenic, Total	102		-		82-119	-		
Barium, Total	87		-		82-118	-		
Beryllium, Total	92		-		82-118	-		
Cadmium, Total	94		-		82-118	-		
Calcium, Total	89		-		81-119	-		
Chromium, Total	92		-		81-118	-		
Cobalt, Total	94		-		83-117	-		
Copper, Total	94		-		83-117	-		
Iron, Total	111		-		58-142	-		
Lead, Total	101		-		83-117	-		
Magnesium, Total	88		-		75-125	-		
Manganese, Total	92		-		82-118	-		
Nickel, Total	93		-		82-118	-		
Potassium, Total	90		-		68-131	-		
Selenium, Total	96		-		78-122	-		
Silver, Total	95		-		79-121	-		
Sodium, Total	97		-		71-130	-		
Thallium, Total	97		-		80-120	-		
Vanadium, Total	95		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308472

Report Date: 03/02/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1748313-2 SRM Lot Number: D116-540					
Zinc, Total	95	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1749283-2 SRM Lot Number: D116-540					
Mercury, Total	98	-	58-142	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308472
Report Date: 03/02/23

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): 02 QC Batch ID: WG1748313-3 QC Sample: L2308472-02 Client ID: PDI025_7												
Aluminum, Total	6190	171	7060	**510**	Q	-	-		75-125	-		20
Antimony, Total	0.890J	42.6	42.3	99		-	-		75-125	-		20
Arsenic, Total	3.83	10.2	15.3	112		-	-		75-125	-		20
Barium, Total	214	171	216	**1**	Q	-	-		75-125	-		20
Beryllium, Total	0.458	4.26	4.78	101		-	-		75-125	-		20
Cadmium, Total	0.710J	4.52	4.91	108		-	-		75-125	-		20
Calcium, Total	16300	853	12000	**0**	Q	-	-		75-125	-		20
Chromium, Total	11.4	17.1	28.7	101		-	-		75-125	-		20
Cobalt, Total	4.46	42.6	45.9	97		-	-		75-125	-		20
Copper, Total	22.4	21.3	45.5	108		-	-		75-125	-		20
Iron, Total	11700	85.3	12100	**469**	Q	-	-		75-125	-		20
Lead, Total	154	45.2	95.6	**0**	Q	-	-		75-125	-		20
Magnesium, Total	3720	853	3460	**0**	Q	-	-		75-125	-		20
Manganese, Total	235	42.6	285	117		-	-		75-125	-		20
Nickel, Total	11.5	42.6	55.1	102		-	-		75-125	-		20
Potassium, Total	1330	853	1990	77		-	-		75-125	-		20
Selenium, Total	ND	10.2	9.53	93		-	-		75-125	-		20
Silver, Total	ND	4.26	4.10	96		-	-		75-125	-		20
Sodium, Total	150J	853	995	117		-	-		75-125	-		20
Thallium, Total	ND	10.2	10.0	98		-	-		75-125	-		20
Vanadium, Total	20.2	42.6	61.6	97		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308472
Report Date: 03/02/23

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): 02 QC Batch ID: WG1748313-3 QC Sample: L2308472-02 Client ID: PDI025_7										
Zinc, Total	330	42.6	148	**0**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1749283-3 QC Sample: L2308472-02 Client ID: PDI025_7										
Mercury, Total	0.059J	1.72	1.83	107		-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308472
Report Date: 03/02/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1748313-4 QC Sample: L2308472-02 Client ID: PDI025_7						
Aluminum, Total	6190	6030	mg/kg	3		20
Antimony, Total	0.890J	0.908J	mg/kg	NC		20
Arsenic, Total	3.83	5.13	mg/kg	**29**	Q	20
Barium, Total	214	51.5	mg/kg	**122**	Q	20
Beryllium, Total	0.458	0.481	mg/kg	5		20
Cadmium, Total	0.710J	0.467J	mg/kg	NC		20
Calcium, Total	16300	10900	mg/kg	**40**	Q	20
Chromium, Total	11.4	11.2	mg/kg	2		20
Cobalt, Total	4.46	5.83	mg/kg	**27**	Q	20
Copper, Total	22.4	25.5	mg/kg	13		20
Iron, Total	11700	13000	mg/kg	11		20
Lead, Total	154	56.2	mg/kg	**93**	Q	20
Magnesium, Total	3720	2530	mg/kg	**38**	Q	20
Manganese, Total	235	304	mg/kg	**26**	Q	20
Nickel, Total	11.5	13.8	mg/kg	18		20
Potassium, Total	1330	1030	mg/kg	**25**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	150J	138J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308472

Report Date: 03/02/23

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1748313-4 QC Sample: L2308472-02 Client ID: PDI025_7						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	20.2	20.2	mg/kg	0		20
Zinc, Total	330	122	mg/kg	**92**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1749283-4 QC Sample: L2308472-02 Client ID: PDI025_7						
Mercury, Total	0.059J	0.095	mg/kg	NC		20

Project Name: TOT2202
Project Number: TOT2202

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2308472
Report Date: 03/02/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1748313-6 QC Sample: L2308472-02 Client ID: PDI025_7						
Aluminum, Total	6190	6750	mg/kg	9		20
Barium, Total	214	236	mg/kg	10		20
Calcium, Total	16300	18300	mg/kg	12		20
Copper, Total	22.4	23.5	mg/kg	5		20
Iron, Total	11700	13300	mg/kg	14		20
Lead, Total	154	155	mg/kg	1		20
Magnesium, Total	3720	3970	mg/kg	7		20
Manganese, Total	235	267	mg/kg	14		20
Zinc, Total	330	333	mg/kg	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308472
Report Date: 03/02/23

SAMPLE RESULTS

Lab ID: L2308472-02
Client ID: PDI025_7
Sample Location: 737 4TH AVE, BROOKLYN, NY

Date Collected: 02/16/23 10:45
Date Received: 02/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	02/28/23 03:23	121,2540G	MAA

Lab Duplicate Analysis

Batch Quality Control

Project Name: TOT2202

Project Number: TOT2202

Lab Number: L2308472

Report Date: 03/02/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG1749289-1 QC Sample: L2308472-02 Client ID: PDI025_7						
Solids, Total	88.8	89.5	%	1		20

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308472
Report Date: 03/02/23

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(*)
L2308472-01A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		HOLD-METAL(180)
L2308472-01B	Glass 120ml/4oz unpreserved	B	NA		2.5	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14)
L2308472-02A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2308472-02B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L2308472-03A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)
L2308472-03B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14)
L2308472-04A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)
L2308472-04B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14)
L2308472-05A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)
L2308472-05B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14)
L2308472-06A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)
L2308472-06B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14)
L2308472-07A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)
L2308472-07B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14)
L2308472-08A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)
L2308472-08B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14)
L2308472-09A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)
L2308472-09B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14)
L2308472-10A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308472
Report Date: 03/02/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2308472-10B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	TOT2202	**Lab Number:**	L2308472
Project Number:	TOT2202	**Report Date:**	03/02/23

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

Project Name:	TOT2202	**Lab Number:**	L2308472
Project Number:	TOT2202	**Report Date:**	03/02/23

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.

Chlordane: 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.)

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'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	TOT2202	**Lab Number:**	L2308472
Project Number:	TOT2202	**Report Date:**	03/02/23

Data Qualifiers

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.

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.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	TOT2202	**Lab Number:**	L2308472
Project Number:	TOT2202	**Report Date:**	03/02/23

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

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, NO2, NO3.

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

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, SM4500Cl-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, **LACHAT 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

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

ALPHA ANALYTICAL

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: 2/16/23

ALPHA Job #: L2308472

Client Information
Client: P.W Grosser Consulting Inc.
Address: 630 Johnson Ave, Suite 7
Bohemia, NY 11716
Phone: 631-589-6353
Fax:
Email: jennifer1@pwgrosser.com

Project Information
Project Name: TOT2202
Project Location: 7374th Ave, Brooklyn NY
Project #
(Use Project name as Project #) [x]
Project Manager: Jennifer Lewis, PG
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement
[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information
[X] Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:
HOLD ALL SAMPLES

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8270	Total Hg Total Metals						Sample Specific Comments	Total Bottles
08472-01	PDI015_7	02.16.23	10:23	S	DC	X	X							2
02	PDI025_7	02.16.23	10:45	↓	↓	X	X							↓
03	PDI017_7	↓	09:27	↓	↓	X	X							↓
04	PDI017_9	↓	09:31	↓	↓	X	X							↓
05	PDI016_7	↓	09:00	↓	↓	X	X							↓
06	PDI022_7	↓	07:47	↓	↓	X	X							↓
07	PDI022_9	↓	07:49	↓	↓	X	X							↓
08	PDI023_7	↓	08:08	↓	↓	X	X							↓
09	PDI023_9	↓	08:10	↓	↓	X	X							↓
10	PDI024_7	↓	08:36	↓	↓	X	X							↓
					Container Type	A	A							
					Preservative	A	A							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	02/16/23 14:26	[signature]	2/16/23 14:26
[signature]	2/16/23 17:00	[signature]	2/16/23 19:30
[signature]	2/16/23 2130	[signature]	2/16/23 2130
[signature]	2/16/23 2330	[signature]	2/16/23 2330

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

APPENDIX C

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON, CT

DATA USABILITY SUMMARY REPORT (DUSR)

NYS Brownsfield
737 4th Avenue
Brooklyn, NY
Project # TOT2202

SDG: L2308197
3 Soil Samples and an Equipment Blank

Prepared for:

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia, NY 11716
Attention: Jennifer Lewis

March 2023

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

Table of Contents

Page No.

REVIEWER'S NARRATIVE

1.0 SUMMARY 1

2.0 INTRODUCTION 1

3.0 SAMPLE AND ANALYSIS SUMMARY 2

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA 2

5.0 DATA VALIDATION QUALIFIERS 3

6.0 RESULTS OF THE DATA REVIEW 4

7.0 TOTAL USABLE DATA 4

APPENDIX A Validated Analytical Results
APPENDIX B Laboratory QC Documentation
APPENDIX C Validator Qualifications

Tables

Table 4-1 Data Validation Guidance Documents
Table 4-2 Quality Control Criteria for Validating Laboratory Analytical Data

Summaries of Validated Results
Table 6-1 SVOCs-Scan
Table 6-2 SVOCs-SIM
Table 6-3 PCBs
Table 6-4 ICP Metals
Table 6-5 ICP/MS Metals
Table 6-6 Mercury

REVIEWER'S NARRATIVE
PWGC SDG L2308197: TOT2202

The data associated with this Sample Delivery Group (SDG) L2308197, analyzed by Alpha Analytical, Westborough, MA have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 3/25/2023

Michael K. Perry
Chemist

1.0 EVENT SUMMARY

SITE:	737 4th Avenue Brooklyn, NY Project #: TOT2202
SAMPLING DATE:	February 15, 2023
SAMPLE TYPE:	3 soil samples and an Equipment Blank
LABORATORY:	Alpha Analytical Westborough, MA
SDG No.:	L2308197

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYS IS SUMMARY

The data package consists of analytical results for 24 samples including an equipment blank collected on February 15, 2023. However, at the client's request only samples PDI012_5, PDI020_1, DUP003 and the Equipment Blank were validated. These samples were analyzed for Semi-volatile Organic Compounds (SVOCs), PCBs, and Metals.

All laboratory analyses were submitted to Alpha Analytical, Westborough, MA and analyzed as SDG L2308197. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC	January 2021
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)
Completeness of Pkg
Sample Preservation
Holding Time
Canister Certification
Instrument Tuning
Initial Calibration and Instrument Performance
Daily Calibration
Blanks
Lab Control Sample
Field Duplicate

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the analytical data review are summarized in Tables 6-1 through 6-6. The tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG L2308197, four samples were analyzed and results were reported for 385 analytes. Even though some results were flagged with a "J" as estimated, all results (100/ %) are considered usable. See the summary table for the analyses that have been qualified and the associated QC reasons.

NOTE: 1) There was no CRDL Standard present for the Metals analyses. This adds an element of uncertainty to the analytical results. Although not specifically indicated on the final data sheets with a "J" flag, the analytical results should be considered estimated, but usable.

Table 6-1 SVOCs - Scan

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
Equipment Blank	3,3'-Dichlorobenzidine	J detects UJ non-detects	LCS rec < QC limit	Data are estimated
PDI012_5	Hexachlorocyclopentadiene 2,4-Dinitrophenol Benzoic acid	J detects UJ non-detects	MS/MSD rec < QC limit	Data are estimated
Equipment Blank	2-Nitrophenol Benzoic acid 2-Nitroaniline 2,6-Dinitrotoluene 3-Nitroaniline 2,4-Dinitrophenol 2,4-Dinitrotoluene 4-Nitroaniline 4,6-Dinitro-o-cresol	J detects UJ non-detects	CCV > QC limit	Data are estimated
PDI012_5 DUP003 PDI020_1	Bis(2-chloroisopropyl)ether N-Nitroso-d-n-propyamine 4-Chloroaniline Hexachlorocyclopentadiene 2,4-Dinitrophenol Pentachlorophenol Butyl benzy phthalate Bis(2-ethylhexyl)phthalate Di-n-octylphthalate Acetphenone	J detects UJ non-detects	CCV > QC limit and/or LCS rec < QC limit	Data are estimated

Table 6-2 SVOCs - SIM

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-3 PCBs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-4 ICP Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
DUP003 PDI020_1	Ca, Mg, and Na	J detects	Field Dup % D > QC limit	Data are estimated
PDI012_5	Fe	J+ detects	CCV > QC limit	Data are biased high
PDI012_5	Mg	J detects	Dup % D > QC limit	Data are estimated

Table 6-5 ICP/MS Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-6 Mercury

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

www.alphalab.com



Alpha Analytical

Laboratory Code: 11148

SDG Number: L2308197

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.

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308197
Report Date: 02/24/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2308197-01	PDI012_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 13:19	02/15/23
L2308197-02	PDI012_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 13:15	02/15/23
L2308197-03	PDI012_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 13:17	02/15/23
L2308197-04	PDI021_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 13:00	02/15/23
L2308197-05	PDI021_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 13:03	02/15/23
L2308197-06	DUP004 01	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 00:00	02/15/23
L2308197-07	DUP003 08	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 00:00	02/15/23
L2308197-08	PDI020_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 11:04	02/15/23
L2308197-09	PDI020_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 11:05	02/15/23
L2308197-10	PDI019_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 10:28	02/15/23
L2308197-11	PDI019_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 10:27	02/15/23
L2308197-12	PDI018_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 11:55	02/15/23
L2308197-13	PDI018_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 11:58	02/15/23
L2308197-14	PDI018_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 11:58	02/15/23
L2308197-15	PDI007_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 07:51	02/15/23
L2308197-16	PDI007_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 07:55	02/15/23
L2308197-17	PDI008_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 08:25	02/15/23
L2308197-18	PDI008_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 08:25	02/15/23
L2308197-19	PDI009_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 08:55	02/15/23
L2308197-20	PDI009_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 08:54	02/15/23
L2308197-21	PDI010_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 09:56	02/15/23
L2308197-22	PDI010_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 09:57	02/15/23
L2308197-23	DUP002 20	SOIL	737 4TH AVE, BROOKLYN, NY	02/15/23 00:00	02/15/23
L2308197-24	EQUIP BLANK 002	WATER	737 4TH AVE, BROOKLYN, NY	02/15/23 07:15	02/15/23

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

L2308197-01D, -06D, -07D, -08D, -12D, -15RE\D, -15D, -17D, -19RE\D, -19D, -21D, and -23D: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2308197-15D: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (4%) and 2,4,6-tribromophenol (0%); however, re-extraction achieved similar results: 2-fluorophenol (0%), phenol-d6 (4%) and 2,4,6-tribromophenol (3%). The results of both extractions are reported.

L2308197-19D: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (1%) and 2,4,6-tribromophenol (0%); however, re-extraction achieved similar results: 2-fluorophenol (0%), phenol-d6 (0%) and 2,4,6-tribromophenol (0%). The results of both extractions are reported.

The WG1746104-4/-5 MS/MSD recoveries, performed on L2308197-03, are below the acceptance criteria for hexachlorocyclopentadiene (0%/0%), 2,4-dinitrophenol (0%/0%) and benzoic acid (0%/0%) due to the concentration of these compound in the MS/MSD falling below the reported detection limits.

The WG1746104-6/-7 MS/MSD recoveries, performed on L2308197-09, are below the acceptance criteria for hexachlorocyclopentadiene (0%/0%), 2,4-dinitrophenol (0%/0%), 4,6-dinitro-o-cresol (0%/0%) and benzoic acid (0%/0%) due to the concentration of these compounds in the MS/MSD falling below the reported detection limits.

Total Metals

L2308197-01 through -23: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1745357-1 Method Blank, associated with L2308197-15 through -23, has a concentration above the reporting limit for iron. Since the associated sample concentrations are either greater than 10x the blank

Case Narrative (continued)

concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

The WG1745486-1 Method Blank, associated with L2308197-24, has a concentration above the reporting limit for mercury. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

The WG1745335-3/-4 MS/MSD recoveries for aluminum (178%/0%), iron (0%/0%) and manganese (291%/53%), performed on L2308197-03, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1745335-3/-4 MS/MSD RPD for manganese (41%), performed on L2308197-03, is above the acceptance criteria.

The WG1745335-7/-8 MS/MSD recoveries for aluminum (MSD 0%), calcium (1250%/30%), iron (0%/0%), and manganese (0%/0%), performed on L2308197-09, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1745335-7/-8 MS/MSD RPD for calcium (95%), performed on L2308197-09, is above the acceptance criteria.

The WG1745335-7/8 MS/MSD recoveries, performed on L2308197-09, are outside the acceptance criteria for magnesium (168%/133%). A post digestion spike was performed and was within acceptance criteria.

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: Tiffani Morrissey Report Date: 02/24/23

Title: Technical Director/Representative

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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 3

Date Rec'd in Lab: 2/15/23

ALPHA Job #: L2308197

Project Information
Project Name: TOT2202
Project Location: 737 4th Ave, Brooklyn, NY
Project #
(Use Project name as Project #) ☒
Project Manager: Jennifer Lewis
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: PW Grosser Consulting Inc.
Address: 630 Johnson Ave, Suite 7
Bohemia, NY 11716
Phone: 631-589-6353
Fax:
Email: jennifer@pwgrosser.com

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8270	Total Hg Total Metals						Sample Specific Comments	Total Bottles
08197-01	PDI012_1	02.15.23	13:14	S	DC	X	X							2
-02	PDI012_3		13:15			X	X							
-03	PDI012_5		13:17			X	X							
-03	PDI012_5(MS/MSD)		13:25			X	X							4
-04	PDI021_1		13:01			X	X							2
-05	PDI021_3		13:03			X	X							
-06	DUP004					X	X							
-07	DUP003					X	X							
-08	PDI020_1		11:04			X	X							
-09	PDI020_3		11:05			X	X							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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	A	A											
Preservative	A	A											

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	02.15.23 15:05	[signature]	2/15/23 15:05
[signature]	2/15/23 17:40	[signature]	2/15/23 19:30
[signature]	2/15/23 2140	[signature]	2/15/23 2140
[signature]	2/15/23 2330	[signature]	2/15/23 2330

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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 2 of 3

Date Rec'd in Lab: 2/15/23

ALPHA Job #: L2308197

Client Information

Client: P.W Grosser Con
Address: 630 Johnson Ave, Suite 7
Bohemia, NY 11716
Phone: 631-589-6353
Fax:
Email: jennifer1@pwgrosser.com

Project Information

Project Name: TOT2202
Project Location: 737 4th Ave, Brooklyn, NY
Project #
(Use Project name as Project #) ☒
Project Manager: Jennifer Lewis, PG
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

NYTCL-8270
10 NYCRR Part 375 Total Metals

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8270	10 NYCRR Part 375 Total Metals	Total Bottle
08197-09	PDI020_3(MS/MSD)	02.15.23	11:10	S	DC	X	X	4
-10	PDI019_1		10:28			X	X	2
-11	PDI019_3		10:27			X	X	
-12	PDI018_1		11:55			X	X	
-13	PDI018_3		12:58			X	X	
-14	PDI018_5		11:58			X	X	

Container Type: A A
Preservative: A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	02.15.23 15:05	[illegible]	2/15/23 15:05
[illegible]	2/15/23 17:09	[illegible]	2/15/23 19:30
[illegible]	2/15/23 21:40	[illegible]	2/15/23 21:40
[illegible]	2/15/23 23:30		2/15/23 23:30

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

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

NEW YORK CHAIN OF CUSTODY

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 3 of 3

Date Rec'd in Lab: 2/15/23

ALPHA Job #: L2308197

Project Information
Project Name: TOT 2202
Project Location: 737 4th Ave Brooklyn, NY
Project #
(Use Project name as Project #) ☒
Project Manager: Jennifer Lewis
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: PW Grosser
Address: 630 Johnson Ave Suite 7
Bohemia, NY 11716
Phone: 631-589-6353
Fax:
Email: JenniferL@pwgrosser.com

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8270	Total Hg total metals	NYTCL-8082	NYTCL-8082-LVI	NYTCL-8270-SIM-LVI	Total Hg Total Metals			Sample Specific Comments	Total Bottles
01897-15	PDI007_1	02/15/23	0751	S	DC	X	X	X							3
-16	PDI007_3	↓	0755	↓	↓	X	X	X							↓
-17	PDI008_1	↓	0825	↓	↓	X	X								2
-18	PDI008_3	↓	0825	↓	↓	X	X								↓
-19	PDI009_1	↓	0855	↓	↓	X	X								↓
-20	PDI009_3	↓	0854	↓	↓	X	X								↓
-21	PDI010_1	↓	0956	↓	↓	X	X								↓
-22	PDI010_3	↓	0957	↓	↓	X	X								↓
-23	DuPaz	↓		↓	↓	X	X								↓
-24	Equip blank 002	↓	0715	W	↓				X	X	X				5

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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	A	A	A	2A	2A	A		
Preservative	A	A	A	A	A	C		

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	02.15.23 15:05	[signature]	2/15/23 15:05
[signature]	2/15/23 17:40	[signature]	2/15/23 19:30
[signature]	2/15/23 2140	[signature]	2/15/23 2140
[signature]	2/15/23 2330	[signature]	2/15/23 2330

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Semivolatiles Data- Method 8270D

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308197-03	Date Collected	: 02/15/23 13:17
Client ID	: PDI012_5	Date Received	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/22/23 15:48
Sample Matrix	: SOIL	Date Extracted	: 02/19/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 08197-03	Analyst	: EK
Sample Amount	: 30.71 g	Instrument ID	: SV124
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	ND	140	18.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	180	20.	U	
118-74-1	Hexachlorobenzene	ND	110	20.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U	
91-58-7	2-Chloronaphthalene	ND	180	18.	U	
95-50-1	1,2-Dichlorobenzene	ND	180	32.	U	
541-73-1	1,3-Dichlorobenzene	ND	180	31.	U	
106-46-7	1,4-Dichlorobenzene	ND	180	31.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	180	47.	U	
121-14-2	2,4-Dinitrotoluene	ND	180	36.	U	
606-20-2	2,6-Dinitrotoluene	ND	180	30.	U	
206-44-0	Fluoranthene	ND	110	20.	U	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	19.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	180	27.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U	UJ
111-91-1	Bis(2-chloroethoxy)methane	ND	190	18.	U	
87-68-3	Hexachlorobutadiene	ND	180	26.	U	
77-47-4	Hexachlorocyclopentadiene	ND	510	160	U	UJ
67-72-1	Hexachloroethane	ND	140	29.	U	
78-59-1	Isophorone	ND	160	23.	U	
91-20-3	Naphthalene	ND	180	22.	U	
98-95-3	Nitrobenzene	ND	160	26.	U	

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308197-03	Date Collected	: 02/15/23 13:17
Client ID	: PDI012_5	Date Received	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/22/23 15:48
Sample Matrix	: SOIL	Date Extracted	: 02/19/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 08197-03	Analyst	: EK
Sample Amount	: 30.71 g	Instrument ID	: SV124
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
86-30-6	NDPA/DPA	ND	140	20.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	180	28.	U	UJ
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	62.	U	UJ
85-68-7	Butyl benzyl phthalate	ND	180	45.	U	UJ
84-74-2	Di-n-butylphthalate	ND	180	34.	U	
117-84-0	Di-n-octylphthalate	ND	180	60.	U	UJ
84-66-2	Diethyl phthalate	ND	180	16.	U	
131-11-3	Dimethyl phthalate	ND	180	37.	U	
56-55-3	Benzo(a)anthracene	ND	110	20.	U	
50-32-8	Benzo(a)pyrene	ND	140	43.	U	
205-99-2	Benzo(b)fluoranthene	ND	110	30.	U	
207-08-9	Benzo(k)fluoranthene	ND	110	28.	U	
218-01-9	Chrysene	ND	110	18.	U	
208-96-8	Acenaphthylene	ND	140	28.	U	
120-12-7	Anthracene	ND	110	35.	U	
191-24-2	Benzo(ghi)perylene	ND	140	21.	U	
86-73-7	Fluorene	ND	180	17.	U	
85-01-8	Phenanthrene	ND	110	22.	U	
53-70-3	Dibenzo(a,h)anthracene	ND	110	20.	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	25.	U	
129-00-0	Pyrene	ND	110	18.	U	
92-52-4	Biphenyl	ND	410	23.	U	

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308197-03	Date Collected	: 02/15/23 13:17
Client ID	: PDI012_5	Date Received	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/22/23 15:48
Sample Matrix	: SOIL	Date Extracted	: 02/19/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 08197-03	Analyst	: EK
Sample Amount	: 30.71 g	Instrument ID	: SV124
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-47-8	4-Chloroaniline	ND	180	32.	U	UJ
88-74-4	2-Nitroaniline	ND	180	34.	U	
99-09-2	3-Nitroaniline	ND	180	34.	U	
100-01-6	4-Nitroaniline	ND	180	74.	U	
132-64-9	Dibenzofuran	ND	180	17.	U	
91-57-6	2-Methylnaphthalene	ND	210	22.	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	18.	U	
98-86-2	Acetophenone	ND	180	22.	U	UJ
88-06-2	2,4,6-Trichlorophenol	ND	110	34.	U	
59-50-7	p-Chloro-m-cresol	ND	180	26.	U	
95-57-8	2-Chlorophenol	ND	180	21.	U	
120-83-2	2,4-Dichlorophenol	ND	160	29.	U	
105-67-9	2,4-Dimethylphenol	ND	180	59.	U	
88-75-5	2-Nitrophenol	ND	380	67.	U	
100-02-7	4-Nitrophenol	ND	250	73.	U	
51-28-5	2,4-Dinitrophenol	ND	860	83.	U	UJ
534-52-1	4,6-Dinitro-o-cresol	ND	460	86.	U	
87-86-5	Pentachlorophenol	ND	140	39.	U	UJ
108-95-2	Phenol	ND	180	27.	U	
95-48-7	2-Methylphenol	ND	180	28.	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	260	28.	U	
95-95-4	2,4,5-Trichlorophenol	ND	180	34.	U	

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308197-03	Date Collected	: 02/15/23 13:17
Client ID	: PDI012_5	Date Received	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/22/23 15:48
Sample Matrix	: SOIL	Date Extracted	: 02/19/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 08197-03	Analyst	: EK
Sample Amount	: 30.71 g	Instrument ID	: SV124
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
65-85-0	Benzoic Acid	ND	580	180	U	UJ
100-51-6	Benzyl Alcohol	ND	180	54.	U	
86-74-8	Carbazole	ND	180	17.	U	
123-91-1	1,4-Dioxane	ND	27	8.2	U	

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308197-07D	Date Collected	: 02/15/23 00:00
Client ID	: DUP003	Date Received	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/22/23 17:31
Sample Matrix	: SOIL	Date Extracted	: 02/19/23
Analytical Method	: 1,8270E	Dilution Factor	: 2
Lab File ID	: 197-07D1	Analyst	: EK
Sample Amount	: 30.47 g	Instrument ID	: SV124
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	70	290	37.	J
120-82-1	1,2,4-Trichlorobenzene	ND	360	41.	U
118-74-1	Hexachlorobenzene	ND	210	40.	U
111-44-4	Bis(2-chloroethyl)ether	ND	320	48.	U
91-58-7	2-Chloronaphthalene	ND	360	36.	U
95-50-1	1,2-Dichlorobenzene	ND	360	64.	U
541-73-1	1,3-Dichlorobenzene	ND	360	62.	U
106-46-7	1,4-Dichlorobenzene	ND	360	62.	U
91-94-1	3,3'-Dichlorobenzidine	ND	360	95.	U
121-14-2	2,4-Dinitrotoluene	ND	360	72.	U
606-20-2	2,6-Dinitrotoluene	ND	360	61.	U
206-44-0	Fluoranthene	1600	210	41.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	360	38.	U
101-55-3	4-Bromophenyl phenyl ether	ND	360	55.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	430	61.	U UJ
111-91-1	Bis(2-chloroethoxy)methane	ND	390	36.	U
87-68-3	Hexachlorobutadiene	ND	360	52.	U
77-47-4	Hexachlorocyclopentadiene	ND	1000	320	U UJ
67-72-1	Hexachloroethane	ND	290	58.	U
78-59-1	Isophorone	ND	320	46.	U
91-20-3	Naphthalene	ND	360	44.	U
98-95-3	Nitrobenzene	ND	320	53.	U

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308197-07D	Date Collected	: 02/15/23 00:00
Client ID	: DUP003	Date Received	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/22/23 17:31
Sample Matrix	: SOIL	Date Extracted	: 02/19/23
Analytical Method	: 1,8270E	Dilution Factor	: 2
Lab File ID	: 197-07D1	Analyst	: EK
Sample Amount	: 30.47 g	Instrument ID	: SV124
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
86-30-6	NDPA/DPA	ND	290	41.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	360	55.	U	UJ
117-81-7	Bis(2-ethylhexyl)phthalate	ND	360	120	U	UJ
85-68-7	Butyl benzyl phthalate	ND	360	90.	U	UJ
84-74-2	Di-n-butylphthalate	ND	360	68.	U	
117-84-0	Di-n-octylphthalate	ND	360	120	U	UJ
84-66-2	Diethyl phthalate	ND	360	33.	U	
131-11-3	Dimethyl phthalate	ND	360	75.	U	
56-55-3	Benzo(a)anthracene	960	210	40.		
50-32-8	Benzo(a)pyrene	910	290	87.		
205-99-2	Benzo(b)fluoranthene	1000	210	60.		
207-08-9	Benzo(k)fluoranthene	430	210	57.		
218-01-9	Chrysene	880	210	37.		
208-96-8	Acenaphthylene	200	290	55.	J	
120-12-7	Anthracene	260	210	70.		
191-24-2	Benzo(ghi)perylene	570	290	42.		
86-73-7	Fluorene	66	360	35.	J	
85-01-8	Phenanthrene	560	210	44.		
53-70-3	Dibenzo(a,h)anthracene	120	210	41.	J	
193-39-5	Indeno(1,2,3-cd)pyrene	480	290	50.		
129-00-0	Pyrene	1400	210	36.		
92-52-4	Biphenyl	ND	820	46.	U	

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308197-07D	Date Collected	: 02/15/23 00:00
Client ID	: DUP003	Date Received	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/22/23 17:31
Sample Matrix	: SOIL	Date Extracted	: 02/19/23
Analytical Method	: 1,8270E	Dilution Factor	: 2
Lab File ID	: 197-07D1	Analyst	: EK
Sample Amount	: 30.47 g	Instrument ID	: SV124
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-47-8	4-Chloroaniline	ND	360	65.	U	UJ
88-74-4	2-Nitroaniline	ND	360	69.	U	
99-09-2	3-Nitroaniline	ND	360	67.	U	
100-01-6	4-Nitroaniline	ND	360	150	U	
132-64-9	Dibenzofuran	37	360	34.	J	
91-57-6	2-Methylnaphthalene	ND	430	43.	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	360	37.	U	
98-86-2	Acetophenone	ND	360	44.	U	UJ
88-06-2	2,4,6-Trichlorophenol	ND	210	68.	U	
59-50-7	p-Chloro-m-cresol	ND	360	53.	U	
95-57-8	2-Chlorophenol	ND	360	42.	U	
120-83-2	2,4-Dichlorophenol	ND	320	58.	U	
105-67-9	2,4-Dimethylphenol	ND	360	120	U	
88-75-5	2-Nitrophenol	ND	770	130	U	
100-02-7	4-Nitrophenol	ND	500	150	U	
51-28-5	2,4-Dinitrophenol	ND	1700	170	U	UJ
534-52-1	4,6-Dinitro-o-cresol	ND	930	170	U	
87-86-5	Pentachlorophenol	ND	290	79.	U	UJ
108-95-2	Phenol	ND	360	54.	U	
95-48-7	2-Methylphenol	ND	360	55.	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	520	56.	U	
95-95-4	2,4,5-Trichlorophenol	ND	360	68.	U	

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2308197
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2308197-07D	**Date Collected**	: 02/15/23 00:00
Client ID	: DUP003	**Date Received**	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/22/23 17:31
Sample Matrix	: SOIL	**Date Extracted**	: 02/19/23
Analytical Method	: 1,8270E	**Dilution Factor**	: 2
Lab File ID	: 197-07D1	**Analyst**	: EK
Sample Amount	: 30.47 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 92
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	1200	360	U
100-51-6	Benzyl Alcohol	ND	360	110	U
86-74-8	Carbazole	93	360	35.	J
123-91-1	1,4-Dioxane	ND	54	16.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308197-08D	Date Collected	: 02/15/23 11:04
Client ID	: PDI020_1	Date Received	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/22/23 17:48
Sample Matrix	: SOIL	Date Extracted	: 02/19/23
Analytical Method	: 1,8270E	Dilution Factor	: 2
Lab File ID	: 197-08D1	Analyst	: IM
Sample Amount	: 30.47 g	Instrument ID	: SV124
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	96	290	38.	J	
120-82-1	1,2,4-Trichlorobenzene	ND	360	42.	U	
118-74-1	Hexachlorobenzene	ND	220	41.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	330	50.	U	
91-58-7	2-Chloronaphthalene	ND	360	36.	U	
95-50-1	1,2-Dichlorobenzene	ND	360	66.	U	
541-73-1	1,3-Dichlorobenzene	ND	360	63.	U	
106-46-7	1,4-Dichlorobenzene	ND	360	64.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	360	97.	U	
121-14-2	2,4-Dinitrotoluene	ND	360	73.	U	
606-20-2	2,6-Dinitrotoluene	ND	360	63.	U	
206-44-0	Fluoranthene	1100	220	42.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	360	39.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	360	56.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	440	62.	U	UJ
111-91-1	Bis(2-chloroethoxy)methane	ND	390	36.	U	
87-68-3	Hexachlorobutadiene	ND	360	53.	U	
77-47-4	Hexachlorocyclopentadiene	ND	1000	330	U	UJ
67-72-1	Hexachloroethane	ND	290	59.	U	
78-59-1	Isophorone	ND	330	47.	U	
91-20-3	Naphthalene	64	360	44.	J	
98-95-3	Nitrobenzene	ND	330	54.	U	

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308197-08D	Date Collected	: 02/15/23 11:04
Client ID	: PDI020_1	Date Received	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/22/23 17:48
Sample Matrix	: SOIL	Date Extracted	: 02/19/23
Analytical Method	: 1,8270E	Dilution Factor	: 2
Lab File ID	: 197-08D1	Analyst	: IM
Sample Amount	: 30.47 g	Instrument ID	: SV124
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
86-30-6	NDPA/DPA	ND	290	42.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	360	56.	U	UJ
117-81-7	Bis(2-ethylhexyl)phthalate	ND	360	130	U	UJ
85-68-7	Butyl benzyl phthalate	ND	360	92.	U	UJ
84-74-2	Di-n-butylphthalate	ND	360	69.	U	
117-84-0	Di-n-octylphthalate	ND	360	120	U	UJ
84-66-2	Diethyl phthalate	ND	360	34.	U	
131-11-3	Dimethyl phthalate	ND	360	77.	U	
56-55-3	Benzo(a)anthracene	510	220	41.		
50-32-8	Benzo(a)pyrene	550	290	89.		
205-99-2	Benzo(b)fluoranthene	580	220	61.		
207-08-9	Benzo(k)fluoranthene	290	220	58.		
218-01-9	Chrysene	520	220	38.		
208-96-8	Acenaphthylene	90	290	56.	J	
120-12-7	Anthracene	230	220	71.		
191-24-2	Benzo(ghi)perylene	410	290	43.		
86-73-7	Fluorene	82	360	35.	J	
85-01-8	Phenanthrene	790	220	44.		
53-70-3	Dibenzo(a,h)anthracene	94	220	42.	J	
193-39-5	Indeno(1,2,3-cd)pyrene	290	290	51.		
129-00-0	Pyrene	900	220	36.		
92-52-4	Biphenyl	ND	830	47.	U	

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308197-08D	Date Collected	: 02/15/23 11:04
Client ID	: PDI020_1	Date Received	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/22/23 17:48
Sample Matrix	: SOIL	Date Extracted	: 02/19/23
Analytical Method	: 1,8270E	Dilution Factor	: 2
Lab File ID	: 197-08D1	Analyst	: IM
Sample Amount	: 30.47 g	Instrument ID	: SV124
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-47-8	4-Chloroaniline	ND	360	66.	U	UJ
88-74-4	2-Nitroaniline	ND	360	70.	U	
99-09-2	3-Nitroaniline	ND	360	69.	U	
100-01-6	4-Nitroaniline	ND	360	150	U	
132-64-9	Dibenzofuran	49	360	34.	J	
91-57-6	2-Methylnaphthalene	210	440	44.	J	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	360	38.	U	
98-86-2	Acetophenone	ND	360	45.	U	UJ
88-06-2	2,4,6-Trichlorophenol	ND	220	69.	U	
59-50-7	p-Chloro-m-cresol	ND	360	54.	U	
95-57-8	2-Chlorophenol	ND	360	43.	U	
120-83-2	2,4-Dichlorophenol	ND	330	59.	U	
105-67-9	2,4-Dimethylphenol	ND	360	120	U	
88-75-5	2-Nitrophenol	ND	790	140	U	
100-02-7	4-Nitrophenol	ND	510	150	U	
51-28-5	2,4-Dinitrophenol	ND	1800	170	U	UJ
534-52-1	4,6-Dinitro-o-cresol	ND	950	180	U	
87-86-5	Pentachlorophenol	ND	290	80.	U	UJ
108-95-2	Phenol	ND	360	55.	U	
95-48-7	2-Methylphenol	ND	360	56.	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	520	57.	U	
95-95-4	2,4,5-Trichlorophenol	ND	360	70.	U	

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2308197
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2308197-08D	**Date Collected**	: 02/15/23 11:04
Client ID	: PDI020_1	**Date Received**	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/22/23 17:48
Sample Matrix	: SOIL	**Date Extracted**	: 02/19/23
Analytical Method	: 1,8270E	**Dilution Factor**	: 2
Lab File ID	: 197-08D1	**Analyst**	: IM
Sample Amount	: 30.47 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 90
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	1200	370	U
100-51-6	Benzyl Alcohol	ND	360	110	U
86-74-8	Carbazole	88	360	35.	J
123-91-1	1,4-Dioxane	ND	55	17.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308197-24	Date Collected	: 02/15/23 07:15
Client ID	: EQUIP BLANK 002	Date Received	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/20/23 17:41
Sample Matrix	: WATER	Date Extracted	: 02/18/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 08197-24	Analyst	: WR
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U UJ
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U UJ
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U UJ
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308197-24	Date Collected	: 02/15/23 07:15
Client ID	: EQUIP BLANK 002	Date Received	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/20/23 17:41
Sample Matrix	: WATER	Date Extracted	: 02/18/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 08197-24	Analyst	: WR
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U UJ
99-09-2	3-Nitroaniline	ND	5.0	0.81	U UJ
100-01-6	4-Nitroaniline	ND	5.0	0.80	U UJ
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U UJ
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U UJ
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U UJ
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308197-24	Date Collected	: 02/15/23 07:15
Client ID	: EQUIP BLANK 002	Date Received	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/20/23 17:41
Sample Matrix	: WATER	Date Extracted	: 02/18/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 08197-24	Analyst	: WR
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
65-85-0	Benzoic Acid	5.3	50	2.6	J J
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U
86-74-8	Carbazole	ND	2.0	0.49	U

MKP 3/25/2023

Semivolatiles Data
by Method 8270D-SIM

No data validation qualifiers were added

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308197-24	Date Collected	: 02/15/23 07:15
Client ID	: EQUIP BLANK 002	Date Received	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/19/23 16:51
Sample Matrix	: WATER	Date Extracted	: 02/18/23
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 08197-24	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV128
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.13	0.10	0.02	
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	0.03	0.10	0.02	J
50-32-8	Benzo(a)pyrene	0.02	0.10	0.02	J
205-99-2	Benzo(b)fluoranthene	0.08	0.10	0.01	J
207-08-9	Benzo(k)fluoranthene	0.02	0.10	0.01	J
218-01-9	Chrysene	0.08	0.10	0.01	J
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	0.03	0.10	0.01	J
86-73-7	Fluorene	0.02	0.10	0.01	J
85-01-8	Phenanthrene	0.16	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.03	0.10	0.01	J
129-00-0	Pyrene	0.10	0.10	0.02	J
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

MKP 3/25/2023

GC Extractable Analysis Polychlorinated Biphenyls (PCB)

No data validation qualifiers were added

MKP 3/25/2023

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: P. W. Grosser	**Lab Number**	: L2308197
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2308197-24	**Date Collected**	: 02/15/23 07:15
Client ID	: EQUIP BLANK 002	**Date Received**	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/20/23 16:49
Sample Matrix	: WATER	**Date Extracted**	: 02/19/23
Analytical Method	: 1,8082A	**Dilution Factor**	: 1
Lab File ID	: P2230220a-15	**Analyst**	: AD
Sample Amount	: 140 ml	**Instrument ID**	: PEST2
Extraction Method	: EPA 3510C	**GC Column**	: CLP-Pesticide
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U

Inorganic Data
(ICP Analysis)

Form 1
METALS

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308197-03	Date Collected	: 02/15/23 13:17
Client ID	: PDI012_5	Date Received	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/21/23 20:36
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AMW
Lab File ID	: WG1746746.pdf	Instrument ID	: TRACE4
Sample Amount	: 1.262g	%Solids	: 91
Digestion Method	: EPA 3050B	Date Digested	: 02/21/23

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	6930	8.67	2.34	
7440-36-0	Antimony, Total	ND	4.33	0.329	U
7440-38-2	Arsenic, Total	5.34	0.867	0.180	
7440-39-3	Barium, Total	20.3	0.867	0.151	
7440-41-7	Beryllium, Total	0.420	0.433	0.029	J
7440-43-9	Cadmium, Total	ND	0.867	0.085	U
7440-70-2	Calcium, Total	700	8.67	3.03	
7440-47-3	Chromium, Total	10.6	0.867	0.083	
7440-48-4	Cobalt, Total	4.76	1.73	0.144	
7440-50-8	Copper, Total	7.98	0.867	0.224	
7439-89-6	Iron, Total	14500	4.33	0.783	J+
7439-92-1	Lead, Total	13.2	4.33	0.232	
7439-95-4	Magnesium, Total	1850	8.67	1.34	J+
7439-96-5	Manganese, Total	179	0.867	0.138	
7440-02-0	Nickel, Total	8.38	2.17	0.210	
7440-09-7	Potassium, Total	358	217	12.5	
7782-49-2	Selenium, Total	ND	1.73	0.224	U
7440-22-4	Silver, Total	ND	0.433	0.245	U
7440-23-5	Sodium, Total	122	173	2.73	J
7440-28-0	Thallium, Total	ND	1.73	0.273	U
7440-62-2	Vanadium, Total	17.4	0.867	0.176	
7440-66-6	Zinc, Total	27.1	4.33	0.254	

MKP 3/25/2023

Form 1
METALS

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308197-07	Date Collected	: 02/15/23 00:00
Client ID	: DUP003	Date Received	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/21/23 22:11
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AMW
Lab File ID	: WG1746746.pdf	Instrument ID	: TRACE4
Sample Amount	: 1.259g	%Solids	: 92
Digestion Method	: EPA 3050B	Date Digested	: 02/21/23

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	5840	8.66	2.34	
7440-36-0	Antimony, Total	ND	4.33	0.329	U
7440-38-2	Arsenic, Total	5.91	0.866	0.180	
7440-39-3	Barium, Total	37.0	0.866	0.151	
7440-41-7	Beryllium, Total	0.381	0.433	0.029	J
7440-43-9	Cadmium, Total	0.181	0.866	0.085	J
7440-70-2	Calcium, Total	37700	8.66	3.03	J
7440-47-3	Chromium, Total	19.5	0.866	0.083	
7440-48-4	Cobalt, Total	5.01	1.73	0.144	
7440-50-8	Copper, Total	19.7	0.866	0.223	
7439-89-6	Iron, Total	13100	4.33	0.782	
7439-92-1	Lead, Total	25.8	4.33	0.232	
7439-95-4	Magnesium, Total	6160	8.66	1.33	J
7439-96-5	Manganese, Total	213	0.866	0.138	
7440-02-0	Nickel, Total	9.26	2.16	0.210	
7440-09-7	Potassium, Total	988	216	12.5	
7782-49-2	Selenium, Total	ND	1.73	0.223	U
7440-22-4	Silver, Total	ND	0.433	0.245	U
7440-23-5	Sodium, Total	241	173	2.73	J
7440-28-0	Thallium, Total	ND	1.73	0.273	U
7440-62-2	Vanadium, Total	24.3	0.866	0.176	
7440-66-6	Zinc, Total	83.4	4.33	0.254	

MKP 3/25/2023

Form 1
METALS

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308197-08	Date Collected	: 02/15/23 11:04
Client ID	: PDI020_1	Date Received	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/21/23 22:16
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AMW
Lab File ID	: WG1746746.pdf	Instrument ID	: TRACE4
Sample Amount	: 1.257g	%Solids	: 90
Digestion Method	: EPA 3050B	Date Digested	: 02/21/23

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	6620	8.85	2.39		
7440-36-0	Antimony, Total	ND	4.42	0.336	U	
7440-38-2	Arsenic, Total	3.82	0.885	0.184		
7440-39-3	Barium, Total	25.9	0.885	0.154		
7440-41-7	Beryllium, Total	0.625	0.442	0.029		
7440-43-9	Cadmium, Total	0.188	0.885	0.087	J	
7440-70-2	Calcium, Total	4060	8.85	3.10		J
7440-47-3	Chromium, Total	13.4	0.885	0.085		
7440-48-4	Cobalt, Total	5.39	1.77	0.147		
7440-50-8	Copper, Total	13.5	0.885	0.228		
7439-89-6	Iron, Total	12600	4.42	0.799		
7439-92-1	Lead, Total	21.2	4.42	0.237		
7439-95-4	Magnesium, Total	3680	8.85	1.36		J
7439-96-5	Manganese, Total	265	0.885	0.141		
7440-02-0	Nickel, Total	13.0	2.21	0.214		
7440-09-7	Potassium, Total	1170	221	12.7		
7782-49-2	Selenium, Total	ND	1.77	0.228	U	
7440-22-4	Silver, Total	ND	0.442	0.250	U	
7440-23-5	Sodium, Total	115	177	2.79	J	J
7440-28-0	Thallium, Total	ND	1.77	0.279	U	
7440-62-2	Vanadium, Total	23.4	0.885	0.180		
7440-66-6	Zinc, Total	50.8	4.42	0.259		

MKP 3/25/2023

Inorganic Data
(ICPMS Analysis)

No data validation qualifiers were added

MKP 3/25/2023

Form 1
METALS

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308197-24	Date Collected	: 02/15/23 07:15
Client ID	: EQUIP BLANK 002	Date Received	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/17/23 11:25
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: NTB
Lab File ID	: WG1745550.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 02/17/23

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.0230	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.00047	0.00050	0.00017	J
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	0.133	0.100	0.0394	
7440-47-3	Chromium, Total	0.00220	0.00100	0.00017	
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	0.00089	0.00100	0.00038	J
7439-89-6	Iron, Total	0.330	0.0500	0.0191	
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	0.00319	0.00100	0.00044	
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	0.0417	0.100	0.0309	J
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	0.439	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U

MKP 3/25/2023

Inorganic Data
(Mercury Analysis)

No data validation qualifiers were added

MKP 3/25/2023

Form 1
METALS

Client	: P. W. Grosser	**Lab Number**	: L2308197
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2308197-24	**Date Collected**	: 02/15/23 07:15
Client ID	: EQUIP BLANK 002	**Date Received**	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/20/23 10:22
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: DMB
Lab File ID	: WG1746319.txt	**Instrument ID**	: NIC4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 02/17/23

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: P. W. Grosser	**Lab Number**	: L2308197
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2308197-03	**Date Collected**	: 02/15/23 13:17
Client ID	: PDI012_5	**Date Received**	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/21/23 18:46
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: DMB
Lab File ID	: WG1746757.txt	**Instrument ID**	: NIC4
Sample Amount	: 0.347g	**%Solids**	: 91
Digestion Method	: EPA 7471B	**Date Digested**	: 02/21/23

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	0.097	0.079	0.051	

Form 1
METALS

Client	: P. W. Grosser	**Lab Number**	: L2308197
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2308197-07	**Date Collected**	: 02/15/23 00:00
Client ID	: DUP003	**Date Received**	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/21/23 19:49
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: DMB
Lab File ID	: WG1746757.txt	**Instrument ID**	: NIC4
Sample Amount	: 0.342g	**%Solids**	: 92
Digestion Method	: EPA 7471B	**Date Digested**	: 02/21/23

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	0.075	0.080	0.052	J

Form 1
METALS

Client	: P. W. Grosser	**Lab Number**	: L2308197
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2308197-08	**Date Collected**	: 02/15/23 11:04
Client ID	: PDI020_1	**Date Received**	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/21/23 19:52
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: DMB
Lab File ID	: WG1746757.txt	**Instrument ID**	: NIC4
Sample Amount	: 0.359g	**%Solids**	: 90
Digestion Method	: EPA 7471B	**Date Digested**	: 02/21/23

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	0.092	0.078	0.051	

Total Solids / Percent Moisture Analysis

No data validation qualifiers were added

MKP 3/25/2023

Form 1
WETCHEM

Client	: P. W. Grosser	**Lab Number**	: L2308197
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2308197-03	**Date Collected**	: 02/15/23 13:17
Client ID	: PDI012_5	**Date Received**	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/17/23 08:35
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: ROI
Lab File ID	: WG1745513.pdf	**Instrument ID**	: BALANCE#53
Sample Amount	:	**%Solids**	: 91
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**91.4**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: P. W. Grosser	**Lab Number**	: L2308197
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2308197-07	**Date Collected**	: 02/15/23 00:00
Client ID	: DUP003	**Date Received**	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/17/23 08:35
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: ROI
Lab File ID	: WG1745513.pdf	**Instrument ID**	: BALANCE#53
Sample Amount	:	**%Solids**	: 92
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**91.7**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: P. W. Grosser	**Lab Number**	: L2308197
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2308197-08	**Date Collected**	: 02/15/23 11:04
Client ID	: PDI020_1	**Date Received**	: 02/15/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/17/23 08:35
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: ROI
Lab File ID	: WG1745513.pdf	**Instrument ID**	: BALANCE#53
Sample Amount	:	**%Solids**	: 90
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**89.9**	**0.100**	**NA**	

Appendix B

Laboratory QC Documentation

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2308197
Project Name	: TOT2202	**Project Number**	: TOT2202
Matrix	: WATER		
LCS Sample ID	: WG1745915-2	**Analysis Date** : 02/19/23 14:16	**File ID** : 745915-2
LCSD Sample ID	: WG1745915-3	**Analysis Date** : 02/19/23 14:38	**File ID** : 745915-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	18	9.9	54	18	9.7	53	2	37-111	30
1,2,4-Trichlorobenzene	18	11.	60	18	11.	62	3	39-98	30
Hexachlorobenzene	18	11.	61	18	11.	60	2	40-140	30
Bis(2-chloroethyl)ether	18	8.7	48	18	9.5	52	8	40-140	30
2-Chloronaphthalene	18	10.	58	18	11.	59	2	40-140	30
1,2-Dichlorobenzene	18	8.9	49	18	9.9	54	10	40-140	30
1,3-Dichlorobenzene	18	8.6	47	18	9.4	52	10	40-140	30
1,4-Dichlorobenzene	18	8.8	49	18	9.2	51	4	36-97	30
3,3'-Dichlorobenzidine	18	6.0	33 Q	18	7.2	39 Q	17	40-140	30
2,4-Dinitrotoluene	18	13.	71	18	12.	68	4	48-143	30
2,6-Dinitrotoluene	18	13.	71	18	14.	76	7	40-140	30
Fluoranthene	18	12.	67	18	12.	65	3	40-140	30
4-Chlorophenyl phenyl ether	18	12.	66	18	12.	64	3	40-140	30
4-Bromophenyl phenyl ether	18	12.	68	18	11.	63	8	40-140	30
Bis(2-chloroisopropyl)ether	18	10.	56	18	11.	59	5	40-140	30
Bis(2-chloroethoxy)methane	18	9.3	51	18	9.3	51	0	40-140	30
Hexachlorobutadiene	18	11.	58	18	11.	63	8	40-140	30
Hexachlorocyclopentadiene	18	11.	60	18	12.	65	8	40-140	30
Hexachloroethane	18	8.2	45	18	9.4	52	14	40-140	30
Isophorone	18	9.5	52	18	9.3	51	2	40-140	30
Naphthalene	18	9.2	51	18	9.9	55	8	40-140	30
Nitrobenzene	18	9.5	52	18	10.	57	9	40-140	30
NDPA/DPA	18	12.	63	18	11.	63	0	40-140	30
n-Nitrosodi-n-propylamine	18	9.4	52	18	9.2	51	2	29-132	30
Bis(2-ethylhexyl)phthalate	18	11.	61	18	10.	57	7	40-140	30
Butyl benzyl phthalate	18	12.	64	18	11.	61	5	40-140	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2308197
Project Name	: TOT2202	**Project Number**	: TOT2202
Matrix	: WATER		
LCS Sample ID	: WG1745915-2	**Analysis Date** : 02/19/23 14:16	**File ID** : 745915-2
LCSD Sample ID	: WG1745915-3	**Analysis Date** : 02/19/23 14:38	**File ID** : 745915-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
2,4,6-Trichlorophenol	18	15.	83	18	15.	80	4	30-130	30
p-Chloro-m-cresol	18	12.	64	18	11.	59	8	23-97	30
2-Chlorophenol	18	10.	55	18	11.	59	7	27-123	30
2,4-Dichlorophenol	18	13.	71	18	13.	72	1	30-130	30
2,4-Dimethylphenol	18	10.	56	18	5.6	31	57 Q	30-130	30
2-Nitrophenol	18	14.	78	18	15.	82	5	30-130	30
4-Nitrophenol	18	11.	61	18	9.8	54	12	10-80	30
2,4-Dinitrophenol	18	24.	132 Q	18	21.	115	14	20-130	30
4,6-Dinitro-o-cresol	18	23.	126	18	22.	123	2	20-164	30
Pentachlorophenol	18	17.	94	18	15.	85	10	9-103	30
Phenol	18	7.2	40	18	7.1	39	3	12-110	30
2-Methylphenol	18	9.6	53	18	9.6	52	2	30-130	30
3-Methylphenol/4-Methylphenol	18	10.	56	18	10.	56	0	30-130	30
2,4,5-Trichlorophenol	18	14.	75	18	14.	78	4	30-130	30
Benzoic Acid	18	14.	79	18	14.	79	0	10-164	30
Benzyl Alcohol	18	9.2	51	18	9.6	53	4	26-116	30
Carbazole	18	11.	62	18	11.	60	3	55-144	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2308197
Project Name	: TOT2202	**Project Number**	: TOT2202
Matrix	: SOIL		
LCS Sample ID	: WG1746104-2	**Analysis Date** : 02/22/23 10:55	**File ID** : 746104-2
LCSD Sample ID	: WG1746104-3	**Analysis Date** : 02/22/23 11:12	**File ID** : 746104-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	1300	1000	78	1300	970	75	4	31-137	50
1,2,4-Trichlorobenzene	1300	950	72	1300	920	70	3	38-107	50
Hexachlorobenzene	1300	960	73	1300	900	69	6	40-140	50
Bis(2-chloroethyl)ether	1300	1100	81	1300	1000	80	1	40-140	50
2-Chloronaphthalene	1300	1000	79	1300	1000	77	3	40-140	50
1,2-Dichlorobenzene	1300	900	68	1300	870	67	1	40-140	50
1,3-Dichlorobenzene	1300	890	67	1300	860	66	2	40-140	50
1,4-Dichlorobenzene	1300	860	65	1300	860	66	2	28-104	50
3,3'-Dichlorobenzidine	1300	700	53	1300	710	55	4	40-140	50
2,4-Dinitrotoluene	1300	1000	78	1300	980	75	4	40-132	50
2,6-Dinitrotoluene	1300	1000	78	1300	990	76	3	40-140	50
Fluoranthene	1300	1000	77	1300	1000	79	3	40-140	50
4-Chlorophenyl phenyl ether	1300	1000	76	1300	930	72	5	40-140	50
4-Bromophenyl phenyl ether	1300	950	71	1300	900	69	3	40-140	50
Bis(2-chloroisopropyl)ether	1300	1200	91	1300	1100	87	4	40-140	50
Bis(2-chloroethoxy)methane	1300	1200	87	1300	1100	86	1	40-117	50
Hexachlorobutadiene	1300	970	73	1300	890	69	6	40-140	50
Hexachlorocyclopentadiene	1300	270	20 Q	1300	260	20 Q	0	40-140	50
Hexachloroethane	1300	980	74	1300	970	75	1	40-140	50
Isophorone	1300	1200	88	1300	1100	85	3	40-140	50
Naphthalene	1300	960	72	1300	910	70	3	40-140	50
Nitrobenzene	1300	1100	86	1300	1100	82	5	40-140	50
NDPA/DPA	1300	1000	76	1300	990	76	0	36-157	50
n-Nitrosodi-n-propylamine	1300	1200	92	1300	1200	90	2	32-121	50
Bis(2-ethylhexyl)phthalate	1300	1300	96	1300	1200	96	0	40-140	50
Butyl benzyl phthalate	1300	1000	78	1300	1100	83	6	40-140	50

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2308197
Project Name	: TOT2202	**Project Number**	: TOT2202
Matrix	: SOIL		
LCS Sample ID	: WG1746104-2	**Analysis Date** : 02/22/23 10:55	**File ID** : 746104-2
LCSD Sample ID	: WG1746104-3	**Analysis Date** : 02/22/23 11:12	**File ID** : 746104-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Di-n-butylphthalate	1300	1200	90	1300	1200	89	1	40-140	50
Di-n-octylphthalate	1300	1200	94	1300	1200	97	3	40-140	50
Diethyl phthalate	1300	1100	81	1300	1000	80	1	40-140	50
Dimethyl phthalate	1300	1100	80	1300	1000	78	3	40-140	50
Benzo(a)anthracene	1300	1000	78	1300	1000	78	0	40-140	50
Benzo(a)pyrene	1300	1000	75	1300	1100	83	10	40-140	50
Benzo(b)fluoranthene	1300	920	69	1300	1100	82	17	40-140	50
Benzo(k)fluoranthene	1300	1000	76	1300	980	75	1	40-140	50
Chrysene	1300	1000	77	1300	1000	78	1	40-140	50
Acenaphthylene	1300	1100	86	1300	1100	84	2	40-140	50
Anthracene	1300	1100	85	1300	1100	84	1	40-140	50
Benzo(ghi)perylene	1300	1000	78	1300	1000	77	1	40-140	50
Fluorene	1300	1000	77	1300	980	75	3	40-140	50
Phenanthrene	1300	1100	81	1300	1000	81	0	40-140	50
Dibenzo(a,h)anthracene	1300	1000	77	1300	1000	78	1	40-140	50
Indeno(1,2,3-cd)pyrene	1300	1100	86	1300	1100	85	1	40-140	50
Pyrene	1300	1000	77	1300	1000	78	1	35-142	50
Biphenyl	1300	1000	77	1300	960	74	4	37-127	50
4-Chloroaniline	1300	550	42	1300	490	38 Q	10	40-140	50
2-Nitroaniline	1300	1000	77	1300	960	74	4	47-134	50
3-Nitroaniline	1300	660	50	1300	660	50	0	26-129	50
4-Nitroaniline	1300	880	66	1300	900	70	6	41-125	50
Dibenzofuran	1300	1000	77	1300	970	75	3	40-140	50
2-Methylnaphthalene	1300	1000	75	1300	930	72	4	40-140	50
1,2,4,5-Tetrachlorobenzene	1300	1000	80	1300	1000	78	3	40-117	50
Acetophenone	1300	1200	90	1300	1100	88	2	14-144	50

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Client Sample ID	: PDI012_5	Matrix	: SOIL
Lab Sample ID	: L2308197-03	Analysis Date	: 02/22/23 15:48
Matrix Spike	: WG1746104-4	MS Analysis Date	: 02/22/23 16:05
Matrix Spike Dup	: WG1746104-5	MSD Analysis Date	: 02/22/23 16:23

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/kg)	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	ND	1450	1100	76	1440	1100	76	0	31-137	50
1,2,4-Trichlorobenzene	ND	1450	1000	69	1440	940	65	6	38-107	50
Hexachlorobenzene	ND	1450	1100	76	1440	980	68	12	40-140	50
Bis(2-chloroethyl)ether	ND	1450	1200	83	1440	1100	76	9	40-140	50
2-Chloronaphthalene	ND	1450	1200	83	1440	980	68	20	40-140	50
1,2-Dichlorobenzene	ND	1450	1000	69	1440	940	65	6	40-140	50
1,3-Dichlorobenzene	ND	1450	1000	69	1440	950	66	5	40-140	50
1,4-Dichlorobenzene	ND	1450	1000	69	1440	910	63	9	28-104	50
3,3'-Dichlorobenzidine	ND	1450	1000	69	1440	980	68	2	40-140	50
2,4-Dinitrotoluene	ND	1450	1100	76	1440	1000	69	10	40-132	50
2,6-Dinitrotoluene	ND	1450	1000	69	1440	920	64	8	40-140	50
Fluoranthene	ND	1450	1200	83	1440	1200	83	0	40-140	50
4-Chlorophenyl phenyl ether	ND	1450	1100	76	1440	1000	69	10	40-140	50
4-Bromophenyl phenyl ether	ND	1450	1100	76	1440	1000	69	10	40-140	50
Bis(2-chloroisopropyl)ether	ND	1450	1300	90	1440	1200	83	8	40-140	50
Bis(2-chloroethoxy)methane	ND	1450	1200	83	1440	1100	76	9	40-117	50
Hexachlorobutadiene	ND	1450	1100	76	1440	970	67	13	40-140	50
Hexachlorocyclopentadiene	ND	1450	ND	0 Q	1440	ND	0 Q	NC	40-140	50
Hexachloroethane	ND	1450	1000	69	1440	990	69	1	40-140	50
Isophorone	ND	1450	1300	90	1440	1200	83	8	40-140	50
Naphthalene	ND	1450	1100	76	1440	970	67	13	40-140	50
Nitrobenzene	ND	1450	1200	83	1440	1100	76	9	40-140	50

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Client Sample ID	: PDI012_5	Matrix	: SOIL
Lab Sample ID	: L2308197-03	Analysis Date	: 02/22/23 15:48
Matrix Spike	: WG1746104-4	MS Analysis Date	: 02/22/23 16:05
Matrix Spike Dup	: WG1746104-5	MSD Analysis Date	: 02/22/23 16:23

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/kg)	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
4-Chloroaniline	ND	1450	660	46	1440	520	36 Q	24	40-140	50
2-Nitroaniline	ND	1450	1200	83	1440	990	69	19	47-134	50
3-Nitroaniline	ND	1450	1100	76	1440	1000	69	10	26-129	50
4-Nitroaniline	ND	1450	1200	83	1440	1100	76	9	41-125	50
Dibenzofuran	ND	1450	1100	76	1440	1100	76	0	40-140	50
2-Methylnaphthalene	ND	1450	1100	76	1440	960	67	14	40-140	50
1,2,4,5-Tetrachlorobenzene	ND	1450	1200	83	1440	1000	69	18	40-117	50
Acetophenone	ND	1450	1300	90	1440	1200	83	8	14-144	50
2,4,6-Trichlorophenol	ND	1450	1200	83	1440	1000	69	18	30-130	50
p-Chloro-m-cresol	ND	1450	1300	90	1440	1100	76	17	26-103	50
2-Chlorophenol	ND	1450	1000	69	1440	960	67	4	25-102	50
2,4-Dichlorophenol	ND	1450	1100	76	1440	1000	69	10	30-130	50
2,4-Dimethylphenol	ND	1450	980	68	1440	910	63	7	30-130	50
2-Nitrophenol	ND	1450	1100	76	1440	960	67	14	30-130	50
4-Nitrophenol	ND	1450	1200	83	1440	1200	83	0	11-114	50
2,4-Dinitrophenol	ND	1450	ND	0 Q	1440	ND	0 Q	NC	4-130	50
4,6-Dinitro-o-cresol	ND	1450	260J	18	1440	230J	16	12	10-130	50
Pentachlorophenol	ND	1450	760	53	1440	690	48	10	17-109	50
Phenol	ND	1450	1100	76	1440	1000	69	10	26-90	50
2-Methylphenol	ND	1450	1100	76	1440	940	65	16	30-130.	50
3-Methylphenol/4-Methylphenol	ND	1450	1100	76	1440	990	69	11	30-130	50
2,4,5-Trichlorophenol	ND	1450	1100	76	1440	900	62	20	30-130	50

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Client Sample ID	: PDI012_5	Matrix	: SOIL
Lab Sample ID	: L2308197-03	Analysis Date	: 02/22/23 15:48
Matrix Spike	: WG1746104-4	MS Analysis Date	: 02/22/23 16:05
Matrix Spike Dup	: WG1746104-5	MSD Analysis Date	: 02/22/23 16:23

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/kg)	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Benzoic Acid	ND	1450	ND	0 Q	1440	ND	0 Q	NC	10-110	50
Benzyl Alcohol	ND	1450	1200	83	1440	1100	76	9	40-140	50
Carbazole	ND	1450	1200	83	1440	1200	83	0	54-128	50
1,4-Dioxane	ND	1450	800	55	1440	750	52	6	40-140	50

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Instrument ID	: SV106	Calibration Date	: 02/20/23 13:00
Lab File ID	: ABN0220	Init. Calib. Date(s)	: 03/27/22 03/28/22
Sample No	: WG1746553-3	Init. Calib. Times	: 22:58 11:39
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)	
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	105	0	
n-Nitrosodimethylamine	0.412	0.421	-	-2.2	20	106	0	
Pyridine	0.66	0.736	-	-11.5	20	113	0	
2-Fluorophenol	0.678	0.716	-	-5.6	20	113	0	
Aniline	1.079	1.065	-	1.3	20	104	0	
2-Chlorophenol	0.779	0.829	-	-6.4	20	112	0	
Phenol-d6	0.829	0.873	-	-5.3	20	110	0	
Phenol	0.877	0.885	-	-0.9	20	106	0	
Bis(2-chloroethyl)ether	0.672	0.671	-	0.1	20	104	0	
1,3-Dichlorobenzene	0.885	0.9	-	-1.7	20	105	0	
1,4-Dichlorobenzene	0.922	0.963	-	-4.4	20	112	0	
1,2-Dichlorobenzene	0.874	0.895	-	-2.4	20	108	0	
Benzyl alcohol	0.574	0.567	-	1.2	20	105	0	
Bis(2-chloroisopropyl)ethe	0.717	0.687	-	4.2	20	100	0	
2-Methylphenol	0.683	0.692	-	-1.3	20	105	0	
Hexachloroethane	0.347	0.325	-	6.3	20	102	0	
n-Nitrosodi-n-propylamine	0.517	0.475	-	8.1	20	97	0	
3-Methylphenol/4-Methylphe	0.713	0.747	-	-4.8	20	109	0	
Nitrobenzene-d5	0.685	0.743	-	-8.5	20	114	0	
Nitrobenzene	0.678	0.717	-	-5.8	20	112	0	
Isophorone	1.409	1.326	-	5.9	20	98	0	
2-Nitrophenol	0.32	0.435	-	-35.9*	20	140	0	
2,4-Dimethylphenol	0.768	0.75	-	2.3	20	102	0	
Bis(2-chloroethoxy)methane	0.823	0.837	-	-1.7	20	105	0	
2,4-Dichlorophenol	0.651	0.705	-	-8.3	20	115	0	
1,2,4-Trichlorobenzene	0.749	0.732	-	2.3	20	107	0	
IS1_Naphthalene-d8	1	1	-	0	20	105	0	
Naphthalene	1.029	1.047	-	-1.7	20	107	0	
Benzoic Acid	5	6.053	-	-21.1*	20	139	0	
4-Chloroaniline	0.117	0.107	-	8.5	20	99	0	
Hexachlorobutadiene	0.197	0.179	-	9.1	20	98	0	
p-Chloro-m-cresol	0.278	0.282	-	-1.4	20	105	0	
2-Methylnaphthalene	0.671	0.669	-	0.3	20	107	0	
1-Methylnaphthalene	0.227	0.21	-	7.5	20	98	0	
Hexachlorocyclopentadiene	0.214	0.245	-	-14.5	20	118	0	
2,4,6-Trichlorophenol	0.214	0.221	-	-3.3	20	109	0	
2,4,5-Trichlorophenol	0.224	0.24	-	-7.1	20	113	0	
2-Fluorobiphenyl	0.765	0.785	-	-2.6	20	108	0	
2-Chloronaphthalene	0.661	0.688	-	-4.1	20	111	0	
2-Nitroaniline	0.162	0.227	-	-40.1*	20	148	0	
1,4-Dinitrobenzene	0.074	0.112	-	-51.4*	20	181	0	ND
1,3-Dinitrobenzene	0.088	0.124	-	-40.9*	20	166	0	ND
Dimethyl phthalate	0.717	0.781	-	-8.9	20	115	0	

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser		Lab Number	: L2308197	
Project Name	: TOT2202		Project Number	: TOT2202	
Instrument ID	: SV106		Calibration Date	: 02/20/23 13:00	
Lab File ID	: ABN0220		Init. Calib. Date(s)	: 03/27/22	03/28/22
Sample No	: WG1746553-3		Init. Calib. Times	: 22:58	11:39
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)	
Acenaphthylene	1.048	1.089	-	-3.9	20	111	0	
2,6-Dinitrotoluene	0.131	0.181	-	-38.2*	20	147	0	
1,2-Dinitrobenzene	0.057	0.083	-	-45.6*	20	155	0	ND
IS1_Acenaphthene-d10	1	1	-	0	20	110	0	
3-Nitroaniline	0.283	0.378	-	-33.6*	20	140	0	
Acenaphthene	1.166	1.187	-	-1.8	20	112	0	
2,4-Dinitrophenol	5	8.314	-	66.3*	20	199	0	
Dibenzofuran	1.795	1.809	-	-0.8	20	111	0	
2,4-Dinitrotoluene	0.307	0.42	-	-36.8*	20	149	0	
4-Nitrophenol	0.215	0.255	-	-18.6	20	135	0	
2,3,5,6-Tetrachlorophenol	0.349	0.367	-	-5.2	20	115	0	
2,3,4,6-Tetrachlorophenol	0.346	0.348	-	-0.6	20	109	0	
Diethyl phthalate	1.402	1.426	-	-1.7	20	113	0	
Fluorene	1.403	1.447	-	-3.1	20	113	0	
4-Chlorophenyl phenyl ethe	0.651	0.642	-	1.4	20	106	0	
4-Nitroaniline	0.272	0.397	-	-46*	20	166	0	
4,6-Dinitro-o-cresol	5	8.031	-	-60.6*	20	209	0	
NDPA/DPA	1.162	1.212	-	-4.3	20	114	0	
Azobenzene	1.209	1.191	-	1.5	20	107	0	
2,4,6-Tribromophenol	0.198	0.227	-	-14.6	20	126	0	
4-Bromophenyl phenyl ether	0.378	0.39	-	-3.2	20	112	0	
Hexachlorobenzene	0.447	0.462	-	-3.4	20	114	0	
Pentachlorophenol	0.261	0.281	-	-7.7	20	120	0	
IS1_Phenanthrene-d10	1	1	-	0	20	115	0	
Phenanthrene	1.104	1.079	-	2.3	20	116	0	
Anthracene	1.11	1.101	-	0.8	20	116	0	
Carbazole	1.036	1.045	-	-0.9	20	121	0	
Di-n-butylphthalate	1.255	1.281	-	-2.1	20	123	0	
Fluoranthene	1.219	1.237	-	-1.5	20	120	0	
Benzidine	0.86	0.892	-	-3.7	20	123	0	
Pyrene	1.257	1.315	-	-4.6	20	122	0	
4-Terphenyl-d14	0.925	0.966	-	-4.4	20	122	0	
Butyl benzyl phthalate	0.487	0.559	-	-14.8	20	139	0	
IS1_Chrysene-d12	1	1	-	0	20	116	0	
Benzo(a)anthracene	1.278	1.311	-	-2.6	20	120	0	
3,3'-Dichlorobenzidine	0.489	0.502	-	-2.7	20	119	0	
Chrysene	1.205	1.26	-	-4.6	20	123	0	
Bis(2-ethylhexyl)phthalate	0.789	0.928	-	-17.6	20	135	0	
Di-n-octylphthalate	1.397	1.557	-	-11.5	20	131	0	
Benzo(b)fluoranthene	1.245	1.463	-	-17.5	20	138	0	
Benzo(k)fluoranthene	1.234	1.184	-	4.1	20	107	0	
Benzo(a)pyrene	1.114	1.183	-	-6.2	20	122	0	
IS1_Perylene-d12	1	1	-	0	20	126	0	

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser		Lab Number	: L2308197	
Project Name	: TOT2202		Project Number	: TOT2202	
Instrument ID	: SV124		Calibration Date	: 02/22/23 09:46	
Lab File ID	: ABN0222		Init. Calib. Date(s)	: 12/17/22	12/17/22
Sample No	: WG1747366-3		Init. Calib. Times	: 10:48	19:40
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	128	0
n-Nitrosodimethylamine	0.755	0.838	-	-11	20	123	0
Pyridine	1.216	1.407	-	-15.7	20	124	0
2-Fluorophenol	1.13	1.178	-	-4.2	20	118	0
Aniline	1.973	2.102	-	-6.5	20	127	0
2-Chlorophenol	1.361	1.302	-	4.3	20	117	0
Phenol-d6	1.5	1.559	-	-3.9	20	119	0
Phenol	1.739	1.679	-	3.5	20	116	0
Bis(2-chloroethyl)ether	1.295	1.388	-	-7.2	20	134	0
1,3-Dichlorobenzene	1.551	1.451	-	6.4	20	121	0
1,4-Dichlorobenzene	1.608	1.478	-	8.1	20	121	0
1,2-Dichlorobenzene	1.559	1.462	-	6.2	20	105	0
Benzyl alcohol	50	53.228	-	-6.5	20	119	0
Bis(2-chloroisopropyl)ethe	3.026	3.645	-	-20.5*	20	137	0
2-Methylphenol	1.248	1.161	-	7	20	101	0
Hexachloroethane	0.628	0.668	-	-6.4	20	127	0
n-Nitrosodi-n-propylamine	1.019	1.243	-	-22*	20	131	0
3-Methylphenol/4-Methylphe	1.272	1.259	-	1	20	107	0
Nitrobenzene-d5	1.483	1.69	-	-14	20	135	0
Nitrobenzene	1.48	1.696	-	-14.6	20	135	0
Isophorone	2.675	3.125	-	-16.8	20	117	0
2-Nitrophenol	0.639	0.709	-	-11	20	116	0
2,4-Dimethylphenol	1.344	1.453	-	-8.1	20	112	0
Bis(2-chloroethoxy)methane	1.622	1.818	-	-12.1	20	106	0
2,4-Dichlorophenol	1.084	1.119	-	-3.2	20	94	0
1,2,4-Trichlorobenzene	1.279	1.246	-	2.6	20	97	0
IS1_Naphthalene-d8	1	1	-	0	20	94	0
Naphthalene	1.021	1.002	-	1.9	20	92	0
Benzoic Acid	50	49.53	-	0.9	20	84	0
4-Chloroaniline	0.137	0.166	-	-21.2*	20	106	0
Hexachlorobutadiene	0.194	0.191	-	1.5	20	100	0
p-Chloro-m-cresol	0.284	0.332	-	-16.9	20	100	0
2-Methylnaphthalene	0.651	0.663	-	-1.8	20	95	0
1-Methylnaphthalene	0.228	0.266	-	-16.7	20	111	0
Hexachlorocyclopentadiene	0.22	0.088	-	60*	20	40	0
2,4,6-Trichlorophenol	0.185	0.201	-	-8.6	20	96	0
2,4,5-Trichlorophenol	0.226	0.225	-	0.4	20	97	0
2-Fluorobiphenyl	0.709	0.754	-	-6.3	20	103	0
2-Chloronaphthalene	0.622	0.67	-	-7.7	20	100	0
2-Nitroaniline	0.199	0.211	-	-6	20	101	0
1,4-Dinitrobenzene	0.101	0.104	-	-3	20	94	0
1,3-Dinitrobenzene	0.109	0.114	-	-4.6	20	103	0
Dimethyl phthalate	0.76	0.84	-	-10.5	20	114	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser		Lab Number	: L2308197	
Project Name	: TOT2202		Project Number	: TOT2202	
Instrument ID	: SV124		Calibration Date	: 02/22/23 09:46	
Lab File ID	: ABN0222		Init. Calib. Date(s)	: 12/17/22	12/17/22
Sample No	: WG1747366-3		Init. Calib. Times	: 10:48	19:40
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)	
Acenaphthylene	0.972	1.082	-	-11.3	20	125	0	
2,6-Dinitrotoluene	0.169	0.175	-	-3.6	20	105	0	
1,2-Dinitrobenzene	0.072	0.072	-	0	20	106	0	
IS1_Acenaphthene-d10	1	1	-	0	20	110	0	
3-Nitroaniline	0.333	0.343	-	-3	20	100	0	
Acenaphthene	1.136	1.161	-	-2.2	20	108	0	
2,4-Dinitrophenol	50	38.443	-	23.1*	20	78	0	
Dibenzofuran	1.773	1.724	-	2.8	20	104	0	
2,4-Dinitrotoluene	0.43	0.466	-	-8.4	20	110	0	
4-Nitrophenol	0.282	0.312	-	-10.6	20	117	0	
2,3,5,6-Tetrachlorophenol	0.325	0.303	-	6.8	20	87	0	
2,3,4,6-Tetrachlorophenol	0.324	0.324	-	0	20	94	0	
Diethyl phthalate	1.535	1.655	-	-7.8	20	95	0	
Fluorene	1.434	1.425	-	0.6	20	91	0	
4-Chlorophenyl phenyl ethe	0.674	0.641	-	4.9	20	89	0	
4-Nitroaniline	0.327	0.343	-	-4.9	20	84	0	
4,6-Dinitro-o-cresol	50	41.577	-	16.8	20	76	0	
NDPA/DPA	1.167	1.171	-	-0.3	20	94	0	
Azobenzene	1.454	1.786	-	-22.8*	20	115	0	NT
2,4,6-Tribromophenol	0.214	0.212	-	0.9	20	88	0	
4-Bromophenyl phenyl ether	0.403	0.387	-	4	20	96	0	
Hexachlorobenzene	0.473	0.439	-	7.2	20	94	0	
Pentachlorophenol	50	31.753	-	36.5*	20	60	0	
IS1_Phenanthrene-d10	1	1	-	0	20	90	0	
Phenanthrene	1.035	1.068	-	-3.2	20	93	0	
Anthracene	1.025	1.125	-	-9.8	20	97	0	
Carbazole	0.946	1.017	-	-7.5	20	86	0	
Di-n-butylphthalate	1.311	1.565	-	-19.4	20	95	0	
Fluoranthene	1.169	1.286	-	-10	20	91	0	
Benzidine	0.689	0.856	-	-24.2*	20	98	0	NT
Pyrene	1.211	1.332	-	-10	20	89	0	
4-Terphenyl-d14	0.866	0.935	-	-8	20	86	0	
Butyl benzyl phthalate	0.615	0.75	-	-22*	20	96	0	
IS1_Chrysene-d12	1	1	-	0	20	90	0	
Benzo(a)anthracene	1.385	1.387	-	-0.1	20	90	0	
3,3'-Dichlorobenzidine	0.524	0.501	-	4.4	20	83	0	
Chrysene	1.281	1.295	-	-1.1	20	91	0	
Bis(2-ethylhexyl)phthalate	1.073	1.301	-	-21.2*	20	98	0	
Di-n-octylphthalate	1.837	2.269	-	-23.5*	20	100	0	
Benzo(b)fluoranthene	1.466	1.439	-	1.8	20	94	0	
Benzo(k)fluoranthene	1.298	1.273	-	1.9	20	83	0	
Benzo(a)pyrene	1.207	1.225	-	-1.5	20	92	0	
IS1_Perylene-d12	1	1	-	0	20	98	0	

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser		Lab Number	: L2308197	
Project Name	: TOT2202		Project Number	: TOT2202	
Instrument ID	: SV124		Calibration Date	: 02/22/23 10:03	
Lab File ID	: AP90222		Init. Calib. Date(s)	: 12/17/22	12/17/22
Sample No	: WG1747366-4		Init. Calib. Times	: 10:48	19:40
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)	
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	133	0	
Benzaldehyde	1.065	1.156	-	-8.5	20	159	0	
Acetophenone	1.757	2.212	-	-25.9*	20	141	0	
m-Toluidine	1.829	2.17	-	-18.6	20	138	0	
2-Chloroaniline	1.771	1.794	-	-1.3	20	126	0	
IS2_Naphthalene-d8	1	1	-	0	20	111	0	
a-Terpineol	0.363	0.528	-	-45.5*	20	162	0	NT
3-Chloroaniline	0.152	0.205	-	-34.9*	20	153	0	NT
2,6-Dichlorophenol	50	55.191	-	-10.4	20	128	0	
1-chloro-2-nitrobenzene	0.137	0.167	-	-21.9*	20	138	0	NT
Caprolactam	0.191	0.3	-	-57.1*	20	163	0	NT
1,2,4,5-Tetrachlorobenzene	0.297	0.325	-	-9.4	20	128	0	
Biphenyl	0.816	0.867	-	-6.3	20	126	0	
IS2_Acenaphthene-d10	1	1	-	0	20	122	0	
Dichloran	50	63.189	-	-26.4*	20	149	0	NT
Pentachloronitrobenzene	0.178	0.207	-	-16.3	20	152	0	NT
IS2_Phenanthrene-d10	1	1	-	0	20	139	0	
Diphenamid	0.506	0.619	-	-22.3*	20	148	0	NT

* Value outside of QC limits.

Form 1
METALS

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: WG1745335-1	Date Collected	: NA
Client ID	: WG1745335-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 02/21/23 20:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,6010D	Analyst	: AMW
Lab File ID	: WG1746746.pdf	Instrument ID	: TRACE4
Sample Amount	: 1.25g	%Solids	: NA
Digestion Method	: EPA 3050B	Date Digested	: 02/21/23

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	ND	4.00	1.08	U
7440-36-0	Antimony, Total	ND	2.00	0.152	U
7440-38-2	Arsenic, Total	ND	0.400	0.083	U
7440-39-3	Barium, Total	ND	0.400	0.070	U
7440-41-7	Beryllium, Total	ND	0.200	0.013	U
7440-43-9	Cadmium, Total	ND	0.400	0.039	U
7440-70-2	Calcium, Total	ND	4.00	1.40	U
7440-47-3	Chromium, Total	ND	0.400	0.038	U
7440-48-4	Cobalt, Total	ND	0.800	0.066	U
7440-50-8	Copper, Total	ND	0.400	0.103	U
7439-89-6	Iron, Total	ND	2.00	0.361	U
7439-92-1	Lead, Total	ND	2.00	0.107	U
7439-95-4	Magnesium, Total	ND	4.00	0.616	U
7439-96-5	Manganese, Total	ND	0.400	0.064	U
7440-02-0	Nickel, Total	ND	1.00	0.097	U
7440-09-7	Potassium, Total	ND	100	5.76	U
7782-49-2	Selenium, Total	ND	0.800	0.103	U
7440-22-4	Silver, Total	ND	0.200	0.113	U
7440-23-5	Sodium, Total	2.08	80.0	1.26	J
7440-28-0	Thallium, Total	ND	0.800	0.126	U
7440-62-2	Vanadium, Total	ND	0.400	0.081	U
7440-66-6	Zinc, Total	0.138	2.00	0.117	J

Form 2A
Initial and Continuing Calibration Verification

Client	: P. W. Grosser	**Lab Number**	: L2308197
Project Name	: TOT2202	**Project Number**	: TOT2202
Instrument ID	: TRACE4	**Units**	: mg/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :	R1665270-38			R1665270-40			R1665270-42		R1665270-44	
Date Analyzed :	02/21/23 18:06			02/21/23 19:04			02/21/23 19:19		02/21/23 20:59	
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Aluminum	0.500	0.5440	109	0.5000	0.547	109	0.507	101	0.524	105
Antimony	0.500	0.5300	106	0.5000	0.513	103	0.512	102	0.514	103
Arsenic	0.500	0.5100	102	0.5000	0.502	100	0.510	102	0.514	103
Barium	0.500	0.5100	102	0.5000	0.486	97	0.482	96	0.495	99
Beryllium	0.500	0.5390	108	0.5000	0.508	102	0.500	100	0.507	101
Cadmium	0.500	0.4990	100	0.5000	0.488	98	0.490	98	0.493	99
Calcium	0.500	0.5230	105	0.5000	0.506	101	0.491	98	0.500	100
Chromium	0.500	0.4910	98	0.5000	0.487	97	0.493	99	0.508	102
Cobalt	0.500	0.5040	101	0.5000	0.493	99	0.494	99	0.497	99
Copper	0.500	0.5100	102	0.5000	0.500	100	0.500	100	0.504	101
Iron	0.500	0.5300	106	0.5000	0.573	115	0.503	101	0.541	108
Lead	0.500	0.5040	101	0.5000	0.492	98	0.492	98	0.496	99
Magnesium	0.500	0.5390	108	0.5000	0.541	108	0.528	106	0.543	109
Manganese	0.500	0.5290	106	0.5000	0.502	100	0.498	100	0.510	102
Nickel	0.500	0.5050	101	0.5000	0.491	98	0.488	98	0.491	98
Potassium	5.00	5.2800	106	5.0000	4.97	99	4.96	99	5.09	102
Selenium	0.500	0.5000	100	0.5000	0.490	98	0.489	98	0.494	99
Silver	0.500	0.4960	99	0.5000	0.487	97	0.485	97	0.497	99
Sodium	10.0	10.4000	104	10.0000	9.98	100	9.75	98	9.86	99
Thallium	0.500	0.5020	100	0.5000	0.487	97	0.479	96	0.484	97
Vanadium	0.500	0.4960	99	0.5000	0.491	98	0.499	100	0.514	103
Zinc	0.500	0.5220	104	0.5000	0.506	101	0.500	100	0.504	101

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 5a
Matrix Spike

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Client Sample ID	: PDI012_5	Matrix	: SOIL
Lab Sample ID	: L2308197-03		
Matrix Spike	: WG1745335-3	MS Analysis Date	: 02/21/23 20:41
Matrix Spike Dup	: WG1745335-4	MSD Analysis Date	: 02/21/23 20:45

		Matrix Spike Sample				Matrix Spike Duplicate						
Parameter	Sample Conc. (mg/kg)	Spike Added (mg/kg)		Spike Conc. (mg/kg)	%R		Spike Added (mg/kg)	Spike Conc. (mg/kg)	%R		RPD	Recovery Limits	RPD Limit
Aluminum, Total	6930	175	*	7240	178 Q		173	6830	0 Q		6	75-125	20
Antimony, Total	ND	43.6		40.5	93		43.2	40.8	94		1	75-125	20
Arsenic, Total	5.34	10.5		15.1	93		10.4	14.6	89		3	75-125	20
Barium, Total	20.3	175		191	98		173	183	94		4	75-125	20
Beryllium, Total	0.420J	4.36		4.87	112		4.32	4.76	110		2	75-125	20
Cadmium, Total	ND	4.63		4.53	98		4.58	4.51	98		0	75-125	20
Calcium, Total	700	873		1620	105		864	1480	90		9	75-125	20
Chromium, Total	10.6	17.5		27.1	94		17.3	26.8	94		1	75-125	20
Cobalt, Total	4.76	43.6		45.3	93		43.2	45.0	93		1	75-125	20
Copper, Total	7.98	21.8		29.0	96		21.6	28.7	96		1	75-125	20
Iron, Total	14500	87.3	*	13500	0 Q		86.4	12200	0 Q		10	75-125	20
Lead, Total	13.2	46.3		53.3	87		45.8	56.5	95		6	75-125	20
Magnesium, Total	1850	873		2900	120		864	2640	91		9	75-125	20
Manganese, Total	179	43.6	*	306	291 Q		43.2	202	53 Q		41 Q	75-125	20
Nickel, Total	8.38	43.6		47.7	90		43.2	47.8	91		0	75-125	20
Potassium, Total	358	873		1290	107		864	1200	98		7	75-125	20
Selenium, Total	ND	10.5		9.55	91		10.4	9.59	92		0	75-125	20
Silver, Total	ND	4.36		3.83	88		4.32	3.99	92		4	75-125	20
Sodium, Total	122J	873		978	112		864	952	110		3	75-125	20
Thallium, Total	ND	10.5		9.60	92		10.4	9.78	94		2	75-125	20
Vanadium, Total	17.4	43.6		59.0	95		43.2	58.8	96		0	75-125	20
Zinc, Total	27.1	43.6		67.5	92		43.2	66.3	91		2	75-125	20

*Spike amount added < 4X sample amount detected

Form 1
METALS

Client	: P. W. Grosser	Lab Number	: L2308197
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: WG1745486-1	Date Collected	: NA
Client ID	: WG1745486-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 02/17/23 11:07
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: DMB
Lab File ID	: WG1745509.pdf	Instrument ID	: NIC4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 02/17/23

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.00024	0.00020	0.00009	

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

DATA USABILITY SUMMARY REPORT (DUSR)

NYS Brownsfield
737 4th Avenue
Brooklyn, NY
Project # TOT2202

SDG: L2308471
2 Soil Samples and an Equipment Blank

Prepared for:

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia, NY 11716
Attention: Jennifer Lewis

March 2023

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

Table of Contents

Page No.

REVIEWER'S NARRATIVE

1.0 SUMMARY 1

2.0 INTRODUCTION 1

3.0 SAMPLE AND ANALYSIS SUMMARY 2

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA 2

5.0 DATA VALIDATION QUALIFIERS 3

6.0 RESULTS OF THE DATA REVIEW 4

7.0 TOTAL USABLE DATA 4

APPENDIX A Validated Analytical Results
APPENDIX B Laboratory QC Documentation
APPENDIX C Validator Qualifications

Tables

Table 4-1 Data Validation Guidance Documents
Table 4-2 Quality Control Criteria for Validating Laboratory Analytical Data

Summaries of Validated Results
Table 6-1 SVOCs-Scan
Table 6-2 SVOCs-SIM
Table 6-3 PCBs
Table 6-4 ICP Metals
Table 6-5 ICP/MS Metals
Table 6-6 Mercury

REVIEWER'S NARRATIVE
PWGC SDG L2308471: TOT2202

The data associated with this Sample Delivery Group (SDG) L2308471, analyzed by Alpha Analytical, Westborough, MA have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 3/25/2023

Michael K. Perry
Chemist

1.0 EVENT SUMMARY

SITE:	737 4th Avenue Brooklyn, NY Project #: TOT2202
SAMPLING DATE:	February 16, 2023
SAMPLE TYPE:	2 soil samples and an Equipment Blank
LABORATORY:	Alpha Analytical Westborough, MA
SDG No.:	L2308471

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYS IS SUMMARY

The data package consists of analytical results for 29 samples including an equipment blank collected on February 16, 2023. However, at the client's request only samples PDI017_1, DUP005 and the Equipment Blank were validated. These samples were analyzed for Semi-volatile Organic Compounds (SVOCs), PCBs, and Metals.

All laboratory analyses were submitted to Alpha Analytical, Westborough, MA and analyzed as SDG L2308471. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC	January 2021
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)
Completeness of Pkg
Sample Preservation
Holding Time
Canister Certification
Instrument Tuning
Initial Calibration and Instrument Performance
Daily Calibration
Blanks
Lab Control Sample
Field Duplicate

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the analytical data review are summarized in Tables 6-1 through 6-6. The tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG L2308471, three samples were analyzed and results were reported for 291 analytes. One analye was rejected. Even though some results were flagged with a "J" as estimated, all other results (99.7 %) are considered usable. See the summary table for the analyses that have been rejected and qualified and the associated QC reasons.

NOTE: 1) There was no CRDL Standard present for the Metals analyses. This adds an element of uncertainty to the analytical results. Although not specifically indicated on the final data sheets with a "J" flag, the analytical results should be considered estimated, but usable.

Table 6-1 SVOCs - Scan

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
PDI017_1	Benzoic acid	J detects R non-detects	LCS rec < 0 %	Since data are non-detect, the result is rejected
Equipment Blank	2-Nitrophenol Benzoic acid 2-Nitroaniline 2,6-Dinitrotoluene 3-Nitroaniline 2,4-Dinitrophenol 2,4-Dinitrotoluene 4-Nitroaniline 4,6-Dinitro-o-cresol	J detects UJ non-detects	CCV > QC limit	Data are estimated
PDI017_1 DUP005	Benzyl alcohol Nitrobenzene 2-Nitrophenol Bis(2-chloroethoxy)methane 2-Nitroaniline 3-Nitroaniline 4,6-Dinitro-o-cresol Bis(2-ethylhexyl)phthalate Di-n-octyl phthalate Benzo(a)pyrene 1,4-Dioxane	J detects UJ non-detects	CCV > QC limit and/or LCS rec < QC limit	Data are estimated
Equipment Blank	3,3'-Dichlorobenzidine	J detects UJ non-detects	LCS rec < QC limit	Data are estimated
PDI017_1	Hexachlorocyclopentadiene	UJ non-detects	LCS rec < QC limit	Data are estimated

Table 6-2 SVOCs - SIM

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-3 PCBs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-4 ICP Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
PDI017_1 DUP005	Ca, Mg, and Na	J detects	Field Dup % D > QC limit	Data are estimated

Table 6-5 ICP/MS Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-6 Mercury

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
PDI017_1 DUP005	Hg	J detects	Field Dup % D > QC limit	Data are estimated

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

www.alphalab.com



Alpha Analytical

Laboratory Code: 11148

SDG Number: L2308471

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.

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308471
Report Date: 02/27/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2308471-01	PDI013_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 09:47	02/16/23
L2308471-02	PDI013_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 09:47	02/16/23
L2308471-03	PDI013_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 09:49	02/16/23
L2308471-04	PDI014_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:00	02/16/23
L2308471-05	PDI014_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:03	02/16/23
L2308471-06	PDI014_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:01	02/16/23
L2308471-07	PDI015_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:20	02/16/23
L2308471-08	PDI015_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:18	02/16/23
L2308471-09	PDI015_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:20	02/16/23
L2308471-10	PDI025_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:37	02/16/23
L2308471-11	PDI025_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:38	02/16/23
L2308471-12	PDI025_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:40	02/16/23
L2308471-13	EQUIPMENT BLANK	WATER	737 4TH AVE, BROOKLYN, NY	02/16/23 11:08	02/16/23
L2308471-14	PDI016_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:56	02/16/23
L2308471-15	PDI016_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:57	02/16/23
L2308471-16	PDI016_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:58	02/16/23
L2308471-17	PDI017_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 09:21	02/16/23
L2308471-18	PDI017_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 09:25	02/16/23
L2308471-19	PDI017_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 09:24	02/16/23
L2308471-20	PDI022_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 07:42	02/16/23
L2308471-21	PDI022_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 07:45	02/16/23
L2308471-22	PDI022_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 07:45	02/16/23
L2308471-23	PDI023_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:10	02/16/23
L2308471-24	PDI023_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:05	02/16/23

Alpha Sample ID	Client ID		Matrix	Sample Location	Collection Date/Time	Receive Date
L2308471-25	PDI023_5		SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:06	02/16/23
L2308471-26	PDI024_1		SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:30	02/16/23
L2308471-27	PDI024_3		SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:35	02/16/23
L2308471-28	PDI024_5		SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:35	02/16/23
L2308471-29	DUP005	17	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 00:00	02/16/23

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

L2308471-13: The sample collection time was obtained from the container labels.

Semivolatile Organics

L2308471-10: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (5%), and 2,4,6-tribromophenol (3%); however, re-extraction achieved similar results: 2-fluorophenol (3%) and 2,4,6-tribromophenol (6%). The results of both extractions are reported.

L2308471-11: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (9%), and 2,4,6-tribromophenol (0%); however, re-extraction achieved similar results: 2-fluorophenol (1%) and 2,4,6-tribromophenol (1%). The results of both extractions are reported.

L2308471-14D and -17D: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2308471-16: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (2%) and 2,4,6-tribromophenol (1%); however, re-extraction achieved similar results: 2-fluorophenol (8%) and 2,4,6-tribromophenol (3%). The results of both extractions are reported.

L2308471-19: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

L2308471-23: The surrogate recovery was outside the acceptance criteria for 2-fluorophenol (4%); however, re-extraction achieved similar results: 2-fluorophenol (11%) and 2,4,6-tribromophenol (6%). The results of both extractions are reported.

The WG1746834-2/-3 LCS recoveries, associated with L2308471-01 through -11, -12D, -14D, -15, -16, -17D, and -18 through -21, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

The WG1746834-4/-5 MS/MSD recoveries, performed on L2308471-19, are below the acceptance criteria for

Case Narrative (continued)

2,4-dinitrophenol (0%/0%) and benzoic acid (0%/0%) due to the concentrations of these compounds in the MS/MSD falling below the reported detection limits.
The WG1746834-5 MSD recovery, performed on L2308471-19, is below the acceptance criteria for 4,6-dinitro-o-cresol (8%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Total Metals
L2308471-01 through -12 and -14 through -29: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.
The WG1746128-2 LCS recovery, associated with L2308471-13, is above the acceptance criteria for thallium (153%); however, the associated sample is non-detect to the RL for this target analyte. The results of the original analysis are reported.
The WG1746216-3/-4 MS/MSD recoveries for aluminum (677%/963%), iron (1040%/1510%), and manganese (0%/0%), performed on L2308471-19, do not apply because the sample concentrations are greater than four times the spike amounts added.
The WG1746216-3/-4 MS/MSD recoveries, performed on L2308471-19, are outside the acceptance criteria for calcium (150%/151%) and magnesium (MSD 128%). A post digestion spike was performed and was within acceptance criteria.
The WG1746217-3/-4 MS/MSD recoveries, performed on L2308471-19, are outside the acceptance criteria for mercury (34%/35%). A post digestion spike was performed and was within acceptance criteria.

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: Kelly Stenstrom Report Date: 02/27/23

Title: Technical Director/Representative

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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 4

Date Rec'd in Lab: 2/16/23 MW 1/16

ALPHA Job #: L2308471

Client Information
Client: D W Groser Consulting Inc.
Address: 630 Johnson Ave, Suite 7
Phone: 631-589-6353
Fax:
Email: jennifer@dwgroser.com

Project Information
Project Name: TO12202
Project Location: 737 4th Ave, Brooklyn, NY
Project #
(Use Project name as Project #) ☑
Project Manager: Jennifer Lewis, PG
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8270	Total Hg Total Metal							Sample Specific Comments	Total Bottle
08471-01	PDI013-1	02.16.23	09:47	S	DC	X	X								2
02	PDI013-3		09:47			X	X								
03	PDI013-S		09:49			X	X								
04	PDI014-1		10:04			X	X								
05	PDI014-3		10:03			X	X								
06	PDI014-S		10:01			X	X								
07	PDI015-1		10:20			X	X								
08	PDI015-3		10:18			X	X								
09	PDI015-S		10:20			X	X								
10	PDI025-1		10:37			X	X								

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Container Type	A	A										
Preservative	A	A										

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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

Relinquished By:	Date/Time	Received By:	Date/Time
	02.16.23 14:25		2/16/23 14:25
	2/16/23 17:00		2/16/23 14:30
	2/16/23 2130		2/16/23 2130
	2/16/23 2330		2/16/23 2330

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA

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 2 of 4

Date Rec'd in Lab: 2/16/23

ALPHA Job #: L2308471

Project Information
Project Name: TOT2202
Project Location: 737 4th Ave, Brooklyn, NY
Project #
(Use Project name as Project #) ☒
Project Manager: Jennifer Lewis
ALPHAQuote #:

Client Information
Client: P.W Grosser Consulting Inc
Address: 630 Johnson Ave, Suite 7
Phone: 631-589-6353
Fax:
Email: jennifer1@pwgrosser.com

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8270	Total Hg Total Metals	Total Hg Total Metals	NYTCL-8270-SIM-LVI	NYTCL-8082-LVI				Sample Specific Comments	Total Bottle
08471-11	PDI025-3	02.16.23	10:38	S	PC	X	X								2
12	PDI025-9		10:40			X	X								2
13	EQUIP BLANK003			W				X	X	X					5

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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	A	A	P	2A	2A
Preservative	A	A	C	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	02.16.23 14:28	[signature]	2/16/23 14:30
[signature]	2/16/23 17:30	[signature]	2/16/23 19:30
[signature]	2/16/23 2130	[signature]	2/16/23 2130
[signature]	2/16/23 2330	[signature]	2/16/23 2330

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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 3 of 4

Date Rec'd in Lab: 2/16/23

ALPHA Job #: L2308471

Project Information
Project Name: [illegible]
Project Location: 737 4th Ave, Brooklyn, NY
Project #
(Use Project name as Project #) ☒
Project Manager: Jennifer Lewis
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: JW Glaster
Address: 630 Kenilon Ave Suite 7
Bohema, 11716
Phone: 631-589-6353
Fax:
Email: Jennifer L@JWglaster.com

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8270	Total Hg Total Metals							Total Bottle
05471-14	PDI016_1	07/16/23	0856	S	DC	X	X							2
15	PDI016_3		0857			X	X							
16	PDI016_5		0858			X	X							
17	PDI017_1		0921			X	X							
18	PDI017_3		0925			X	X							
19	PDI017_5		0924			X	X							
19 ~~20~~	PDI017_5_MS/MSD		0924			X	X							
20 ~~21~~	PDI022_1		0742			X	X							
21 ~~22~~	PDI022_3		0745			X	X							
22 ~~23~~	PDI022_5		0745			X	X							
						Container Type		A	A					
						Preservative		A	A					

Preservative Code: MW
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	2.16.23 14:28	[signature]	2/16/23 14:28
[signature]	2/16/23 17:30	[signature]	2/16/23 19:30
[signature]	2/16/23 2130	[signature]	2/16/23 2130
[signature]	2/16/23 2330	[signature]	2/16/23 2330

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

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 4 of 4

Date Rec'd in Lab: 2/16/23

ALPHA Job #: L2308471

Client Information
Client: PW Grosser
Address: 630 Johnson Ave Suite 7 Bohemia, 11716
Phone: 631-589-6353
Fax:
Email: jennifer2@pwgrosser.com

Project Information
Project Name: TOT 2202
Project Location: 737 4th Brooklyn, NY
Project #
(Use Project name as Project #) ☒
Project Manager: Jennifer Lewis
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYPCL-8270	Total Hg total metals							Sample Specific Comments	Total Bottles
08471-23 ~~24~~	PDIU23_1	02/16/23	0810	S	DC	X	X								2
24 ~~25~~	PDIU23_3		0805			X	X								
25 ~~26~~	PDIU23_5		0806			X	X								
26 ~~27~~	PDIU24_1		0830			X	X								
27 ~~28~~	PDIU24_3		0835			X	X								
28 ~~29~~	PDIU24_5		0835			X	X								
29 ~~30~~ mw	DUP005					X	X								

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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	A	A
Preservative	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	02.16.23 14:25	[signature]	2/16/23 14:25
[signature]	2/16/23 17:50	[signature]	2/16/23 19:30
[signature]	2/16/23 2130	[signature]	2/16/23 2130
[signature]	2/16/23 2330	[signature]	2/16/23 2330

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Semivolatiles Data- Method 8270D

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308471
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308471-13	Date Collected	: 02/16/23 11:08
Client ID	: EQUIPMENT BLANK	Date Received	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/20/23 21:36
Sample Matrix	: WATER	Date Extracted	: 02/18/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 08471-13	Analyst	: WR
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U	UJ
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U	UJ
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U	UJ
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U	
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U	
78-59-1	Isophorone	ND	5.0	1.2	U	
98-95-3	Nitrobenzene	ND	2.0	0.77	U	
86-30-6	NDPA/DPA	ND	2.0	0.42	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U	
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U	
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U	
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U	
84-66-2	Diethyl phthalate	ND	5.0	0.38	U	

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308471
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308471-13	Date Collected	: 02/16/23 11:08
Client ID	: EQUIPMENT BLANK	Date Received	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/20/23 21:36
Sample Matrix	: WATER	Date Extracted	: 02/18/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 08471-13	Analyst	: WR
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U UJ
99-09-2	3-Nitroaniline	ND	5.0	0.81	U UJ
100-01-6	4-Nitroaniline	ND	5.0	0.80	U UJ
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U UJ
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U UJ
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U UJ
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308471
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308471-13	Date Collected	: 02/16/23 11:08
Client ID	: EQUIPMENT BLANK	Date Received	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/20/23 21:36
Sample Matrix	: WATER	Date Extracted	: 02/18/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 08471-13	Analyst	: WR
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
65-85-0	Benzoic Acid	ND	50	2.6	U	UJ
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U	
86-74-8	Carbazole	ND	2.0	0.49	U	

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308471
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308471-17D	Date Collected	: 02/16/23 09:21
Client ID	: PDI017_1	Date Received	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/26/23 20:56
Sample Matrix	: SOIL	Date Extracted	: 02/21/23
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 471-17D1	Analyst	: ALS
Sample Amount	: 30.52 g	Instrument ID	: BUFFY
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	100	690	90.	J	
120-82-1	1,2,4-Trichlorobenzene	ND	860	99.	U	
118-74-1	Hexachlorobenzene	ND	520	97.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	780	120	U	
91-58-7	2-Chloronaphthalene	ND	860	86.	U	
95-50-1	1,2-Dichlorobenzene	ND	860	160	U	
541-73-1	1,3-Dichlorobenzene	ND	860	150	U	
106-46-7	1,4-Dichlorobenzene	ND	860	150	U	
91-94-1	3,3'-Dichlorobenzidine	ND	860	230	U	
121-14-2	2,4-Dinitrotoluene	ND	860	170	U	
606-20-2	2,6-Dinitrotoluene	ND	860	150	U	
206-44-0	Fluoranthene	1500	520	99.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	860	92.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	860	130	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	1000	150	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	930	87.	U	UJ
87-68-3	Hexachlorobutadiene	ND	860	130	U	
77-47-4	Hexachlorocyclopentadiene	ND	2500	780	U	UJ
67-72-1	Hexachloroethane	ND	690	140	U	
78-59-1	Isophorone	ND	780	110	U	
91-20-3	Naphthalene	ND	860	100	U	
98-95-3	Nitrobenzene	ND	780	130	U	UJ

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308471
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308471-17D	Date Collected	: 02/16/23 09:21
Client ID	: PDI017_1	Date Received	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/26/23 20:56
Sample Matrix	: SOIL	Date Extracted	: 02/21/23
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 471-17D1	Analyst	: ALS
Sample Amount	: 30.52 g	Instrument ID	: BUFFY
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
86-30-6	NDPA/DPA	ND	690	98.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	860	130	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	860	300	U	UJ
85-68-7	Butyl benzyl phthalate	ND	860	220	U	
84-74-2	Di-n-butylphthalate	ND	860	160	U	
117-84-0	Di-n-octylphthalate	ND	860	290	U	UJ
84-66-2	Diethyl phthalate	ND	860	80.	U	
131-11-3	Dimethyl phthalate	ND	860	180	U	
56-55-3	Benzo(a)anthracene	480	520	97.	J	
50-32-8	Benzo(a)pyrene	410	690	210	J	J
205-99-2	Benzo(b)fluoranthene	690	520	140		
207-08-9	Benzo(k)fluoranthene	240	520	140	J	
218-01-9	Chrysene	710	520	90.		
208-96-8	Acenaphthylene	ND	690	130	U	
120-12-7	Anthracene	ND	520	170	U	
191-24-2	Benzo(ghi)perylene	250	690	100	J	
86-73-7	Fluorene	ND	860	84.	U	
85-01-8	Phenanthrene	1300	520	100		
53-70-3	Dibenzo(a,h)anthracene	ND	520	100	U	
193-39-5	Indeno(1,2,3-cd)pyrene	290	690	120	J	
129-00-0	Pyrene	1100	520	86.		
92-52-4	Biphenyl	ND	2000	110	U	

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308471
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308471-17D	Date Collected	: 02/16/23 09:21
Client ID	: PDI017_1	Date Received	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/26/23 20:56
Sample Matrix	: SOIL	Date Extracted	: 02/21/23
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 471-17D1	Analyst	: ALS
Sample Amount	: 30.52 g	Instrument ID	: BUFFY
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-47-8	4-Chloroaniline	ND	860	160	U	
88-74-4	2-Nitroaniline	ND	860	170	U	UJ
99-09-2	3-Nitroaniline	ND	860	160	U	UJ
100-01-6	4-Nitroaniline	ND	860	360	U	
132-64-9	Dibenzofuran	100	860	82.	J	
91-57-6	2-Methylnaphthalene	120	1000	100	J	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	860	90.	U	
98-86-2	Acetophenone	ND	860	110	U	
88-06-2	2,4,6-Trichlorophenol	ND	520	160	U	
59-50-7	p-Chloro-m-cresol	ND	860	130	U	
95-57-8	2-Chlorophenol	ND	860	100	U	
120-83-2	2,4-Dichlorophenol	ND	780	140	U	
105-67-9	2,4-Dimethylphenol	ND	860	280	U	
88-75-5	2-Nitrophenol	ND	1900	320	U	UJ
100-02-7	4-Nitrophenol	ND	1200	350	U	
51-28-5	2,4-Dinitrophenol	ND	4200	400	U	
534-52-1	4,6-Dinitro-o-cresol	ND	2200	420	U	UJ
87-86-5	Pentachlorophenol	ND	690	190	U	
108-95-2	Phenol	ND	860	130	U	
95-48-7	2-Methylphenol	ND	860	130	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	1200	140	U	
95-95-4	2,4,5-Trichlorophenol	ND	860	160	U	

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308471
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308471-17D	Date Collected	: 02/16/23 09:21
Client ID	: PDI017_1	Date Received	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/26/23 20:56
Sample Matrix	: SOIL	Date Extracted	: 02/21/23
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 471-17D1	Analyst	: ALS
Sample Amount	: 30.52 g	Instrument ID	: BUFFY
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
65-85-0	Benzoic Acid	ND	2800	880	U	R
100-51-6	Benzyl Alcohol	ND	860	260	U	UJ
86-74-8	Carbazole	130	860	84.	J	
123-91-1	1,4-Dioxane	ND	130	40.	U	UJ

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308471
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308471-29	Date Collected	: 02/16/23 00:00
Client ID	: DUP005	Date Received	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/26/23 21:20
Sample Matrix	: SOIL	Date Extracted	: 02/21/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 08471-29	Analyst	: ALS
Sample Amount	: 30.11 g	Instrument ID	: BUFFY
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	70	140	19.	J	
120-82-1	1,2,4-Trichlorobenzene	ND	180	21.	U	
118-74-1	Hexachlorobenzene	ND	110	20.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	160	25.	U	
91-58-7	2-Chloronaphthalene	ND	180	18.	U	
95-50-1	1,2-Dichlorobenzene	ND	180	33.	U	
541-73-1	1,3-Dichlorobenzene	ND	180	31.	U	
106-46-7	1,4-Dichlorobenzene	ND	180	32.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	180	48.	U	
121-14-2	2,4-Dinitrotoluene	ND	180	36.	U	
606-20-2	2,6-Dinitrotoluene	ND	180	31.	U	
206-44-0	Fluoranthene	1800	110	21.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	19.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	180	28.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	31.	U	UJ
111-91-1	Bis(2-chloroethoxy)methane	ND	200	18.	U	
87-68-3	Hexachlorobutadiene	ND	180	26.	U	
77-47-4	Hexachlorocyclopentadiene	ND	520	160	U	
67-72-1	Hexachloroethane	ND	140	29.	U	
78-59-1	Isophorone	ND	160	24.	U	
91-20-3	Naphthalene	25	180	22.	J	
98-95-3	Nitrobenzene	ND	160	27.	U	UJ

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308471
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308471-29	Date Collected	: 02/16/23 00:00
Client ID	: DUP005	Date Received	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/26/23 21:20
Sample Matrix	: SOIL	Date Extracted	: 02/21/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 08471-29	Analyst	: ALS
Sample Amount	: 30.11 g	Instrument ID	: BUFFY
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
86-30-6	NDPA/DPA	ND	140	21.	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	180	28.	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	63.	U	UJ
85-68-7	Butyl benzyl phthalate	ND	180	46.	U	
84-74-2	Di-n-butylphthalate	ND	180	34.	U	
117-84-0	Di-n-octylphthalate	ND	180	62.	U	UJ
84-66-2	Diethyl phthalate	ND	180	17.	U	
131-11-3	Dimethyl phthalate	ND	180	38.	U	
56-55-3	Benzo(a)anthracene	760	110	20.		
50-32-8	Benzo(a)pyrene	680	140	44.		J
205-99-2	Benzo(b)fluoranthene	1100	110	30.		
207-08-9	Benzo(k)fluoranthene	360	110	29.		
218-01-9	Chrysene	1000	110	19.		
208-96-8	Acenaphthylene	39	140	28.	J	
120-12-7	Anthracene	210	110	35.		
191-24-2	Benzo(ghi)perylene	450	140	21.		
86-73-7	Fluorene	60	180	18.	J	
85-01-8	Phenanthrene	1000	110	22.		
53-70-3	Dibenzo(a,h)anthracene	110	110	21.		
193-39-5	Indeno(1,2,3-cd)pyrene	510	140	25.		
129-00-0	Pyrene	1400	110	18.		
92-52-4	Biphenyl	ND	410	24.	U	

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308471
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308471-29	Date Collected	: 02/16/23 00:00
Client ID	: DUP005	Date Received	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/26/23 21:20
Sample Matrix	: SOIL	Date Extracted	: 02/21/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 08471-29	Analyst	: ALS
Sample Amount	: 30.11 g	Instrument ID	: BUFFY
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
106-47-8	4-Chloroaniline	ND	180	33.	U	
88-74-4	2-Nitroaniline	ND	180	35.	U	UJ
99-09-2	3-Nitroaniline	ND	180	34.	U	UJ
100-01-6	4-Nitroaniline	ND	180	75.	U	
132-64-9	Dibenzofuran	44	180	17.	J	
91-57-6	2-Methylnaphthalene	ND	220	22.	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U	
98-86-2	Acetophenone	ND	180	22.	U	
88-06-2	2,4,6-Trichlorophenol	ND	110	34.	U	
59-50-7	p-Chloro-m-cresol	ND	180	27.	U	UJ
95-57-8	2-Chlorophenol	ND	180	21.	U	
120-83-2	2,4-Dichlorophenol	ND	160	29.	U	
105-67-9	2,4-Dimethylphenol	ND	180	60.	U	
88-75-5	2-Nitrophenol	ND	390	68.	U	UJ
100-02-7	4-Nitrophenol	ND	250	74.	U	
51-28-5	2,4-Dinitrophenol	ND	870	85.	U	
534-52-1	4,6-Dinitro-o-cresol	ND	470	87.	U	
87-86-5	Pentachlorophenol	ND	140	40.	U	
108-95-2	Phenol	ND	180	27.	U	
95-48-7	2-Methylphenol	ND	180	28.	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	260	28.	U	
95-95-4	2,4,5-Trichlorophenol	ND	180	35.	U	

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308471
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308471-29	Date Collected	: 02/16/23 00:00
Client ID	: DUP005	Date Received	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/26/23 21:20
Sample Matrix	: SOIL	Date Extracted	: 02/21/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 08471-29	Analyst	: ALS
Sample Amount	: 30.11 g	Instrument ID	: BUFFY
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
65-85-0	Benzoic Acid	ND	590	180	U	
100-51-6	Benzyl Alcohol	ND	180	56.	U	UJ
86-74-8	Carbazole	180	180	18.		
123-91-1	1,4-Dioxane	ND	27	8.4	U	UJ

MKP 3/25/2023

Semivolatiles Data
by Method 8270D-SIM

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2308471
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308471-13	Date Collected	: 02/16/23 11:08
Client ID	: EQUIPMENT BLANK	Date Received	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/20/23 18:43
Sample Matrix	: WATER	Date Extracted	: 02/18/23
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 08471-13	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV128
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.09	0.10	0.02	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	0.04	0.10	0.02	J
50-32-8	Benzo(a)pyrene	0.03	0.10	0.02	J
205-99-2	Benzo(b)fluoranthene	0.05	0.10	0.01	J
207-08-9	Benzo(k)fluoranthene	0.01	0.10	0.01	J
218-01-9	Chrysene	0.04	0.10	0.01	J
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	0.02	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	0.02	0.10	0.01	J
86-73-7	Fluorene	0.01	0.10	0.01	J
85-01-8	Phenanthrene	0.10	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	0.10	0.01	J
129-00-0	Pyrene	0.07	0.10	0.02	J
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

MKP 3/25/2023

GC Extractable Analysis Polychlorinated Biphenyls (PCB)

No data validation qualifiers were added

MKP 3/25/2023

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: P. W. Grosser	**Lab Number**	: L2308471
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2308471-13	**Date Collected**	: 02/16/23 11:08
Client ID	: EQUIPMENT BLANK	**Date Received**	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/20/23 22:38
Sample Matrix	: WATER	**Date Extracted**	: 02/19/23
Analytical Method	: 1,8082A	**Dilution Factor**	: 1
Lab File ID	: P2230220a-35	**Analyst**	: AD
Sample Amount	: 140 ml	**Instrument ID**	: PEST2
Extraction Method	: EPA 3510C	**GC Column**	: CLP-Pesticide
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U

Inorganic Data
(ICP Analysis)

Form 1
METALS

Client	: P. W. Grosser	Lab Number	: L2308471
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308471-17	Date Collected	: 02/16/23 09:21
Client ID	: PDI017_1	Date Received	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/22/23 13:34
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: EGW
Lab File ID	: WG1747197.csv	Instrument ID	: TRACE9
Sample Amount	: 1.31g	%Solids	: 95
Digestion Method	: EPA 3050B	Date Digested	: 02/21/23

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	6480	8.06	2.18		
7440-36-0	Antimony, Total	0.402	4.03	0.306	J	
7440-38-2	Arsenic, Total	5.95	0.806	0.168		
7440-39-3	Barium, Total	46.8	0.806	0.140		
7440-41-7	Beryllium, Total	0.286	0.403	0.027	J	
7440-43-9	Cadmium, Total	0.266	0.806	0.079	J	
7440-70-2	Calcium, Total	15800	8.06	2.82	J	
7440-47-3	Chromium, Total	12.0	0.806	0.077		
7440-48-4	Cobalt, Total	5.24	1.61	0.134		
7440-50-8	Copper, Total	22.4	0.806	0.208		
7439-89-6	Iron, Total	12400	4.03	0.728		
7439-92-1	Lead, Total	50.0	4.03	0.216		
7439-95-4	Magnesium, Total	5530	8.06	1.24	J	
7439-96-5	Manganese, Total	270	0.806	0.128		
7440-02-0	Nickel, Total	12.0	2.02	0.195		
7440-09-7	Potassium, Total	544	202	11.6		
7782-49-2	Selenium, Total	ND	1.61	0.208	U	
7440-22-4	Silver, Total	ND	0.403	0.228	U	
7440-23-5	Sodium, Total	146	161	2.54	J	J
7440-28-0	Thallium, Total	ND	1.61	0.254	U	
7440-62-2	Vanadium, Total	25.6	0.806	0.164		
7440-66-6	Zinc, Total	55.8	4.03	0.236		

MKP 3/25/2023

Form 1
METALS

Client	: P. W. Grosser	Lab Number	: L2308471
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308471-29	Date Collected	: 02/16/23 00:00
Client ID	: DUP005	Date Received	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/22/23 11:13
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: EGW
Lab File ID	: WG1747194.pdf	Instrument ID	: TRACE4
Sample Amount	: 1.268g	%Solids	: 91
Digestion Method	: EPA 3050B	Date Digested	: 02/20/23

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	6360	8.63	2.33		
7440-36-0	Antimony, Total	ND	4.31	0.328	U	
7440-38-2	Arsenic, Total	5.11	0.863	0.179		
7440-39-3	Barium, Total	42.0	0.863	0.150		
7440-41-7	Beryllium, Total	0.361	0.431	0.029	J	
7440-43-9	Cadmium, Total	0.248	0.863	0.085	J	
7440-70-2	Calcium, Total	28100	8.63	3.02		J
7440-47-3	Chromium, Total	12.4	0.863	0.083		
7440-48-4	Cobalt, Total	4.93	1.72	0.143		
7440-50-8	Copper, Total	18.2	0.863	0.223		
7439-89-6	Iron, Total	11800	4.31	0.779		
7439-92-1	Lead, Total	39.6	4.31	0.231		
7439-95-4	Magnesium, Total	12000	8.63	1.33		J
7439-96-5	Manganese, Total	257	0.863	0.137		
7440-02-0	Nickel, Total	12.8	2.16	0.209		
7440-09-7	Potassium, Total	993	216	12.4		
7782-49-2	Selenium, Total	ND	1.72	0.223	U	
7440-22-4	Silver, Total	ND	0.431	0.244	U	
7440-23-5	Sodium, Total	163	172	2.72	J	J
7440-28-0	Thallium, Total	0.368	1.72	0.272	J	
7440-62-2	Vanadium, Total	19.4	0.863	0.175		
7440-66-6	Zinc, Total	58.1	4.31	0.253		

MKP 3/25/2023

Inorganic Data
(ICPMS Analysis)

Form 1
METALS

Client	: P. W. Grosser	Lab Number	: L2308471
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308471-13	Date Collected	: 02/16/23 11:08
Client ID	: EQUIPMENT BLANK	Date Received	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/20/23 13:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: NTB
Lab File ID	: WG1746351.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 02/20/23

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-23-5	Sodium, Total	5.74	0.100	0.0293	

MKP 3/25/2023

Form 1
METALS

Client	: P. W. Grosser	Lab Number	: L2308471
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308471-13	Date Collected	: 02/16/23 11:08
Client ID	: EQUIPMENT BLANK	Date Received	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/20/23 12:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: NTB
Lab File ID	: WG1746351.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 02/20/23

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	1.42	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00060	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00160	0.00050	0.00016	
7440-39-3	Barium, Total	0.01876	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	0.00006	0.00020	0.00005	J
7440-70-2	Calcium, Total	16.1	0.100	0.0394	
7440-47-3	Chromium, Total	0.03324	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00125	0.00050	0.00016	
7440-50-8	Copper, Total	0.03437	0.00100	0.00038	
7439-89-6	Iron, Total	6.27	0.0500	0.0191	
7439-92-1	Lead, Total	0.01344	0.00100	0.00034	
7439-95-4	Magnesium, Total	3.14	0.0700	0.0242	
7439-96-5	Manganese, Total	0.07753	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00849	0.00200	0.00055	
7440-09-7	Potassium, Total	0.550	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-28-0	Thallium, Total	ND	0.00200	0.00014	U
7440-62-2	Vanadium, Total	0.00270	0.00500	0.00157	J
7440-66-6	Zinc, Total	0.05870	0.01000	0.00341	

MKP 3/25/2023

Inorganic Data
(Mercury Analysis)

Form 1
METALS

Client	: P. W. Grosser	**Lab Number**	: L2308471
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2308471-13	**Date Collected**	: 02/16/23 11:08
Client ID	: EQUIPMENT BLANK	**Date Received**	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/20/23 17:34
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: TAA
Lab File ID	: WG1746606.pdf	**Instrument ID**	: NIC4
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 02/20/23

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: P. W. Grosser	**Lab Number**	: L2308471
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2308471-29	**Date Collected**	: 02/16/23 00:00
Client ID	: DUP005	**Date Received**	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/22/23 14:48
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: DMB
Lab File ID	: WG1747210.pdf	**Instrument ID**	: NIC3
Sample Amount	: 0.397g	**%Solids**	: 91
Digestion Method	: EPA 7471B	**Date Digested**	: 02/21/23

		mg/kg				
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**	
7439-97-6	Mercury, Total	0.058	0.069	0.045	J	J

MKP 3/25/2023

Form 1
METALS

Client	: P. W. Grosser	**Lab Number**	: L2308471
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2308471-17	**Date Collected**	: 02/16/23 09:21
Client ID	: PDI017_1	**Date Received**	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/22/23 21:48
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: DJR
Lab File ID	: WG1747502.pdf	**Instrument ID**	: NIC4
Sample Amount	: 0.307g	**%Solids**	: 95
Digestion Method	: EPA 7471B	**Date Digested**	: 02/21/23

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	0.132	0.086	0.056	J

MKP 3/25/2023

Total Solids / Percent Moisture Analysis

No data validation qualifiers were added

MKP 3/25/2023

Form 1
WETCHEM

Client	: P. W. Grosser	**Lab Number**	: L2308471
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2308471-17	**Date Collected**	: 02/16/23 09:21
Client ID	: PDI017_1	**Date Received**	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/18/23 10:37
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: ROI
Lab File ID	: WG1745940.pdf	**Instrument ID**	: BALANCE#53
Sample Amount	:	**%Solids**	: 95
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**94.7**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: P. W. Grosser	**Lab Number**	: L2308471
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2308471-29	**Date Collected**	: 02/16/23 00:00
Client ID	: DUP005	**Date Received**	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/18/23 10:49
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: ROI
Lab File ID	: WG1745943.pdf	**Instrument ID**	: BALANCE#53
Sample Amount	:	**%Solids**	: 91
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**91.4**	**0.100**	**NA**	

Appendix B

Laboratory QC Documentation

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2308471
Project Name	: TOT2202	**Project Number**	: TOT2202
Matrix	: WATER		
LCS Sample ID	: WG1745915-2	**Analysis Date** : 02/19/23 14:16	**File ID** : 745915-2
LCSD Sample ID	: WG1745915-3	**Analysis Date** : 02/19/23 14:38	**File ID** : 745915-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	18	9.9	54	18	9.7	53	2	37-111	30
1,2,4-Trichlorobenzene	18	11.	60	18	11.	62	3	39-98	30
Hexachlorobenzene	18	11.	61	18	11.	60	2	40-140	30
Bis(2-chloroethyl)ether	18	8.7	48	18	9.5	52	8	40-140	30
2-Chloronaphthalene	18	10.	58	18	11.	59	2	40-140	30
1,2-Dichlorobenzene	18	8.9	49	18	9.9	54	10	40-140	30
1,3-Dichlorobenzene	18	8.6	47	18	9.4	52	10	40-140	30
1,4-Dichlorobenzene	18	8.8	49	18	9.2	51	4	36-97	30
3,3'-Dichlorobenzidine	18	6.0	33 Q	18	7.2	39 Q	17	40-140	30
2,4-Dinitrotoluene	18	13.	71	18	12.	68	4	48-143	30
2,6-Dinitrotoluene	18	13.	71	18	14.	76	7	40-140	30
Fluoranthene	18	12.	67	18	12.	65	3	40-140	30
4-Chlorophenyl phenyl ether	18	12.	66	18	12.	64	3	40-140	30
4-Bromophenyl phenyl ether	18	12.	68	18	11.	63	8	40-140	30
Bis(2-chloroisopropyl)ether	18	10.	56	18	11.	59	5	40-140	30
Bis(2-chloroethoxy)methane	18	9.3	51	18	9.3	51	0	40-140	30
Hexachlorobutadiene	18	11.	58	18	11.	63	8	40-140	30
Hexachlorocyclopentadiene	18	11.	60	18	12.	65	8	40-140	30
Hexachloroethane	18	8.2	45	18	9.4	52	14	40-140	30
Isophorone	18	9.5	52	18	9.3	51	2	40-140	30
Naphthalene	18	9.2	51	18	9.9	55	8	40-140	30
Nitrobenzene	18	9.5	52	18	10.	57	9	40-140	30
NDPA/DPA	18	12.	63	18	11.	63	0	40-140	30
n-Nitrosodi-n-propylamine	18	9.4	52	18	9.2	51	2	29-132	30
Bis(2-ethylhexyl)phthalate	18	11.	61	18	10.	57	7	40-140	30
Butyl benzyl phthalate	18	12.	64	18	11.	61	5	40-140	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2308471
Project Name	: TOT2202	**Project Number**	: TOT2202
Matrix	: WATER		
LCS Sample ID	: WG1745915-2	**Analysis Date** : 02/19/23 14:16	**File ID** : 745915-2
LCSD Sample ID	: WG1745915-3	**Analysis Date** : 02/19/23 14:38	**File ID** : 745915-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
2,4,6-Trichlorophenol	18	15.	83	18	15.	80	4	30-130	30
p-Chloro-m-cresol	18	12.	64	18	11.	59	8	23-97	30
2-Chlorophenol	18	10.	55	18	11.	59	7	27-123	30
2,4-Dichlorophenol	18	13.	71	18	13.	72	1	30-130	30
2,4-Dimethylphenol	18	10.	56	18	5.6	31	57 Q	30-130	30
2-Nitrophenol	18	14.	78	18	15.	82	5	30-130	30
4-Nitrophenol	18	11.	61	18	9.8	54	12	10-80	30
2,4-Dinitrophenol	18	24.	132 Q	18	21.	115	14	20-130	30
4,6-Dinitro-o-cresol	18	23.	126	18	22.	123	2	20-164	30
Pentachlorophenol	18	17.	94	18	15.	85	10	9-103	30
Phenol	18	7.2	40	18	7.1	39	3	12-110	30
2-Methylphenol	18	9.6	53	18	9.6	52	2	30-130	30
3-Methylphenol/4-Methylphenol	18	10.	56	18	10.	56	0	30-130	30
2,4,5-Trichlorophenol	18	14.	75	18	14.	78	4	30-130	30
Benzoic Acid	18	14.	79	18	14.	79	0	10-164	30
Benzyl Alcohol	18	9.2	51	18	9.6	53	4	26-116	30
Carbazole	18	11.	62	18	11.	60	3	55-144	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2308471
Project Name	: TOT2202	**Project Number**	: TOT2202
Matrix	: SOIL		
LCS Sample ID	: WG1746834-2	**Analysis Date** : 02/24/23 17:30	**File ID** : 76834-2a
LCSD Sample ID	: WG1746834-3	**Analysis Date** : 02/24/23 17:54	**File ID** : 746834-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	1300	1000	80	1300	1100	84	5	31-137	50
1,2,4-Trichlorobenzene	1300	1100	80	1300	1200	89	11	38-107	50
Hexachlorobenzene	1300	1200	90	1300	1200	95	5	40-140	50
Bis(2-chloroethyl)ether	1300	890	67	1300	960	74	10	40-140	50
2-Chloronaphthalene	1300	1200	90	1300	1200	95	5	40-140	50
1,2-Dichlorobenzene	1300	970	73	1300	1100	83	13	40-140	50
1,3-Dichlorobenzene	1300	970	73	1300	1100	82	12	40-140	50
1,4-Dichlorobenzene	1300	950	72	1300	1000	82	13	28-104	50
3,3'-Dichlorobenzidine	1300	970	73	1300	940	73	0	40-140	50
2,4-Dinitrotoluene	1300	1300	99	1300	1300	104	5	40-132	50
2,6-Dinitrotoluene	1300	1400	103	1300	1400	107	4	40-140	50
Fluoranthene	1300	1200	90	1300	1200	94	4	40-140	50
4-Chlorophenyl phenyl ether	1300	1200	89	1300	1200	94	5	40-140	50
4-Bromophenyl phenyl ether	1300	1200	92	1300	1200	97	5	40-140	50
Bis(2-chloroisopropyl)ether	1300	1200	91	1300	1300	101	10	40-140	50
Bis(2-chloroethoxy)methane	1300	990	75	1300	1000	79	5	40-117	50
Hexachlorobutadiene	1300	1100	85	1300	1200	96	12	40-140	50
Hexachlorocyclopentadiene	1300	450	34 Q	1300	500	39 Q	14	40-140	50
Hexachloroethane	1300	910	69	1300	1000	78	12	40-140	50
Isophorone	1300	1000	76	1300	1000	82	8	40-140	50
Naphthalene	1300	1000	78	1300	1100	88	12	40-140	50
Nitrobenzene	1300	1000	79	1300	1100	86	8	40-140	50
NDPA/DPA	1300	1200	90	1300	1200	94	4	36-157	50
n-Nitrosodi-n-propylamine	1300	1000	76	1300	1100	83	9	32-121	50
Bis(2-ethylhexyl)phthalate	1300	1100	85	1300	1200	89	5	40-140	50
Butyl benzyl phthalate	1300	1300	97	1300	1300	101	4	40-140	50

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2308471
Project Name	: TOT2202	**Project Number**	: TOT2202
Matrix	: SOIL		
LCS Sample ID	: WG1746834-2	**Analysis Date** : 02/24/23 17:30	**File ID** : 76834-2a
LCSD Sample ID	: WG1746834-3	**Analysis Date** : 02/24/23 17:54	**File ID** : 746834-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
2,4,6-Trichlorophenol	1300	1400	108	1300	1400	112	4	30-130	50
p-Chloro-m-cresol	1300	1300	99	1300	1300	103	4	26-103	50
2-Chlorophenol	1300	1100	81	1300	1200	89	9	25-102	50
2,4-Dichlorophenol	1300	1200	95	1300	1300	99	4	30-130	50
2,4-Dimethylphenol	1300	1100	80	1300	1100	85	6	30-130	50
2-Nitrophenol	1300	1200	90	1300	1300	98	9	30-130	50
4-Nitrophenol	1300	1400	108	1300	1400	111	3	11-114	50
2,4-Dinitrophenol	1300	310	23	1300	340	27	16	4-130	50
4,6-Dinitro-o-cresol	1300	570	43	1300	630	49	13	10-130	50
Pentachlorophenol	1300	1000	76	1300	1000	80	5	17-109	50
Phenol	1300	990	75	1300	1000	81	8	26-90	50
2-Methylphenol	1300	1100	82	1300	1100	86	5	30-130.	50
3-Methylphenol/4-Methylphenol	1300	1200	91	1300	1200	95	4	30-130	50
2,4,5-Trichlorophenol	1300	1500	116	1300	1500	118	2	30-130	50
Benzoic Acid	1300	ND	0 Q	1300	ND	0 Q	NC	10-110	50
Benzyl Alcohol	1300	1100	81	1300	1200	89	9	40-140	50
Carbazole	1300	1100	85	1300	1200	89	5	54-128	50
1,4-Dioxane	1300	670	51	1300	740	58	13	40-140	50

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2308471
Project Name	: TOT2202	**Project Number**	: TOT2202
Matrix	: SOIL		
LCS Sample ID	: WG1746931-2	**Analysis Date** : 02/25/23 08:16	**File ID** : 746931-2
LCSD Sample ID	: WG1746931-3	**Analysis Date** : 02/25/23 08:40	**File ID** : 746931-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	1300	960	73	1300	890	68	7	31-137	50
1,2,4-Trichlorobenzene	1300	1000	79	1300	1000	78	1	38-107	50
Hexachlorobenzene	1300	1100	80	1300	980	76	5	40-140	50
Bis(2-chloroethyl)ether	1300	900	68	1300	860	66	3	40-140	50
2-Chloronaphthalene	1300	1100	81	1300	990	76	6	40-140	50
1,2-Dichlorobenzene	1300	980	74	1300	930	72	3	40-140	50
1,3-Dichlorobenzene	1300	950	72	1300	910	70	3	40-140	50
1,4-Dichlorobenzene	1300	940	71	1300	890	69	3	28-104	50
3,3'-Dichlorobenzidine	1300	780	60	1300	820	63	5	40-140	50
2,4-Dinitrotoluene	1300	1000	80	1300	970	75	6	40-132	50
2,6-Dinitrotoluene	1300	1100	82	1300	1000	81	1	40-140	50
Fluoranthene	1300	1000	77	1300	950	73	5	40-140	50
4-Chlorophenyl phenyl ether	1300	1000	80	1300	960	74	8	40-140	50
4-Bromophenyl phenyl ether	1300	1100	82	1300	1000	80	2	40-140	50
Bis(2-chloroisopropyl)ether	1300	500	38 Q	1300	470	36 Q	6	40-140	50
Bis(2-chloroethoxy)methane	1300	920	70	1300	880	68	3	40-117	50
Hexachlorobutadiene	1300	1000	76	1300	910	70	8	40-140	50
Hexachlorocyclopentadiene	1300	950	72	1300	920	71	1	40-140	50
Hexachloroethane	1300	760	57	1300	730	56	2	40-140	50
Isophorone	1300	910	69	1300	890	68	1	40-140	50
Naphthalene	1300	1000	77	1300	940	73	5	40-140	50
Nitrobenzene	1300	920	70	1300	870	67	4	40-140	50
NDPA/DPA	1300	1000	80	1300	990	76	5	36-157	50
n-Nitrosodi-n-propylamine	1300	900	68	1300	860	66	3	32-121	50
Bis(2-ethylhexyl)phthalate	1300	860	66	1300	800	62	6	40-140	50
Butyl benzyl phthalate	1300	900	68	1300	840	65	5	40-140	50

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser		Lab Number	: L2308471	
Project Name	: TOT2202		Project Number	: TOT2202	
Instrument ID	: SV106		Calibration Date	: 02/20/23 13:00	
Lab File ID	: ABN0220		Init. Calib. Date(s)	: 03/27/22	03/28/22
Sample No	: WG1746553-3		Init. Calib. Times	: 22:58	11:39
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)	
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	105	0	
n-Nitrosodimethylamine	0.412	0.421	-	-2.2	20	106	0	
Pyridine	0.66	0.736	-	-11.5	20	113	0	
2-Fluorophenol	0.678	0.716	-	-5.6	20	113	0	
Aniline	1.079	1.065	-	1.3	20	104	0	
2-Chlorophenol	0.779	0.829	-	-6.4	20	112	0	
Phenol-d6	0.829	0.873	-	-5.3	20	110	0	
Phenol	0.877	0.885	-	-0.9	20	106	0	
Bis(2-chloroethyl)ether	0.672	0.671	-	0.1	20	104	0	
1,3-Dichlorobenzene	0.885	0.9	-	-1.7	20	105	0	
1,4-Dichlorobenzene	0.922	0.963	-	-4.4	20	112	0	
1,2-Dichlorobenzene	0.874	0.895	-	-2.4	20	108	0	
Benzyl alcohol	0.574	0.567	-	1.2	20	105	0	
Bis(2-chloroisopropyl)ethe	0.717	0.687	-	4.2	20	100	0	
2-Methylphenol	0.683	0.692	-	-1.3	20	105	0	
Hexachloroethane	0.347	0.325	-	6.3	20	102	0	
n-Nitrosodi-n-propylamine	0.517	0.475	-	8.1	20	97	0	
3-Methylphenol/4-Methylphe	0.713	0.747	-	-4.8	20	109	0	
Nitrobenzene-d5	0.685	0.743	-	-8.5	20	114	0	
Nitrobenzene	0.678	0.717	-	-5.8	20	112	0	
Isophorone	1.409	1.326	-	5.9	20	98	0	
2-Nitrophenol	0.32	0.435	-	-35.9*	20	140	0	
2,4-Dimethylphenol	0.768	0.75	-	2.3	20	102	0	
Bis(2-chloroethoxy)methane	0.823	0.837	-	-1.7	20	105	0	
2,4-Dichlorophenol	0.651	0.705	-	-8.3	20	115	0	
1,2,4-Trichlorobenzene	0.749	0.732	-	2.3	20	107	0	
IS1_Naphthalene-d8	1	1	-	0	20	105	0	
Naphthalene	1.029	1.047	-	-1.7	20	107	0	
Benzoic Acid	5	6.053	-	-21.1*	20	139	0	
4-Chloroaniline	0.117	0.107	-	8.5	20	99	0	
Hexachlorobutadiene	0.197	0.179	-	9.1	20	98	0	
p-Chloro-m-cresol	0.278	0.282	-	-1.4	20	105	0	
2-Methylnaphthalene	0.671	0.669	-	0.3	20	107	0	
1-Methylnaphthalene	0.227	0.21	-	7.5	20	98	0	
Hexachlorocyclopentadiene	0.214	0.245	-	-14.5	20	118	0	
2,4,6-Trichlorophenol	0.214	0.221	-	-3.3	20	109	0	
2,4,5-Trichlorophenol	0.224	0.24	-	-7.1	20	113	0	
2-Fluorobiphenyl	0.765	0.785	-	-2.6	20	108	0	
2-Chloronaphthalene	0.661	0.688	-	-4.1	20	111	0	
2-Nitroaniline	0.162	0.227	-	-40.1*	20	148	0	
1,4-Dinitrobenzene	0.074	0.112	-	-51.4*	20	181	0	NT
1,3-Dinitrobenzene	0.088	0.124	-	-40.9*	20	166	0	NT
Dimethyl phthalate	0.717	0.781	-	-8.9	20	115	0	

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser		Lab Number	: L2308471	
Project Name	: TOT2202		Project Number	: TOT2202	
Instrument ID	: SV106		Calibration Date	: 02/20/23 13:00	
Lab File ID	: ABN0220		Init. Calib. Date(s)	: 03/27/22	03/28/22
Sample No	: WG1746553-3		Init. Calib. Times	: 22:58	11:39
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.048	1.089	-	-3.9	20	111	0
2,6-Dinitrotoluene	0.131	0.181	-	-38.2*	20	147	0
1,2-Dinitrobenzene	0.057	0.083	-	-45.6*	20	155	0 NT
IS1_Acenaphthene-d10	1	1	-	0	20	110	0
3-Nitroaniline	0.283	0.378	-	-33.6*	20	140	0
Acenaphthene	1.166	1.187	-	-1.8	20	112	0
2,4-Dinitrophenol	5	8.314	-	-66.3*	20	199	0
Dibenzofuran	1.795	1.809	-	-0.8	20	111	0
2,4-Dinitrotoluene	0.307	0.42	-	-36.8*	20	149	0
4-Nitrophenol	0.215	0.255	-	-18.6	20	135	0
2,3,5,6-Tetrachlorophenol	0.349	0.367	-	-5.2	20	115	0
2,3,4,6-Tetrachlorophenol	0.346	0.348	-	-0.6	20	109	0
Diethyl phthalate	1.402	1.426	-	-1.7	20	113	0
Fluorene	1.403	1.447	-	-3.1	20	113	0
4-Chlorophenyl phenyl ethe	0.651	0.642	-	1.4	20	106	0
4-Nitroaniline	0.272	0.397	-	-46*	20	166	0
4,6-Dinitro-o-cresol	5	8.031	-	-60.6*	20	209	0
NDPA/DPA	1.162	1.212	-	-4.3	20	114	0
Azobenzene	1.209	1.191	-	1.5	20	107	0
2,4,6-Tribromophenol	0.198	0.227	-	-14.6	20	126	0
4-Bromophenyl phenyl ether	0.378	0.39	-	-3.2	20	112	0
Hexachlorobenzene	0.447	0.462	-	-3.4	20	114	0
Pentachlorophenol	0.261	0.281	-	-7.7	20	120	0
IS1_Phenanthrene-d10	1	1	-	0	20	115	0
Phenanthrene	1.104	1.079	-	2.3	20	116	0
Anthracene	1.11	1.101	-	0.8	20	116	0
Carbazole	1.036	1.045	-	-0.9	20	121	0
Di-n-butylphthalate	1.255	1.281	-	-2.1	20	123	0
Fluoranthene	1.219	1.237	-	-1.5	20	120	0
Benzidine	0.86	0.892	-	-3.7	20	123	0
Pyrene	1.257	1.315	-	-4.6	20	122	0
4-Terphenyl-d14	0.925	0.966	-	-4.4	20	122	0
Butyl benzyl phthalate	0.487	0.559	-	-14.8	20	139	0
IS1_Chrysene-d12	1	1	-	0	20	116	0
Benzo(a)anthracene	1.278	1.311	-	-2.6	20	120	0
3,3'-Dichlorobenzidine	0.489	0.502	-	-2.7	20	119	0
Chrysene	1.205	1.26	-	-4.6	20	123	0
Bis(2-ethylhexyl)phthalate	0.789	0.928	-	-17.6	20	135	0
Di-n-octylphthalate	1.397	1.557	-	-11.5	20	131	0
Benzo(b)fluoranthene	1.245	1.463	-	-17.5	20	138	0
Benzo(k)fluoranthene	1.234	1.184	-	4.1	20	107	0
Benzo(a)pyrene	1.114	1.183	-	-6.2	20	122	0
IS1_Perylene-d12	1	1	-	0	20	126	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser		Lab Number	: L2308471	
Project Name	: TOT2202		Project Number	: TOT2202	
Instrument ID	: BUFFY		Calibration Date	: 02/23/23 20:37	
Lab File ID	: ABN0223NB		Init. Calib. Date(s)	: 01/05/23	01/06/23
Sample No	: WG1748006-3		Init. Calib. Times	: 11:16	00:06
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)	
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	99	0	
n-Nitrosodimethylamine	0.705	0.928	-	-31.6*	20	132	0	NT
Pyridine	1.146	1.641	-	-43.2*	20	143	0	NT
2-Fluorophenol	1.121	1.401	-	-25*	20	120	0	NT
Aniline	1.954	2.297	-	-17.6	20	115	0	
2-Chlorophenol	1.375	1.542	-	-12.1	20	108	0	
Phenol-d6	1.456	1.78	-	-22.3*	20	118	0	
Phenol	1.696	1.899	-	-12	20	109	0	
Bis(2-chloroethyl)ether	1.164	1.336	-	-14.8	20	113	0	
1,3-Dichlorobenzene	1.474	1.633	-	-10.8	20	110	0	
1,4-Dichlorobenzene	1.535	1.683	-	-9.6	20	108	0	
1,2-Dichlorobenzene	1.477	1.63	-	-10.4	20	109	0	
Benzyl alcohol	1.058	1.273	-	-20.3*	20	116	0	
Bis(2-chloroisopropyl)ethe	1.822	1.688	-	7.4	20	92	0	
2-Methylphenol	1.228	1.439	-	-17.2	20	114	0	
Hexachloroethane	0.594	0.643	-	-8.2	20	108	0	
n-Nitrosodi-n-propylamine	0.944	1.13	-	-19.7	20	117	0	
3-Methylphenol/4-Methylphe	1.317	1.568	-	-19.1	20	117	0	
Nitrobenzene-d5	1.292	1.642	-	-27.1*	20	120	0	
Nitrobenzene	1.33	1.627	-	-22.3*	20	116	0	
Isophorone	2.597	3.028	-	-16.6	20	115	0	
2-Nitrophenol	0.701	0.892	-	-27.2*	20	120	0	
2,4-Dimethylphenol	1.333	1.523	-	-14.3	20	111	0	
Bis(2-chloroethoxy)methane	1.61	1.939	-	-20.4*	20	117	0	
2,4-Dichlorophenol	1.216	1.384	-	-13.8	20	107	0	
1,2,4-Trichlorobenzene	1.36	1.451	-	-6.7	20	105	0	
IS1_Naphthalene-d8	1	1	-	0	20	101	0	
Naphthalene	1.026	1.07	-	-4.3	20	106	0	
Benzoic Acid	50	47.251	-	5.5	20	97	.05	
4-Chloroaniline	0.114	0.127	-	-11.4	20	111	0	
Hexachlorobutadiene	0.178	0.177	-	0.6	20	99	0	
p-Chloro-m-cresol	0.277	0.329	-	-18.8	20	116	0	
2-Methylnaphthalene	0.66	0.705	-	-6.8	20	107	0	
1-Methylnaphthalene	0.211	0.218	-	-3.3	20	103	0	
Hexachlorocyclopentadiene	50	41.569	-	16.9	20	89	0	
2,4,6-Trichlorophenol	0.218	0.237	-	-8.7	20	104	0	
2,4,5-Trichlorophenol	0.234	0.254	-	-8.5	20	105	0	
2-Fluorobiphenyl	0.769	0.802	-	-4.3	20	105	0	
2-Chloronaphthalene	0.679	0.713	-	-5	20	104	0	
2-Nitroaniline	0.213	0.271	-	-27.2*	20	121	.01	
1,4-Dinitrobenzene	0.076	0.111	-	-46.1*	20	128	0	NT
1,3-Dinitrobenzene	50	59.314	-	-18.6	20	118	.01	
Dimethyl phthalate	0.809	0.857	-	-5.9	20	105	.01	

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser		Lab Number	: L2308471	
Project Name	: TOT2202		Project Number	: TOT2202	
Instrument ID	: BUFFY		Calibration Date	: 02/23/23 20:37	
Lab File ID	: ABN0223NB		Init. Calib. Date(s)	: 01/05/23	01/06/23
Sample No	: WG1748006-3		Init. Calib. Times	: 11:16	00:06
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)	
Acenaphthylene	1.093	1.242	-	-13.6	20	113	0	
2,6-Dinitrotoluene	0.165	0.187	-	-13.3	20	107	0	
1,2-Dinitrobenzene	0.06	0.075	-	-25*	20	112	.01	
IS1_Acenaphthene-d10	1	1	-	0	20	103	0	
3-Nitroaniline	0.328	0.401	-	-22.3*	20	118	.01	
Acenaphthene	1.139	1.149	-	-0.9	20	106	0	
2,4-Dinitrophenol	50	58.197	-	-16.4	20	126	0	
Dibenzofuran	1.723	1.817	-	-5.5	20	107	0	
2,4-Dinitrotoluene	0.377	0.46	-	-22*	20	113	0	
4-Nitrophenol	0.227	0.258	-	-13.7	20	111	0	
2,3,5,6-Tetrachlorophenol	0.337	0.35	-	-3.9	20	101	0	
2,3,4,6-Tetrachlorophenol	0.347	0.378	-	-8.9	20	109	0	
Diethyl phthalate	1.482	1.564	-	-5.5	20	107	0	
Fluorene	1.41	1.46	-	-3.5	20	106	0	
4-Chlorophenyl phenyl ethe	0.657	0.661	-	-0.6	20	101	0	
4-Nitroaniline	0.326	0.412	-	-26.4*	20	119	.02	
4,6-Dinitro-o-cresol	50	64.362	-	-28.7*	20	136	0	
NDPA/DPA	1.189	1.246	-	-4.8	20	107	0	
Azobenzene	1.317	1.502	-	-14	20	118	0	
2,4,6-Tribromophenol	0.224	0.314	-	-40.2*	20	142	0	NT
4-Bromophenyl phenyl ether	0.414	0.438	-	-5.8	20	108	0	
Hexachlorobenzene	0.496	0.547	-	-10.3	20	116	0	
Pentachlorophenol	50	51.662	-	-3.3	20	110	0	
IS1_Phenanthrene-d10	1	1	-	0	20	107	0	
Phenanthrene	1.044	1.018	-	2.5	20	106	0	
Anthracene	1.056	1.057	-	-0.1	20	108	.01	
Carbazole	0.999	1.025	-	-2.6	20	111	0	
Di-n-butylphthalate	1.225	1.297	-	-5.9	20	110	0	
Fluoranthene	1.191	1.15	-	3.4	20	104	0	
Benzidine	0.797	0.815	-	-2.3	20	108	0	
Pyrene	1.248	1.215	-	2.6	20	105	0	
4-Terphenyl-d14	0.956	0.929	-	2.8	20	104	0	
Butyl benzyl phthalate	0.528	0.607	-	-15	20	116	.01	
IS1_Chrysene-d12	1	1	-	0	20	102	.02	
Benzo(a)anthracene	1.341	1.319	-	1.6	20	101	.01	
3,3'-Dichlorobenzidine	0.526	0.566	-	-7.6	20	105	.01	
Chrysene	1.253	1.302	-	-3.9	20	106	.02	
Bis(2-ethylhexyl)phthalate	0.858	1.068	-	-24.5*	20	119	0	
Di-n-octylphthalate	1.436	1.842	-	-28.3*	20	119	.01	
Benzo(b)fluoranthene	1.359	1.536	-	-13	20	120	.02	
Benzo(k)fluoranthene	1.286	1.353	-	-5.2	20	102	.02	
Benzo(a)pyrene	1.165	1.401	-	-20.3*	20	121	.02	
IS1_Perylene-d12	1	1	-	0	20	125	.02	

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser		Lab Number	: L2308471	
Project Name	: TOT2202		Project Number	: TOT2202	
Instrument ID	: BUFFY		Calibration Date	: 02/23/23 21:25	
Lab File ID	: ADP0223N		Init. Calib. Date(s)	: 01/05/23	01/06/23
Sample No	: WG1748006-5		Init. Calib. Times	: 11:16	00:06
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)	
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	100	0	
1,4-Dioxane	50	64.249	-	-28.5*	20	129	0	
n-Decane	1.27	1.217	-	4.2	20	98	0	
IS3_Acenaphthene-d10	1	1	-	0	20	101	0	
Atrazine	0.36	0.374	-	-3.9	20	98	0	
IS3_Phenanthrene-d10	1	1	-	0	20	100	0	
n-Octadecane	0.434	0.407	-	6.2	20	90	0	
Parathion	50	63.126	-	-26.3*	20	135	0	NT
3,3'-Dimethylbenzidine	50	47.858	-	4.3	20	98	0	

* Value outside of QC limits.

Form 7
Laboratory Control Sample

Client	: P. W. Grosser	Lab Number	: L2308471
Project Name	: TOT2202	Project Number	: TOT2202
Client Sample ID	: NA	Matrix	: WATER
Lab Sample ID	: WG1746128-2	LCS Analysis Date	: 02/20/23 12:13
Dup Sample ID	:	LCSD Analysis Date	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (mg/l)	Found (mg/l)	%R	True (mg/l)	Found (mg/l)	%R	RPD	Recovery Limits	RPD Limit
Aluminum, Total	2.00	2.04	102.					80-120	20
Antimony, Total	0.500	0.438	88.					80-120	20
Arsenic, Total	0.120	0.115	96.					80-120	20
Barium, Total	2.00	1.95	98.					80-120	20
Beryllium, Total	0.0500	0.0478	96.					80-120	20
Cadmium, Total	0.0530	0.0528	100.					80-120	20
Chromium, Total	0.200	0.186	93.					80-120	20
Cobalt, Total	0.500	0.467	93.					80-120	20
Copper, Total	0.250	0.235	94.					80-120	20
Iron, Total	1.00	0.953	95.					80-120	20
Magnesium, Total	10.0	9.99	100.					80-120	20
Manganese, Total	0.500	0.477	95.					80-120	20
Nickel, Total	0.500	0.458	92.					80-120	20
Potassium, Total	10.0	9.56	96.					80-120	20
Selenium, Total	0.120	0.117	98.					80-120	20
Silver, Total	0.0500	0.0455	91.					80-120	20
Thallium, Total	0.120	0.184	153. Q					80-120	20
Vanadium, Total	0.500	0.455	91.					80-120	20
Zinc, Total	0.500	0.465	93.					80-120	20

Form 1
METALS

Client	: P. W. Grosser	Lab Number	: L2308471
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: WG1746218-1	Date Collected	: NA
Client ID	: WG1746218-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 02/22/23 07:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,6010D	Analyst	: EGW
Lab File ID	: WG1747194.pdf	Instrument ID	: TRACE4
Sample Amount	: 1.25g	%Solids	: NA
Digestion Method	: EPA 3050B	Date Digested	: 02/20/23

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	ND	4.00	1.08	U
7440-36-0	Antimony, Total	ND	2.00	0.152	U
7440-38-2	Arsenic, Total	ND	0.400	0.083	U
7440-39-3	Barium, Total	ND	0.400	0.070	U
7440-41-7	Beryllium, Total	ND	0.200	0.013	U
7440-43-9	Cadmium, Total	ND	0.400	0.039	U
7440-70-2	Calcium, Total	ND	4.00	1.40	U
7440-47-3	Chromium, Total	ND	0.400	0.038	U
7440-48-4	Cobalt, Total	ND	0.800	0.066	U
7440-50-8	Copper, Total	ND	0.400	0.103	U
7439-89-6	Iron, Total	ND	2.00	0.361	U
7439-92-1	Lead, Total	ND	2.00	0.107	U
7439-95-4	Magnesium, Total	ND	4.00	0.616	U
7439-96-5	Manganese, Total	ND	0.400	0.064	U
7440-02-0	Nickel, Total	ND	1.00	0.097	U
7440-09-7	Potassium, Total	ND	100	5.76	U
7782-49-2	Selenium, Total	ND	0.800	0.103	U
7440-22-4	Silver, Total	ND	0.200	0.113	U
7440-23-5	Sodium, Total	4.12	80.0	1.26	J
7440-28-0	Thallium, Total	ND	0.800	0.126	U
7440-62-2	Vanadium, Total	ND	0.400	0.081	U
7440-66-6	Zinc, Total	ND	2.00	0.117	U

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

DATA USABILITY SUMMARY REPORT (DUSR)

NYS Brownsfield
737 4th Avenue
Brooklyn, NY
Project # TOT2202

SDG: L2308472
1 Soil Sample

Prepared for:

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia, NY 11716
Attention: Jennifer Lewis

March 2023

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

Table of Contents

Page No.

REVIEWER'S NARRATIVE

1.0 SUMMARY 1

2.0 INTRODUCTION 1

3.0 SAMPLE AND ANALYSIS SUMMARY 2

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA 2

5.0 DATA VALIDATION QUALIFIERS 3

6.0 RESULTS OF THE DATA REVIEW 4

7.0 TOTAL USABLE DATA 4

APPENDIX A Validated Analytical Results
APPENDIX B Laboratory QC Documentation
APPENDIX C Validator Qualifications

Tables

Table 4-1 Data Validation Guidance Documents
Table 4-2 Quality Control Criteria for Validating Laboratory Analytical Data

Summaries of Validated Results
Table 6-1 SVOCs-Scan
Table 6-2 ICP Metals
Table 6-3 Mercury

REVIEWER'S NARRATIVE
PWGC SDG L2308472: TOT2202

The data associated with this Sample Delivery Group (SDG) L2308472, analyzed by Alpha Analytical, Westborough, MA have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 3/25/2023

Michael K. Perry
Chemist

1.0 EVENT SUMMARY

SITE:	737 4th Avenue Brooklyn, NY Project #: TOT2202
SAMPLING DATE:	February 16, 2023
SAMPLE TYPE:	1 soil sample
LABORATORY:	Alpha Analytical Westborough, MA
SDG No.:	L2308472

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYS IS SUMMARY

The data package consists of analytical results for 10 samples collected on February 16, 2023. However, at the client's request only sample PDI025_7 was validated. This sample was analyzed for Semi-volatile Organic Compounds (SVOCs) and Metals.

All laboratory analyses were submitted to Alpha Analytical, Westborough, MA and analyzed as SDG L2308472. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC	January 2021
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)
Completeness of Pkg
Sample Preservation
Holding Time
Canister Certification
Instrument Tuning
Initial Calibration and Instrument Performance
Daily Calibration
Blanks
Lab Control Sample
Field Duplicate

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the analytical data review are summarized in Tables 6-1 through 6-3. The tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG L2308472, one sample was analyzed and results were reported for 94 analytes. One analye was rejected. Even though some results were flagged with a "J" as estimated, all other results (98.9 %) are considered usable. See the summary table for the analyses that have been rejected and qualified and the associated QC reasons.

NOTE: 1) There was no CRDL Standard present for the Metals analyses. This adds an element of uncertainty to the analytical results. Although not specifically indicated on the final data sheets with a "J" flag, the analytical results should be considered estimated, but usable.

Table 6-1 SVOCs - Scan

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
PDI025_7	4-Chloroaniline	J detects UJ non-detects	LCS rec < QC limit	Data are estimated
PDI025_7	Bis(2-chloroisopropyl)ether	J detects UJ non-detects	CCV > QC limit and/or LCS rec < QC limit	Data are estimated

Table 6-2 ICP Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
PDI025_7	Ba	R data	Dup % D > 120%	Data are rejected
PDI025_7	Ca and Mg	J detects	Dup % D > QC limit	Data are estimated
PDI025_7	Pb	J- detects UJ non-detects	MS rec < QC limit	Data are biased low

Table 6-3 Mercury

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
PDI025_7	Hg	J detects	Dup % D > QC limit	Data are estimated

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

www.alphalab.com



Alpha Analytical

Laboratory Code: 11148

SDG Number: L2308472

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.

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2308472
Report Date: 03/02/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2308472-01	PDI015_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:23	02/16/23
L2308472-02	PDI025_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 10:45	02/16/23
L2308472-03	PDI017_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:27	02/16/23
L2308472-04	PDI017_9	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 09:31	02/16/23
L2308472-05	PDI016_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 09:00	02/16/23
L2308472-06	PDI022_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 07:47	02/16/23
L2308472-07	PDI022_9	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 07:49	02/16/23
L2308472-08	PDI023_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:08	02/16/23
L2308472-09	PDI023_9	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:10	02/16/23
L2308472-10	PDI024_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/16/23 08:36	02/16/23

Case Narrative (continued)

Report Submission

March 02, 2023: This final report includes the results of all requested analyses.

February 28, 2023: This is a preliminary report.

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

Sample Receipt

The analyses performed were specified by the client.

Total Metals

L2308472-02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1748313-3 MS recoveries for aluminum (510%), calcium (0%), iron (469%), magnesium (0%), and zinc (0%), performed on L2308472-02, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1748313-3 MS recoveries, performed on L2308472-02, are outside the acceptance criteria for barium (1%) and lead (0%). A post digestion spike was performed and was within acceptance criteria.

The WG1748313-4 Laboratory Duplicate RPDs for arsenic (29%), barium (122%), calcium (40%), cobalt (27%), lead (93%), magnesium (38%), manganese (26%), potassium (25%), and zinc (92%), performed on L2308472-02, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

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: Melissa Sturgis Report Date: 03/02/23

Title: Technical Director/Representative

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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: 2/16/23

ALPHA Job #: L2308472

Client Information
Client: P.W Grosser Consulting Inc.
Address: 630 Johnson Ave, Suite 7 Bohemia, NY 11716
Phone: 631-589-6353
Fax:
Email: jennifer@pwgrosser.com

Project Information
Project Name: TOJ202
Project Location: 7374th Ave, Brooklyn, NY
Project #
(Use Project name as Project #) [x]
Project Manager: Jennifer Lewis, PG
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Billing Information
[X] Same as Client Info
PO #

Regulatory Requirement
[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

HOLD ALL SAMPLES

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-6270	Total Hg (Total Metals)	Sample Specific Comments	Total Bottle
08472-01	PDI015_7	02.16.23	10:23	S	DC	X	X		2
02	PDI023_7	02.16.23	10:45			X	X		
03	PDI017_7		09:27			X	X		
04	PDI017_9		09:31			X	X		
05	PDI016_7		09:00			X	X		
06	PDI022_7		07:47			X	X		
07	PDI022_9		07:49			X	X		
08	PDI023_7		08:08			X	X		
09	PDI023_9		08:10			X	X		
10	PDI024_7		08:36			X	X		

Container Type: A A
Preservative: A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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

Relinquished By:	Date/Time	Received By:	Date/Time
DChase	02.16.23 14:20		
	2/16/23 17:00		2/16/23 19:30
	2/16/23 21:30		2/16/23 21:30
	2/16/23 23:30		2/16/23 23:30

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Semivolatiles Data- Method 8270D

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308472
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308472-02	Date Collected	: 02/16/23 10:45
Client ID	: PDI025_7	Date Received	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/28/23 14:13
Sample Matrix	: SOIL	Date Extracted	: 02/27/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 08472-02	Analyst	: IM
Sample Amount	: 30.14 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	ND	150	19.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	190	21.	U	
118-74-1	Hexachlorobenzene	ND	110	21.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U	
91-58-7	2-Chloronaphthalene	ND	190	18.	U	
95-50-1	1,2-Dichlorobenzene	ND	190	34.	U	
541-73-1	1,3-Dichlorobenzene	ND	190	32.	U	
106-46-7	1,4-Dichlorobenzene	ND	190	33.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	190	50.	U	
121-14-2	2,4-Dinitrotoluene	ND	190	37.	U	
606-20-2	2,6-Dinitrotoluene	ND	190	32.	U	
206-44-0	Fluoranthene	87	110	21.	J	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	190	28.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U	UJ
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U	
87-68-3	Hexachlorobutadiene	ND	190	27.	U	
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U	
67-72-1	Hexachloroethane	ND	150	30.	U	
78-59-1	Isophorone	ND	170	24.	U	
91-20-3	Naphthalene	ND	190	23.	U	
98-95-3	Nitrobenzene	ND	170	28.	U	

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308472
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308472-02	Date Collected	: 02/16/23 10:45
Client ID	: PDI025_7	Date Received	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/28/23 14:13
Sample Matrix	: SOIL	Date Extracted	: 02/27/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 08472-02	Analyst	: IM
Sample Amount	: 30.14 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	65.	U
85-68-7	Butyl benzyl phthalate	ND	190	47.	U
84-74-2	Di-n-butylphthalate	ND	190	35.	U
117-84-0	Di-n-octylphthalate	ND	190	64.	U
84-66-2	Diethyl phthalate	ND	190	17.	U
131-11-3	Dimethyl phthalate	ND	190	39.	U
56-55-3	Benzo(a)anthracene	54	110	21.	J
50-32-8	Benzo(a)pyrene	59	150	46.	J
205-99-2	Benzo(b)fluoranthene	61	110	31.	J
207-08-9	Benzo(k)fluoranthene	30	110	30.	J
218-01-9	Chrysene	49	110	19.	J
208-96-8	Acenaphthylene	ND	150	29.	U
120-12-7	Anthracene	ND	110	36.	U
191-24-2	Benzo(ghi)perylene	36	150	22.	J
86-73-7	Fluorene	ND	190	18.	U
85-01-8	Phenanthrene	38	110	23.	J
53-70-3	Dibenzo(a,h)anthracene	ND	110	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	36	150	26.	J
129-00-0	Pyrene	ND	110	18.	U
92-52-4	Biphenyl	ND	420	24.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2308472
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308472-02	Date Collected	: 02/16/23 10:45
Client ID	: PDI025_7	Date Received	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/28/23 14:13
Sample Matrix	: SOIL	Date Extracted	: 02/27/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 08472-02	Analyst	: IM
Sample Amount	: 30.14 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
106-47-8	4-Chloroaniline	ND	190	34.	U	UJ
88-74-4	2-Nitroaniline	ND	190	36.	U	
99-09-2	3-Nitroaniline	ND	190	35.	U	
100-01-6	4-Nitroaniline	ND	190	77.	U	
132-64-9	Dibenzofuran	ND	190	18.	U	
91-57-6	2-Methylnaphthalene	ND	220	22.	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U	
98-86-2	Acetophenone	ND	190	23.	U	
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U	
59-50-7	p-Chloro-m-cresol	ND	190	28.	U	
95-57-8	2-Chlorophenol	ND	190	22.	U	
120-83-2	2,4-Dichlorophenol	ND	170	30.	U	
105-67-9	2,4-Dimethylphenol	ND	190	62.	U	
88-75-5	2-Nitrophenol	ND	400	70.	U	
100-02-7	4-Nitrophenol	ND	260	76.	U	
51-28-5	2,4-Dinitrophenol	ND	900	87.	U	
534-52-1	4,6-Dinitro-o-cresol	ND	480	90.	U	
87-86-5	Pentachlorophenol	ND	150	41.	U	
108-95-2	Phenol	ND	190	28.	U	
95-48-7	2-Methylphenol	ND	190	29.	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U	
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U	

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2308472
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2308472-02	**Date Collected**	: 02/16/23 10:45
Client ID	: PDI025_7	**Date Received**	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/28/23 14:13
Sample Matrix	: SOIL	**Date Extracted**	: 02/27/23
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 08472-02	**Analyst**	: IM
Sample Amount	: 30.14 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 89
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	600	190	U
100-51-6	Benzyl Alcohol	ND	190	57.	U
86-74-8	Carbazole	ND	190	18.	U
123-91-1	1,4-Dioxane	ND	28	8.6	U

Inorganic Data
(ICP Analysis)

Form 1
METALS

Client	: P. W. Grosser	Lab Number	: L2308472
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308472-02	Date Collected	: 02/16/23 10:45
Client ID	: PDI025_7	Date Received	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/28/23 12:21
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: EGW
Lab File ID	: WG1749318.pdf	Instrument ID	: TRACE6
Sample Amount	: 1.28g	%Solids	: 89
Digestion Method	: EPA 3050B	Date Digested	: 02/28/23

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	6190	8.80	2.38	
7440-36-0	Antimony, Total	0.890	4.40	0.334	J
7440-38-2	Arsenic, Total	3.83	0.880	0.183	
7440-39-3	Barium, Total	214	0.880	0.153	R
7440-41-7	Beryllium, Total	0.458	0.440	0.029	
7440-43-9	Cadmium, Total	0.710	0.880	0.086	J
7440-70-2	Calcium, Total	16300	8.80	3.08	J
7440-47-3	Chromium, Total	11.4	0.880	0.084	
7440-48-4	Cobalt, Total	4.46	1.76	0.146	
7440-50-8	Copper, Total	22.4	0.880	0.227	
7439-89-6	Iron, Total	11700	4.40	0.794	
7439-92-1	Lead, Total	154	4.40	0.236	J-
7439-95-4	Magnesium, Total	3720	8.80	1.35	J
7439-96-5	Manganese, Total	235	0.880	0.140	
7440-02-0	Nickel, Total	11.5	2.20	0.213	
7440-09-7	Potassium, Total	1330	220	12.7	
7782-49-2	Selenium, Total	ND	1.76	0.227	U
7440-22-4	Silver, Total	ND	0.440	0.249	U
7440-23-5	Sodium, Total	150	176	2.77	J
7440-28-0	Thallium, Total	ND	1.76	0.277	U
7440-62-2	Vanadium, Total	20.2	0.880	0.178	
7440-66-6	Zinc, Total	330	4.40	0.258	

MKP 3/25/2023

Inorganic Data
(Mercury Analysis)

Form 1
METALS

Client	: P. W. Grosser	Lab Number	: L2308472
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2308472-02	Date Collected	: 02/16/23 10:45
Client ID	: PDI025_7	Date Received	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/28/23 10:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: ZNK
Lab File ID	: WG1749421.pdf	Instrument ID	: NIC3
Sample Amount	: 0.341g	%Solids	: 89
Digestion Method	: EPA 7471B	Date Digested	: 02/28/23

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.059	0.083	0.054	J J

MKP 3/25/2023

Total Solids / Percent Moisture Analysis

No data validation qualifiers were added

MKP 3/25/2023

Appendix B

Laboratory QC Documentation

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2308472
Project Name	: TOT2202	**Project Number**	: TOT2202
Matrix	: SOIL		
LCS Sample ID	: WG1749027-2	**Analysis Date** : 02/28/23 12:09	**File ID** : 749027-2
LCSD Sample ID	: WG1749027-3	**Analysis Date** : 02/28/23 12:25	**File ID** : 749027-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R		True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Di-n-butylphthalate	1300	1100	86		1300	1000	76	12	40-140	50
Di-n-octylphthalate	1300	1300	102		1300	1200	91	11	40-140	50
Diethyl phthalate	1300	1100	82		1300	960	72	13	40-140	50
Dimethyl phthalate	1300	1100	83		1300	930	70	17	40-140	50
Benzo(a)anthracene	1300	1100	80		1300	950	72	11	40-140	50
Benzo(a)pyrene	1300	1200	94		1300	1100	84	11	40-140	50
Benzo(b)fluoranthene	1300	1200	87		1300	1000	78	11	40-140	50
Benzo(k)fluoranthene	1300	1200	91		1300	1100	83	9	40-140	50
Chrysene	1300	1000	80		1300	940	71	12	40-140	50
Acenaphthylene	1300	1100	81		1300	930	70	15	40-140	50
Anthracene	1300	1100	82		1300	950	72	13	40-140	50
Benzo(ghi)perylene	1300	1100	81		1300	970	73	10	40-140	50
Fluorene	1300	1000	78		1300	940	71	9	40-140	50
Phenanthrene	1300	1000	78		1300	920	69	12	40-140	50
Dibenzo(a,h)anthracene	1300	1000	80		1300	960	72	11	40-140	50
Indeno(1,2,3-cd)pyrene	1300	1200	87		1300	1000	80	8	40-140	50
Pyrene	1300	1200	88		1300	990	75	16	35-142	50
Biphenyl	1300	1000	79		1300	920	70	12	37-127	50
4-Chloroaniline	1300	420	32	Q	1300	400	30	Q 6	40-140	50
2-Nitroaniline	1300	1400	104		1300	1100	85	20	47-134	50
3-Nitroaniline	1300	780	59		1300	700	53	11	26-129	50
4-Nitroaniline	1300	1200	94		1300	1100	81	15	41-125	50
Dibenzofuran	1300	1000	80		1300	940	71	12	40-140	50
2-Methylnaphthalene	1300	1000	78		1300	920	69	12	40-140	50
1,2,4,5-Tetrachlorobenzene	1300	1100	80		1300	950	72	11	40-117	50
Acetophenone	1300	1000	76		1300	890	67	13	14-144	50

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser		Lab Number	: L2308472	
Project Name	: TOT2202		Project Number	: TOT2202	
Instrument ID	: SV103		Calibration Date	: 02/28/23 10:19	
Lab File ID	: ABN0228		Init. Calib. Date(s)	: 12/09/22	12/10/22
Sample No	: WG1749458-3		Init. Calib. Times	: 14:41	03:10
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	78	0
n-Nitrosodimethylamine	0.959	0.785	-	18.1	20	63	0
Pyridine	1.61	1.327	-	17.6	20	62	0
2-Fluorophenol	1.314	1.389	-	-5.7	20	81	0
Aniline	2.128	2.28	-	-7.1	20	83	0
2-Chlorophenol	1.484	1.487	-	-0.2	20	78	0
Phenol-d6	1.644	1.768	-	-7.5	20	84	0
Phenol	1.802	1.892	-	-5	20	82	0
Bis(2-chloroethyl)ether	1.449	1.332	-	8.1	20	73	0
1,3-Dichlorobenzene	1.564	1.572	-	-0.5	20	80	0
1,4-Dichlorobenzene	1.635	1.583	-	3.2	20	77	0
1,2-Dichlorobenzene	1.536	1.523	-	0.8	20	79	0
Benzyl alcohol	1.272	1.277	-	-0.4	20	74	0
Bis(2-chloroisopropyl)ethe	2.546	1.142	-	55.1*	20	35	0
2-Methylphenol	1.336	1.401	-	-4.9	20	81	0
Hexachloroethane	0.746	0.618	-	17.2	20	66	0
n-Nitrosodi-n-propylamine	1.208	1.06	-	12.3	20	67	0
3-Methylphenol/4-Methylphe	1.395	1.468	-	-5.2	20	80	0
Nitrobenzene-d5	1.71	1.579	-	7.7	20	70	0
Nitrobenzene	1.755	1.613	-	8.1	20	70	0
Isophorone	3.221	2.977	-	7.6	20	72	0
2-Nitrophenol	0.804	0.806	-	-0.2	20	75	0
2,4-Dimethylphenol	1.596	1.545	-	3.2	20	75	0
Bis(2-chloroethoxy)methane	1.912	1.765	-	7.7	20	70	0
2,4-Dichlorophenol	1.19	1.215	-	-2.1	20	77	0
1,2,4-Trichlorobenzene	1.254	1.241	-	1	20	77	0
IS1_Naphthalene-d8	1	1	-	0	20	75	0
Naphthalene	1.025	1.041	-	-1.6	20	77	0
Benzoic Acid	0.294	0.291	-	1	20	69	0
4-Chloroaniline	0.148	0.124	-	16.2	20	61	0
Hexachlorobutadiene	0.168	0.165	-	1.8	20	76	0
p-Chloro-m-cresol	0.327	0.314	-	4	20	72	0
2-Methylnaphthalene	0.649	0.629	-	3.1	20	74	0
1-Methylnaphthalene	0.251	0.224	-	10.8	20	69	0
Hexachlorocyclopentadiene	50	48.197	-	3.6	20	76	0
2,4,6-Trichlorophenol	0.188	0.202	-	-7.4	20	79	0
2,4,5-Trichlorophenol	0.198	0.218	-	-10.1	20	79	0
2-Fluorobiphenyl	0.68	0.689	-	-1.3	20	77	0
2-Chloronaphthalene	0.637	0.627	-	1.6	20	74	0
2-Nitroaniline	0.23	0.235	-	-2.2	20	73	0
1,4-Dinitrobenzene	0.1	0.104	-	-4	20	78	0
1,3-Dinitrobenzene	0.107	0.113	-	-5.6	20	76	0
Dimethyl phthalate	0.806	0.75	-	6.9	20	71	0

* Value outside of QC limits.

Form 5a
Matrix Spike

Client	: P. W. Grosser	Lab Number	: L2308472
Project Name	: TOT2202	Project Number	: TOT2202
Client Sample ID	: PDI025_7	Matrix	: SOIL
Lab Sample ID	: L2308472-02		
Matrix Spike	: WG1748313-3	MS Analysis Date	: 02/28/23 12:26
Matrix Spike Dup	:	MSD Analysis Date	:

		Matrix Spike Sample				Matrix Spike Duplicate					
Parameter	Sample Conc. (mg/kg)	Spike Added (mg/kg)	Spike Conc. (mg/kg)	%R		Spike Added (mg/kg)	Spike Conc. (mg/kg)	%R	RPD	Recovery Limits	RPD Limit
Aluminum, Total	6190	171 *	7060	510	Q					75-125	20
Antimony, Total	0.890J	42.6	42.3	99						75-125	20
Arsenic, Total	3.83	10.2	15.3	112						75-125	20
Barium, Total	214	171	216	1	Q					75-125	20
Beryllium, Total	0.458	4.26	4.78	101						75-125	20
Cadmium, Total	0.710J	4.52	4.91	108						75-125	20
Calcium, Total	16300	853 *	12000	0	Q					75-125	20
Chromium, Total	11.4	17.1	28.7	101						75-125	20
Cobalt, Total	4.46	42.6	45.9	97						75-125	20
Copper, Total	22.4	21.3	45.5	108						75-125	20
Iron, Total	11700	85.3 *	12100	469	Q					75-125	20
Lead, Total	154	45.2	95.6	0	Q					75-125	20
Magnesium, Total	3720	853 *	3460	0	Q					75-125	20
Manganese, Total	235	42.6	285	117						75-125	20
Nickel, Total	11.5	42.6	55.1	102						75-125	20
Potassium, Total	1330	853	1990	77						75-125	20
Selenium, Total	ND	10.2	9.53	93						75-125	20
Silver, Total	ND	4.26	4.10	96						75-125	20
Sodium, Total	150J	853	995	117						75-125	20
Thallium, Total	ND	10.2	10.0	98						75-125	20
Vanadium, Total	20.2	42.6	61.6	97						75-125	20
Zinc, Total	330	42.6 *	148	0	Q					75-125	20

*Spike amount added < 4X sample amount detected

Form 6
Lab Duplicates

Client	: P. W. Grosser	Lab Number	: L2308472
Project Name	: TOT2202	Project Number	: TOT2202
Client Sample ID	: PDI025_7	Matrix	: SOIL
Lab Sample ID	: L2308472-02	Analysis Date	: 02/28/23 12:21
Dup Sample ID	: WG1748313-4	DUP Analysis Date	: 02/28/23 12:30

Parameter	Sample Concentration (mg/kg)	Duplicate Concentration (mg/kg)	RPD	RPD Limit
Aluminum, Total	6190	6030	3	20
Antimony, Total	0.890J	0.908J	NC	20
Arsenic, Total	3.83	5.13	29 Q	20
Barium, Total	214	51.5	122 Q	20
Beryllium, Total	0.458	0.481	5	20
Cadmium, Total	0.710J	0.467J	NC	20
Calcium, Total	16300	10900	40 Q	20
Chromium, Total	11.4	11.2	2	20
Cobalt, Total	4.46	5.83	27 Q	20
Copper, Total	22.4	25.5	13	20
Iron, Total	11700	13000	11	20
Lead, Total	154	56.2	93 Q	20
Magnesium, Total	3720	2530	38 Q	20
Manganese, Total	235	304	26 Q	20
Nickel, Total	11.5	13.8	18	20
Potassium, Total	1330	1030	25 Q	20
Selenium, Total	ND	ND	NC	20
Silver, Total	ND	ND	NC	20
Sodium, Total	150J	138J	NC	20
Thallium, Total	ND	ND	NC	20
Vanadium, Total	20.2	20.2	0	20
Zinc, Total	330	122	92 Q	20

Form 6
Lab Duplicates

Client	: P. W. Grosser	**Lab Number**	: L2308472
Project Name	: TOT2202	**Project Number**	: TOT2202
Client Sample ID	: PDI025_7	**Matrix**	: SOIL
Lab Sample ID	: L2308472-02	**Analysis Date**	: 02/28/23 10:49
Dup Sample ID	: WG1749283-4	**DUP Analysis Date**	: 02/28/23 10:56

Parameter	Sample Concentration (mg/kg)	Duplicate Concentration (mg/kg)		RPD	RPD Limit
Mercury, Total	0.059J	0.095	53 %	NC	20

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

Form 1
WETCHEM

Client	: P. W. Grosser	**Lab Number**	: L2308472
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2308472-02	**Date Collected**	: 02/16/23 10:45
Client ID	: PDI025_7	**Date Received**	: 02/16/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/28/23 03:23
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: MAA
Lab File ID	: WG1749289.pdf	**Instrument ID**	: BALANCE#53
Sample Amount	:	**%Solids**	: 89
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**88.8**	**0.100**	**NA**	

DATA USABILITY SUMMARY REPORT (DUSR)

NYS Brownsfield
737 4th Avenue
Brooklyn, NY
Project # TOT2202

SDG: L2307987
2 Soil Samples and an Equipment Blank

Prepared for:

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia, NY 11716
Attention: Jennifer Lewis

March 2023

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

Table of Contents

Page No.

REVIEWER'S NARRATIVE

1.0 SUMMARY 1

2.0 INTRODUCTION 1

3.0 SAMPLE AND ANALYSIS SUMMARY 2

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA 2

5.0 DATA VALIDATION QUALIFIERS 3

6.0 RESULTS OF THE DATA REVIEW 4

7.0 TOTAL USABLE DATA 4

APPENDIX A Validated Analytical Results
APPENDIX B Laboratory QC Documentation
APPENDIX C Validator Qualifications

Tables

Table 4-1 Data Validation Guidance Documents
Table 4-2 Quality Control Criteria for Validating Laboratory Analytical Data

Summaries of Validated Results
Table 6-1 SVOCs-Scan
Table 6-2 SVOCs-SIM
Table 6-3 PCBs
Table 6-4 ICP Metals
Table 6-5 ICP/MS Metals
Table 6-6 Mercury

REVIEWER'S NARRATIVE
PWGC SDG L2307987: TOT2202

The data associated with this Sample Delivery Group (SDG) L2307987, analyzed by Alpha Analytical, Westborough, MA have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 3/25/2023

Michael K. Perry
Chemist

1.0 EVENT SUMMARY

SITE:	737 4th Avenue Brooklyn, NY Project #: TOT2202
SAMPLING DATE:	February 14, 2023
SAMPLE TYPE:	2 soil samples and an Equipment Blank
LABORATORY:	Alpha Analytical Westborough, MA
SDG No.:	L2307987

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYS IS SUMMARY

The data package consists of analytical results for 31 samples including an equipment blank collected on February 14, 2023. However, at the client's request only samples PDI006_1, PDI006_3 and the Equipment Blank were validated. These samples were analyzed for Semi-volatile Organic Compounds (SVOCs), PCBs, and Metals.

All laboratory analyses were submitted to Alpha Analytical, Westborough, MA and analyzed as SDG L2307987. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC	January 2021
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)
Completeness of Pkg
Sample Preservation
Holding Time
Canister Certification
Instrument Tuning
Initial Calibration and Instrument Performance
Daily Calibration
Blanks
Lab Control Sample
Field Duplicate

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the analytical data review are summarized in Tables 6-1 through 6-6. The tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG L2307987, three samples were analyzed and results were reported for 309 analytes. Even though some results were flagged with a "J" as estimated, all results (100 %) are considered usable. See the summary table for the analyses that have been and qualified and the associated QC reasons.

NOTE: 1) There was no CRDL Standard present for the Metals analyses. This adds an element of uncertainty to the analytical results. Although not specifically indicated on the final data sheets with a "J" flag, the analytical results should be considered estimated, but usable.

Table 6-1 SVOCs - Scan

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
PDI006_1 PDI006_3	Bis(2-chloroisopropyl)ether	J detects UJ non-detects	CCV > QC limit	Data are estimated
Equipment Blank	2-Nitrophenol 2-Nitroaniline 3-Nitroaniline 2,4-Dinitrophenol 2,4-Dinitrotoluene 4-Nitroaniline 4,6-Dinitro-o-cresol Bis(2-ethylhexyl)phthalate Di-n-octylphthalate Benzoic acid	J detects UJ non-detects	CCV > QC limit	Data are estimated

Table 6-2 SVOCs - SIM

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
Equipment Blank	Benzo(a)antracene Antracene	CRQL-U	Detected in method blank	Data changed to non-detect
Equipment Blank	Phenanthrene Pyrene	J detects	Detected in method blank	Data are estimated

Table 6-3 PCBs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-4 ICP Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-5 ICP/MS Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
Equipment Blank	Al	J detects	Detected in method blank	Data are estimated

Table 6-6 Mercury

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
Equipment Blank	Hg	J detects	Detected in method blank	Data are estimated

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

www.alphalab.com



Alpha Analytical

Laboratory Code: 11148

SDG Number: L2307987

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.

Project Name: TOT2202
Project Number: TOT2202

Lab Number: L2307987
Report Date: 02/22/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2307987-01	PDI002_11	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 10:13	02/14/23
L2307987-02	PDI002_13	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 10:17	02/14/23
L2307987-03	PDI003_11	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 08:55	02/14/23
L2307987-04	PDI003_13	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 08:55	02/14/23
L2307987-05	PDI004_11	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 09:45	02/14/23
L2307987-06	PDI004_13	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 09:41	02/14/23
L2307987-07	PDI026_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 08:15	02/14/23
L2307987-08	PDI026_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 08:17	02/14/23
L2307987-09	PDI026_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 08:21	02/14/23
L2307987-10	PDI026_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 08:30	02/14/23
L2307987-11	PDI026_9	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 08:33	02/14/23
L2307987-12	PDI026_11	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 08:35	02/14/23
L2307987-13	PDI001_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 10:55	02/14/23
L2307987-14	PDI001_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 10:58	02/14/23
L2307987-15	PDI001_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 11:10	02/14/23
L2307987-16	PDI001_9	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 11:10	02/14/23
L2307987-17	PDI005_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 11:37	02/14/23
L2307987-18	PDI005_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 11:40	02/14/23
L2307987-19	PDI005_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 11:42	02/14/23
L2307987-20	PDI005_9	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 11:58	02/14/23
L2307987-21	PDI006_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 12:28	02/14/23
L2307987-22	PDI006_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 12:29	02/14/23
L2307987-23	PDI006_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 12:32	02/14/23
L2307987-24	PDI006_7	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 12:35	02/14/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2307987-25	PDI006_9	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 12:39	02/14/23
L2307987-26	PDI011_1	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 13:38	02/14/23
L2307987-27	PDI011_3	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 11:43	02/14/23
L2307987-28	PDI011_5	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 13:40	02/14/23
L2307987-29	DUP001	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 00:00	02/14/23
L2307987-30	PDI006_11	SOIL	737 4TH AVE, BROOKLYN, NY	02/14/23 12:40	02/14/23
L2307987-31	EQUIP BLANK	WATER	737 4TH AVE, BROOKLYN, NY	02/14/23 13:25	02/14/23

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

L2307987-25: The collection date and time on the chain of custody was 14-FEB-23 12:39; however, the collection date/time on the container label was 14-FEB-23 12:36. At the client's request, the collection date/time is reported as 14-FEB-23 12:39.

Semivolatile Organics

L2307987-19D, -20D and WG1746023-4D/-5D: The sample has elevated detection limits due to the dilution required by the sample matrix.

The WG1746023-2/-3 LCS/LCSD recoveries, associated with L2307987-01 through -18, -19D, and -20D, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

The WG1746023-4D/-5D MS/MSD recoveries, performed on L2307987-19, are below the acceptance criteria for hexachlorocyclopentadiene (0%/0%), 2,4-dinitrophenol (0%/0%) and benzoic acid (0%/0%) due to the concentration of these compounds in the MS/MSD falling below the reported detection limit.

PCBs

L2307987-23D, -24D, and -30D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Total Metals

L2307987-01 through -30: 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 WG1745306-1 Method Blank, associated with L2307987-01 through -30, has a concentration above the reporting limit for manganese. Since the associated sample concentrations are either greater than 10x the

Case Narrative (continued)

blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

The WG1745306-3/-4 MS/MSD recoveries for aluminum (0%/549%), iron (0%/0%), and manganese (40% MSD), performed on L2307987-19, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1745306-3 MS recoveries, performed on L2307987-19, are outside the acceptance criteria for magnesium (48%) and manganese (10%). A post digestion spike was performed and yielded unacceptable recoveries for magnesium (67%) and manganese (64%). The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

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: Caitlin Wallukeit Report Date: 02/22/23

Title: Technical Director/Representative

ALPHA ANALYTICAL

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 4

Date Rec'd in Lab: 2/15/23

ALPHA Job #: L2307987

Client Information
Client: PW Grosser Consulting Inc
Address: 630 Johnson Ave. Suite 7
Bohemia, NY 11716
Phone: 631-589-6353
Fax:
Email: jenniferl@pwgrosser.com

Project Information
Project Name: TOT 2202
Project Location: 737 4th Ave, Brooklyn, NY
Project #
(Use Project name as Project #) ☒
Project Manager: Jennifer Lewis
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8270	Total Hg total metals							Sample Specific Comments	Total Bottle
07987-01	PDI002_11	02-14-23	1013	S	DC	x	x								
-02	PDI002_13		1017			x	x								
-03	PDI003_11		0855			x	x								
-04	PDI003_13		0855			x	x								
-05	PDI004_11		0995			x	x								
-06	PDI004_13		0991			x	x								
	~~PDI001_11~~		~~1101~~			~~x~~	~~x~~								
	~~PDI001_13~~		~~1105~~			~~x~~	~~x~~								

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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	A	A											
Preservative	A	A											

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	02.14.23 [illegible]	[signature]	2/14/23 16:00
[signature]	2/14/23 20:30	[signature]	2/14/23
[signature]	2/14/23	[signature]	2/14/23 0000
[signature]	2/15/23 0150	[signature]	2/15/23 0150

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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 2 of 4

Date Rec'd in Lab: 2/15/23

ALPHA Job #: L2307987

Client Information
Client: JW Gloster Consulting INC
Address: 630 Johnson Ave Suite 7
Bohemia, NY 11716
Phone: 631-589-6353
Fax:
Email: jennifer.L@jwgloster.com

Project Information
Project Name: PDI2207
Project Location: 737 9th Ave. Brooklyn, NY
Project #
(Use Project name as Project #) [X]
Project Manager: Jennifer. Lewis
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [✓] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement
[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information
[X] Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8270	Total Hg Total Metals	NYTCL-8082	Sample Specific Comments	Total Bottle
07987-07	PDI026_1	02-14-23	2:15	S	DC	X	X	X		3
-08	PDI026_3		2:19			X	X	X		
-09	PDI026_5		2:21			X	X	X		
-10	PDI026_7		0830			X	X	X		
-11	PDI026_9		0833			X	X	X		
-12	PDI026_11		0835			X	X	X		
-13	PDI001_3		1055			X	X			2
-14	PDI001_5		1058			X	X			
-15	PDI001_7		1110			X	X			
-16	PDI001_9		1110			X	X			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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:	Date/Time	Received By:	Date/Time
[signature]	02.14.23 1615	[signature]	2/14/23 1615
[signature]	2/14/23 2030	[signature]	2/14/23 2100
[signature]	2/14/23	[signature]	2/14/23 0000
[signature]	2/15/23 0150	[signature]	2/15/23 0150

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

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 3 of 4

Date Rec'd in Lab: 2/15/23

ALPHA Job #: L2307987

Client Information
Client: P.W Grosser Consulting Inc.
Address: 630 Johnson Ave Suite 7 Bohemia, NY 11716
Phone: 631-589-6353
Fax:
Email: jennifer1@pwgrosser.com

Project Information
Project Name: TCT2202
Project Location: 737 4th Ave, Brooklyn, NY
Project #
(Use Project name as Project #) ☒
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 Files)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
* PDI011_1 is NYTCL-8270 & Total Hg Total Metals only

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL_8270	Total Hg Total Metals	NYCTCL_8082	Sample Specific Comments	Total Bottle
07987-17	PDI005_3	02.14.23	11:37	S	DC	X	X			2
-18	PDI005_5		11:40			X	X			
-19	PDI005_7		11:42			X	X			
-20	PDI005_9		11:58			X	X			
-21	PDI006_1		12:28			X	X	X		3
-22	PDI006_3		12:29			X	X	X		
-23	PDI006_5		12:32			X	X	X		
-24	PDI006_7		12:35			X	X	X		
-25	PDI006_9		12:39			X	X	X		
-26	PDI011_1		13:38			X	X			

Container Type: A A
Preservative: A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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

Relinquished By:	Date/Time	Received By:	Date/Time
	02.14.23 17:00		2/14/23 17:00
	2/14/23 20:30		2/14/23 2100
	2/14/23		2/14/23 0000
	2/15/23 0150		2/15/23 0150

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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 4 of 4

Date Rec'd in Lab

ALPHA Job #

Client Information
Client: P.W Grosser Consulting Inc.
Address: 830 Johnson Ave, Suite 7
Bohemia, NY 11716
Phone: 631-589-6353
Fax:
Email: jennifer1@pwgrosser.com

Project Information
Project Name: TOT2202
Project Location: 737 4th Ave, Brooklyn, NY
Project #
(Use Project name as Project #) [X]
Project Manager: Jennifer Lewis, PG
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [✓] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement
[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information
[X] Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL_8270	Total Rg Total Metals	NYTCL_8082	NYTCL-8270-SIM-LVI	NYTCL-8082-LVI	Total Hg Total Mercury			Total Bottle
07987-27	PDTO11_3	02.14.23	11:43	S	DC	X	X						X	2
-28	PDTO11_5		13:40			X	X							
-29	DUP001					X	X							
-19	PDTOOS_7(MS/MSD)		11:50			X	X							
-30	PDTCCG_11		12:40			X	X	X						3
-31	EQUIP BLANK		13:25	W	DC				X	X	X			5

Container Type: A A | 2A 2A P
Preservative: A A | A A C

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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

Relinquished By:	Date/Time	Received By:	Date/Time
	02.14.23 11:43		2/14/23 11:43
	2/14/23 3pm		2/14/23 2100
	2/14/23		2/14/23 0000
	2/15/23 0150		2/15/23 0150

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Semivolatiles Data- Method 8270D

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2307987
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2307987-21	Date Collected	: 02/14/23 12:28
Client ID	: PDI006_1	Date Received	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/20/23 00:27
Sample Matrix	: SOIL	Date Extracted	: 02/18/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 07987-21	Analyst	: CMM
Sample Amount	: 30.2 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 88
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	ND	150	19.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	190	21.	U	
118-74-1	Hexachlorobenzene	ND	110	21.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U	
91-58-7	2-Chloronaphthalene	ND	190	19.	U	
95-50-1	1,2-Dichlorobenzene	ND	190	34.	U	
541-73-1	1,3-Dichlorobenzene	ND	190	32.	U	
106-46-7	1,4-Dichlorobenzene	ND	190	33.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	190	50.	U	
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U	
606-20-2	2,6-Dinitrotoluene	ND	190	32.	U	
206-44-0	Fluoranthene	240	110	22.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U	UJ
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U	
87-68-3	Hexachlorobutadiene	ND	190	27.	U	
77-47-4	Hexachlorocyclopentadiene	ND	540	170	U	
67-72-1	Hexachloroethane	ND	150	30.	U	
78-59-1	Isophorone	ND	170	24.	U	
91-20-3	Naphthalene	31	190	23.	J	
98-95-3	Nitrobenzene	ND	170	28.	U	

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2307987
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2307987-21	Date Collected	: 02/14/23 12:28
Client ID	: PDI006_1	Date Received	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/20/23 00:27
Sample Matrix	: SOIL	Date Extracted	: 02/18/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 07987-21	Analyst	: CMM
Sample Amount	: 30.2 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 88
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	65.	U
85-68-7	Butyl benzyl phthalate	ND	190	47.	U
84-74-2	Di-n-butylphthalate	ND	190	36.	U
117-84-0	Di-n-octylphthalate	ND	190	64.	U
84-66-2	Diethyl phthalate	ND	190	17.	U
131-11-3	Dimethyl phthalate	ND	190	39.	U
56-55-3	Benzo(a)anthracene	120	110	21.	
50-32-8	Benzo(a)pyrene	110	150	46.	J
205-99-2	Benzo(b)fluoranthene	140	110	32.	
207-08-9	Benzo(k)fluoranthene	35	110	30.	J
218-01-9	Chrysene	120	110	20.	
208-96-8	Acenaphthylene	52	150	29.	J
120-12-7	Anthracene	36	110	36.	J
191-24-2	Benzo(ghi)perylene	79	150	22.	J
86-73-7	Fluorene	27	190	18.	J
85-01-8	Phenanthrene	140	110	23.	
53-70-3	Dibenzo(a,h)anthracene	ND	110	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	80	150	26.	J
129-00-0	Pyrene	210	110	19.	
92-52-4	Biphenyl	ND	430	24.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2307987
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2307987-21	**Date Collected**	: 02/14/23 12:28
Client ID	: PDI006_1	**Date Received**	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/20/23 00:27
Sample Matrix	: SOIL	**Date Extracted**	: 02/18/23
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 07987-21	**Analyst**	: CMM
Sample Amount	: 30.2 g	**Instrument ID**	: MORK
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 88
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
106-47-8	4-Chloroaniline	ND	190	34.	U
88-74-4	2-Nitroaniline	ND	190	36.	U
99-09-2	3-Nitroaniline	ND	190	35.	U
100-01-6	4-Nitroaniline	ND	190	78.	U
132-64-9	Dibenzofuran	ND	190	18.	U
91-57-6	2-Methylnaphthalene	ND	220	23.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	36.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	190	62.	U
88-75-5	2-Nitrophenol	ND	400	70.	U
100-02-7	4-Nitrophenol	ND	260	76.	U
51-28-5	2,4-Dinitrophenol	ND	900	87.	U
534-52-1	4,6-Dinitro-o-cresol	ND	490	90.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	190	28.	U
95-48-7	2-Methylphenol	ND	190	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2307987
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2307987-21	**Date Collected**	: 02/14/23 12:28
Client ID	: PDI006_1	**Date Received**	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/20/23 00:27
Sample Matrix	: SOIL	**Date Extracted**	: 02/18/23
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 07987-21	**Analyst**	: CMM
Sample Amount	: 30.2 g	**Instrument ID**	: MORK
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 88
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	610	190	U
100-51-6	Benzyl Alcohol	ND	190	57.	U
86-74-8	Carbazole	28	190	18.	J
123-91-1	1,4-Dioxane	ND	28	8.6	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2307987
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2307987-22	Date Collected	: 02/14/23 12:29
Client ID	: PDI006_3	Date Received	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/20/23 00:52
Sample Matrix	: SOIL	Date Extracted	: 02/18/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 07987-22	Analyst	: CMM
Sample Amount	: 30.14 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	280	150	19.		
120-82-1	1,2,4-Trichlorobenzene	ND	180	21.	U	
118-74-1	Hexachlorobenzene	ND	110	20.	U	
111-44-4	Bis(2-chloroethyl)ether	ND	160	25.	U	
91-58-7	2-Chloronaphthalene	ND	180	18.	U	
95-50-1	1,2-Dichlorobenzene	ND	180	33.	U	
541-73-1	1,3-Dichlorobenzene	ND	180	32.	U	
106-46-7	1,4-Dichlorobenzene	ND	180	32.	U	
91-94-1	3,3'-Dichlorobenzidine	ND	180	49.	U	
121-14-2	2,4-Dinitrotoluene	ND	180	37.	U	
606-20-2	2,6-Dinitrotoluene	ND	180	31.	U	
206-44-0	Fluoranthene	3200	110	21.		
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	20.	U	
101-55-3	4-Bromophenyl phenyl ether	ND	180	28.	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	31.	U	UJ
111-91-1	Bis(2-chloroethoxy)methane	ND	200	18.	U	
87-68-3	Hexachlorobutadiene	ND	180	27.	U	
77-47-4	Hexachlorocyclopentadiene	ND	520	170	U	
67-72-1	Hexachloroethane	ND	150	30.	U	
78-59-1	Isophorone	ND	160	24.	U	
91-20-3	Naphthalene	280	180	22.		
98-95-3	Nitrobenzene	ND	160	27.	U	

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2307987
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2307987-22	Date Collected	: 02/14/23 12:29
Client ID	: PDI006_3	Date Received	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/20/23 00:52
Sample Matrix	: SOIL	Date Extracted	: 02/18/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 07987-22	Analyst	: CMM
Sample Amount	: 30.14 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	28.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	63.	U
85-68-7	Butyl benzyl phthalate	ND	180	46.	U
84-74-2	Di-n-butylphthalate	ND	180	35.	U
117-84-0	Di-n-octylphthalate	ND	180	62.	U
84-66-2	Diethyl phthalate	ND	180	17.	U
131-11-3	Dimethyl phthalate	ND	180	38.	U
56-55-3	Benzo(a)anthracene	1300	110	21.	
50-32-8	Benzo(a)pyrene	980	150	45.	
205-99-2	Benzo(b)fluoranthene	1200	110	31.	
207-08-9	Benzo(k)fluoranthene	370	110	29.	
218-01-9	Chrysene	1200	110	19.	
208-96-8	Acenaphthylene	200	150	28.	
120-12-7	Anthracene	670	110	36.	
191-24-2	Benzo(ghi)perylene	540	150	22.	
86-73-7	Fluorene	300	180	18.	
85-01-8	Phenanthrene	3100	110	22.	
53-70-3	Dibenzo(a,h)anthracene	150	110	21.	
193-39-5	Indeno(1,2,3-cd)pyrene	600	150	26.	
129-00-0	Pyrene	2600	110	18.	
92-52-4	Biphenyl	41	420	24.	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2307987
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2307987-22	Date Collected	: 02/14/23 12:29
Client ID	: PDI006_3	Date Received	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/20/23 00:52
Sample Matrix	: SOIL	Date Extracted	: 02/18/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 07987-22	Analyst	: CMM
Sample Amount	: 30.14 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	180	33.	U
88-74-4	2-Nitroaniline	ND	180	35.	U
99-09-2	3-Nitroaniline	ND	180	35.	U
100-01-6	4-Nitroaniline	ND	180	76.	U
132-64-9	Dibenzofuran	250	180	17.	
91-57-6	2-Methylnaphthalene	140	220	22.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	180	27.	U
95-57-8	2-Chlorophenol	ND	180	22.	U
120-83-2	2,4-Dichlorophenol	ND	160	30.	U
105-67-9	2,4-Dimethylphenol	ND	180	60.	U
88-75-5	2-Nitrophenol	ND	400	69.	U
100-02-7	4-Nitrophenol	ND	260	75.	U
51-28-5	2,4-Dinitrophenol	ND	880	86.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	88.	U
87-86-5	Pentachlorophenol	ND	150	40.	U
108-95-2	Phenol	ND	180	28.	U
95-48-7	2-Methylphenol	ND	180	28.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	260	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	35.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2307987
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2307987-22	**Date Collected**	: 02/14/23 12:29
Client ID	: PDI006_3	**Date Received**	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/20/23 00:52
Sample Matrix	: SOIL	**Date Extracted**	: 02/18/23
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 07987-22	**Analyst**	: CMM
Sample Amount	: 30.14 g	**Instrument ID**	: MORK
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 90
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
65-85-0	Benzoic Acid	ND	590	180	U
100-51-6	Benzyl Alcohol	ND	180	56.	U
86-74-8	Carbazole	290	180	18.	
123-91-1	1,4-Dioxane	ND	28	8.4	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2307987
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2307987-31	Date Collected	: 02/14/23 13:25
Client ID	: EQUIP BLANK	Date Received	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/17/23 17:52
Sample Matrix	: WATER	Date Extracted	: 02/16/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 07987-31	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	U	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.45	U	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.40	U	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.43	U	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U	
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U	UJ
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U	
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U	
78-59-1	Isophorone	ND	5.0	1.2	U	
98-95-3	Nitrobenzene	ND	2.0	0.77	U	
86-30-6	NDPA/DPA	ND	2.0	0.42	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U	UJ
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U	
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U	
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U	UJ
84-66-2	Diethyl phthalate	ND	5.0	0.38	U	

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2307987
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2307987-31	Date Collected	: 02/14/23 13:25
Client ID	: EQUIP BLANK	Date Received	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/17/23 17:52
Sample Matrix	: WATER	Date Extracted	: 02/16/23
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 07987-31	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U	
92-52-4	Biphenyl	ND	2.0	0.46	U	
106-47-8	4-Chloroaniline	ND	5.0	1.1	U	
88-74-4	2-Nitroaniline	ND	5.0	0.50	U	UJ
99-09-2	3-Nitroaniline	ND	5.0	0.81	U	UJ
100-01-6	4-Nitroaniline	ND	5.0	0.80	U	UJ
132-64-9	Dibenzofuran	ND	2.0	0.50	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U	
98-86-2	Acetophenone	ND	5.0	0.53	U	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U	
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U	
95-57-8	2-Chlorophenol	ND	2.0	0.48	U	
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U	
88-75-5	2-Nitrophenol	ND	10	0.85	U	UJ
100-02-7	4-Nitrophenol	ND	10	0.67	U	
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U	UJ
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U	UJ
108-95-2	Phenol	ND	5.0	0.57	U	
95-48-7	2-Methylphenol	ND	5.0	0.49	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U	

MKP 3/25/2023

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2307987
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2307987-31	**Date Collected**	: 02/14/23 13:25
Client ID	: EQUIP BLANK	**Date Received**	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/17/23 17:52
Sample Matrix	: WATER	**Date Extracted**	: 02/16/23
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 07987-31	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L				
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**	
65-85-0	Benzoic Acid	ND	50	2.6	U	UJ
100-51-6	Benzyl Alcohol	ND	2.0	0.59	U	
86-74-8	Carbazole	ND	2.0	0.49	U	

MKP 3/25/2023

Semivolatiles Data
by Method 8270D-SIM

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2307987
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2307987-31	Date Collected	: 02/14/23 13:25
Client ID	: EQUIP BLANK	Date Received	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/17/23 11:30
Sample Matrix	: WATER	Date Extracted	: 02/16/23
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 07987-31	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV128
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter		ug/L Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene		ND	0.10	0.01	U	
91-58-7	2-Chloronaphthalene		ND	0.20	0.02	U	
206-44-0	Fluoranthene		0.10	0.10	0.02		
87-68-3	Hexachlorobutadiene		ND	0.50	0.05	U	
91-20-3	Naphthalene		ND	0.10	0.05	U	
56-55-3	Benzo(a)anthracene	0.10 UJ	~~0.03~~	0.10	0.02	J	
50-32-8	Benzo(a)pyrene		ND	0.10	0.02	U	
205-99-2	Benzo(b)fluoranthene		0.02	0.10	0.01	J	
207-08-9	Benzo(k)fluoranthene		0.01	0.10	0.01	J	
218-01-9	Chrysene		0.03	0.10	0.01	J	
208-96-8	Acenaphthylene		ND	0.10	0.01	U	
120-12-7	Anthracene	0.10 UJ	~~0.03~~	0.10	0.01	J	
191-24-2	Benzo(ghi)perylene		ND	0.10	0.01	U	
86-73-7	Fluorene	0,10 UJ	~~0.04~~	0.10	0.01	J	
85-01-8	Phenanthrene		0.22	0.10	0.02		J
53-70-3	Dibenzo(a,h)anthracene		ND	0.10	0.01	U	
193-39-5	Indeno(1,2,3-cd)pyrene		ND	0.10	0.01	U	
129-00-0	Pyrene		0.11	0.10	0.02		J
91-57-6	2-Methylnaphthalene		ND	0.10	0.02	U	
87-86-5	Pentachlorophenol		ND	0.80	0.01	U	
118-74-1	Hexachlorobenzene		ND	0.80	0.01	U	
67-72-1	Hexachloroethane		ND	0.80	0.06	U	

MKP 3/25/2023

GC Extractable Analysis Polychlorinated Biphenyls (PCB)

No data validation qualifiers were added

MKP 3/25/2023

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: P. W. Grosser	**Lab Number**	: L2307987
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2307987-21	**Date Collected**	: 02/14/23 12:28
Client ID	: PDI006_1	**Date Received**	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/19/23 14:35
Sample Matrix	: SOIL	**Date Extracted**	: 02/18/23
Analytical Method	: 1,8082A	**Dilution Factor**	: 1
Lab File ID	: P7230219a-22	**Analyst**	: AD
Sample Amount	: 15.38 g	**Instrument ID**	: PEST7
Extraction Method	: EPA 3546	**GC Column**	: CLP-Pesticide
Extract Volume	: 1000 uL	**%Solids**	: 88
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
12674-11-2	Aroclor 1016	ND	36.8	3.27	U
11104-28-2	Aroclor 1221	ND	36.8	3.69	U
11141-16-5	Aroclor 1232	ND	36.8	7.80	U
53469-21-9	Aroclor 1242	ND	36.8	4.96	U
12672-29-6	Aroclor 1248	ND	36.8	5.52	U
11097-69-1	Aroclor 1254	ND	36.8	4.03	U
11096-82-5	Aroclor 1260	7.23	36.8	6.80	J
37324-23-5	Aroclor 1262	ND	36.8	4.68	U
11100-14-4	Aroclor 1268	ND	36.8	3.81	U
1336-36-3	PCBs, Total	7.23	36.8	3.27	J

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: P. W. Grosser	**Lab Number**	: L2307987
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2307987-22	**Date Collected**	: 02/14/23 12:29
Client ID	: PDI006_3	**Date Received**	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/19/23 14:48
Sample Matrix	: SOIL	**Date Extracted**	: 02/18/23
Analytical Method	: 1,8082A	**Dilution Factor**	: 1
Lab File ID	: P7230219a-23	**Analyst**	: AD
Sample Amount	: 15.3 g	**Instrument ID**	: PEST7
Extraction Method	: EPA 3546	**GC Column**	: CLP-Pesticide
Extract Volume	: 1000 uL	**%Solids**	: 90
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
12674-11-2	Aroclor 1016	ND	36.2	3.21	U
11104-28-2	Aroclor 1221	ND	36.2	3.62	U
11141-16-5	Aroclor 1232	ND	36.2	7.66	U
53469-21-9	Aroclor 1242	ND	36.2	4.87	U
12672-29-6	Aroclor 1248	ND	36.2	5.42	U
11097-69-1	Aroclor 1254	ND	36.2	3.95	U
11096-82-5	Aroclor 1260	ND	36.2	6.68	U
37324-23-5	Aroclor 1262	ND	36.2	4.59	U
11100-14-4	Aroclor 1268	ND	36.2	3.74	U
1336-36-3	PCBs, Total	ND	36.2	3.21	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: P. W. Grosser	**Lab Number**	: L2307987
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2307987-31	**Date Collected**	: 02/14/23 13:25
Client ID	: EQUIP BLANK	**Date Received**	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/17/23 11:25
Sample Matrix	: WATER	**Date Extracted**	: 02/16/23
Analytical Method	: 1,8082A	**Dilution Factor**	: 1
Lab File ID	: P2230217a-21	**Analyst**	: AD
Sample Amount	: 140 ml	**Instrument ID**	: PEST2
Extraction Method	: EPA 3510C	**GC Column**	: CLP-Pesticide
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U

Inorganic Data
(ICP Analysis)

No data validation qualifiers were added

MKP 3/25/2023

Form 1
METALS

Client	: P. W. Grosser	Lab Number	: L2307987
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2307987-21	Date Collected	: 02/14/23 12:28
Client ID	: PDI006_1	Date Received	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/17/23 16:01
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: MRC
Lab File ID	: WG1745616.pdf	Instrument ID	: TRACE9
Sample Amount	: 1.263g	%Solids	: 88
Digestion Method	: EPA 3050B	Date Digested	: 02/16/23

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	5930	8.97	2.42	
7440-36-0	Antimony, Total	0.562	4.48	0.341	J
7440-38-2	Arsenic, Total	5.61	0.897	0.186	
7440-39-3	Barium, Total	44.4	0.897	0.156	
7440-41-7	Beryllium, Total	0.354	0.448	0.030	J
7440-43-9	Cadmium, Total	ND	0.897	0.088	U
7440-70-2	Calcium, Total	45000	8.97	3.14	
7440-47-3	Chromium, Total	14.8	0.897	0.086	
7440-48-4	Cobalt, Total	3.54	1.79	0.149	
7440-50-8	Copper, Total	21.7	0.897	0.231	
7439-89-6	Iron, Total	10600	4.48	0.810	
7439-92-1	Lead, Total	29.0	4.48	0.240	
7439-95-4	Magnesium, Total	4450	8.97	1.38	
7439-96-5	Manganese, Total	197	0.897	0.142	
7440-02-0	Nickel, Total	7.96	2.24	0.217	
7440-09-7	Potassium, Total	810	224	12.9	
7782-49-2	Selenium, Total	ND	1.79	0.231	U
7440-22-4	Silver, Total	ND	0.448	0.254	U
7440-23-5	Sodium, Total	377	179	2.82	
7440-28-0	Thallium, Total	0.477	1.79	0.282	J
7440-62-2	Vanadium, Total	22.6	0.897	0.182	
7440-66-6	Zinc, Total	55.2	4.48	0.263	

Form 1
METALS

Client	: P. W. Grosser	Lab Number	: L2307987
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2307987-22	Date Collected	: 02/14/23 12:29
Client ID	: PDI006_3	Date Received	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/17/23 16:05
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: MRC
Lab File ID	: WG1745616.pdf	Instrument ID	: TRACE9
Sample Amount	: 1.308g	%Solids	: 90
Digestion Method	: EPA 3050B	Date Digested	: 02/16/23

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	6290	8.46	2.28	
7440-36-0	Antimony, Total	0.589	4.23	0.321	J
7440-38-2	Arsenic, Total	1.88	0.846	0.176	
7440-39-3	Barium, Total	35.4	0.846	0.147	
7440-41-7	Beryllium, Total	0.362	0.423	0.028	J
7440-43-9	Cadmium, Total	ND	0.846	0.083	U
7440-70-2	Calcium, Total	1410	8.46	2.96	
7440-47-3	Chromium, Total	14.4	0.846	0.081	
7440-48-4	Cobalt, Total	6.34	1.69	0.140	
7440-50-8	Copper, Total	13.0	0.846	0.218	
7439-89-6	Iron, Total	17000	4.23	0.764	
7439-92-1	Lead, Total	17.1	4.23	0.227	
7439-95-4	Magnesium, Total	1930	8.46	1.30	
7439-96-5	Manganese, Total	364	0.846	0.134	
7440-02-0	Nickel, Total	9.70	2.11	0.205	
7440-09-7	Potassium, Total	858	211	12.2	
7782-49-2	Selenium, Total	ND	1.69	0.218	U
7440-22-4	Silver, Total	ND	0.423	0.239	U
7440-23-5	Sodium, Total	170	169	2.66	
7440-28-0	Thallium, Total	ND	1.69	0.266	U
7440-62-2	Vanadium, Total	23.1	0.846	0.172	
7440-66-6	Zinc, Total	40.8	4.23	0.248	

Inorganic Data
(ICPMS Analysis)

Form 1
METALS

Client	: P. W. Grosser	Lab Number	: L2307987
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2307987-31	Date Collected	: 02/14/23 13:25
Client ID	: EQUIP BLANK	Date Received	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/17/23 10:09
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: NTB
Lab File ID	: WG1745553.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 02/16/23

			mg/l			
CAS NO.	Parameter		Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total		0.0890	0.0100	0.00327	J
7440-36-0	Antimony, Total		ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total		ND	0.00050	0.00016	U
7440-39-3	Barium, Total		0.00289	0.00050	0.00017	
7440-41-7	Beryllium, Total		ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total		ND	0.00020	0.00005	U
7440-70-2	Calcium, Total		0.398	0.100	0.0394	
7440-47-3	Chromium, Total		0.00687	0.00100	0.00017	
7440-48-4	Cobalt, Total		ND	0.00050	0.00016	U
7440-50-8	Copper, Total		0.00241	0.00100	0.00038	
7439-89-6	Iron, Total		0.839	0.0500	0.0191	
7439-92-1	Lead, Total		0.00186	0.00100	0.00034	
7439-95-4	Magnesium, Total		0.0743	0.0700	0.0242	
7439-96-5	Manganese, Total		0.00893	0.00100	0.00044	
7440-02-0	Nickel, Total		0.00144	0.00200	0.00055	J
7440-09-7	Potassium, Total		0.0642	0.100	0.0309	J
7782-49-2	Selenium, Total		ND	0.00500	0.00173	U
7440-22-4	Silver, Total		ND	0.00040	0.00016	U
7440-23-5	Sodium, Total		0.386	0.100	0.0293	
7440-28-0	Thallium, Total	0.00200 UJ	0.00015	0.00200	0.00014	J
7440-62-2	Vanadium, Total		ND	0.00500	0.00157	U
7440-66-6	Zinc, Total		ND	0.01000	0.00341	U

MKP 3/25/2023

Inorganic Data
(Mercury Analysis)

Form 1
METALS

Client	: P. W. Grosser	Lab Number	: L2307987
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: L2307987-31	Date Collected	: 02/14/23 13:25
Client ID	: EQUIP BLANK	Date Received	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	Date Analyzed	: 02/17/23 12:48
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: DMB
Lab File ID	: WG1745509.pdf	Instrument ID	: NIC4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 02/16/23

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7439-97-6	Mercury, Total	0.00017	0.00020	0.00009	J	J

MKP 3/25/2023

Form 1
METALS

Client	: P. W. Grosser	**Lab Number**	: L2307987
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2307987-21	**Date Collected**	: 02/14/23 12:28
Client ID	: PDI006_1	**Date Received**	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/19/23 19:42
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: TAA
Lab File ID	: WG1746224.pdf	**Instrument ID**	: NIC2
Sample Amount	: 0.336g	**%Solids**	: 88
Digestion Method	: EPA 7471B	**Date Digested**	: 02/16/23

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	0.075	0.084	0.055	J

Form 1
METALS

Client	: P. W. Grosser	**Lab Number**	: L2307987
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2307987-22	**Date Collected**	: 02/14/23 12:29
Client ID	: PDI006_3	**Date Received**	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/19/23 19:45
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: TAA
Lab File ID	: WG1746224.pdf	**Instrument ID**	: NIC2
Sample Amount	: 0.388g	**%Solids**	: 90
Digestion Method	: EPA 7471B	**Date Digested**	: 02/16/23

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.071	0.047	U

Total Solids / Percent Moisture Analysis

No data validation qualifiers were added

MKP 3/25/2023

Form 1
WETCHEM

Client	: P. W. Grosser	**Lab Number**	: L2307987
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2307987-21	**Date Collected**	: 02/14/23 12:28
Client ID	: PDI006_1	**Date Received**	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/15/23 19:58
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: MNF
Lab File ID	: WG1744921.pdf	**Instrument ID**	: BALANCE#53
Sample Amount	:	**%Solids**	: 88
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**88.3**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: P. W. Grosser	**Lab Number**	: L2307987
Project Name	: TOT2202	**Project Number**	: TOT2202
Lab ID	: L2307987-22	**Date Collected**	: 02/14/23 12:29
Client ID	: PDI006_3	**Date Received**	: 02/14/23
Sample Location	: 737 4TH AVE, BROOKLYN, NY	**Date Analyzed**	: 02/15/23 19:58
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: MNF
Lab File ID	: WG1744921.pdf	**Instrument ID**	: BALANCE#53
Sample Amount	:	**%Solids**	: 90
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**90.4**	**0.100**	**NA**	

Appendix B

Laboratory QC Documentation

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser		Lab Number	: L2307987	
Project Name	: TOT2202		Project Number	: TOT2202	
Instrument ID	: SV106		Calibration Date	: 02/17/23 10:03	
Lab File ID	: ABN0217		Init. Calib. Date(s)	: 03/27/22	03/28/22
Sample No	: WG1745653-3		Init. Calib. Times	: 22:58	11:39
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)	
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	121	0	
n-Nitrosodimethylamine	0.412	0.429	-	-4.1	20	125	0	
Pyridine	0.66	0.717	-	-8.6	20	127	0	
2-Fluorophenol	0.678	0.728	-	-7.4	20	133	0	
Aniline	1.079	1.078	-	0.1	20	122	0	
2-Chlorophenol	0.779	0.838	-	-7.6	20	130	0	
Phenol-d6	0.829	0.871	-	-5.1	20	127	0	
Phenol	0.877	0.88	-	-0.3	20	122	0	
Bis(2-chloroethyl)ether	0.672	0.669	-	0.4	20	120	0	
1,3-Dichlorobenzene	0.885	0.961	-	-8.6	20	130	0	
1,4-Dichlorobenzene	0.922	0.922	-	0	20	124	0	
1,2-Dichlorobenzene	0.874	0.918	-	-5	20	129	0	
Benzyl alcohol	0.574	0.553	-	3.7	20	118	0	
Bis(2-chloroisopropyl)ethe	0.717	0.68	-	5.2	20	115	0	
2-Methylphenol	0.683	0.682	-	0.1	20	120	0	
Hexachloroethane	0.347	0.345	-	0.6	20	126	0	
n-Nitrosodi-n-propylamine	0.517	0.468	-	9.5	20	110	0	
3-Methylphenol/4-Methylphe	0.713	0.729	-	-2.2	20	123	0	
Nitrobenzene-d5	0.685	0.76	-	-10.9	20	135	0	
Nitrobenzene	0.678	0.732	-	-8	20	132	0	
Isophorone	1.409	1.291	-	8.4	20	111	0	
2-Nitrophenol	0.32	0.44	-	-37.5*	20	164	0	
2,4-Dimethylphenol	0.768	0.748	-	2.6	20	117	0	
Bis(2-chloroethoxy)methane	0.823	0.796	-	3.3	20	116	0	
2,4-Dichlorophenol	0.651	0.67	-	-2.9	20	127	0	
1,2,4-Trichlorobenzene	0.749	0.749	-	0	20	126	0	
IS1_Naphthalene-d8	1	1	-	0	20	123	0	
Naphthalene	1.029	1.016	-	1.3	20	121	0	
Benzoic Acid	5	6.092	-	-21.8*	20	163	0	
4-Chloroaniline	0.117	0.103	-	12	20	111	0	
Hexachlorobutadiene	0.197	0.168	-	14.7	20	107	0	
p-Chloro-m-cresol	0.278	0.266	-	4.3	20	116	0	
2-Methylnaphthalene	0.671	0.667	-	0.6	20	124	0	
1-Methylnaphthalene	0.227	0.203	-	10.6	20	111	0	
Hexachlorocyclopentadiene	0.214	0.229	-	-7	20	128	0	
2,4,6-Trichlorophenol	0.214	0.206	-	3.7	20	119	0	
2,4,5-Trichlorophenol	0.224	0.221	-	1.3	20	122	0	
2-Fluorobiphenyl	0.765	0.724	-	5.4	20	116	0	
2-Chloronaphthalene	0.661	0.636	-	3.8	20	120	0	
2-Nitroaniline	0.162	0.21	-	-29.6*	20	159	0	
1,4-Dinitrobenzene	0.074	0.103	-	-39.2*	20	194	0	ND
1,3-Dinitrobenzene	0.088	0.112	-	-27.3*	20	175	0	ND
Dimethyl phthalate	0.717	0.702	-	2.1	20	121	0	

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser	Lab Number	: L2307987
Project Name	: TOT2202	Project Number	: TOT2202
Instrument ID	: SV106	Calibration Date	: 02/17/23 10:03
Lab File ID	: ABN0217	Init. Calib. Date(s)	: 03/27/22 03/28/22
Sample No	: WG1745653-3	Init. Calib. Times	: 22:58 11:39
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)	
Acenaphthylene	1.048	1.02	-	2.7	20	121	0	
2,6-Dinitrotoluene	0.131	0.153	-	-16.8	20	145	0	
1,2-Dinitrobenzene	0.057	0.073	-	-28.1*	20	159	0	ND
IS1_Acenaphthene-d10	1	1	-	0	20	118	0	
3-Nitroaniline	0.283	0.372	-	-31.4*	20	147	0	
Acenaphthene	1.166	1.231	-	-5.6	20	124	0	
2,4-Dinitrophenol	5	7.838	-	-56.8*	20	199	0	
Dibenzofuran	1.795	1.799	-	-0.2	20	118	0	
2,4-Dinitrotoluene	0.307	0.413	-	-34.5*	20	157	0	
4-Nitrophenol	0.215	0.247	-	-14.9	20	140	0	
2,3,5,6-Tetrachlorophenol	0.349	0.369	-	-5.7	20	124	0	
2,3,4,6-Tetrachlorophenol	0.346	0.357	-	-3.2	20	119	0	
Diethyl phthalate	1.402	1.39	-	0.9	20	117	0	
Fluorene	1.403	1.432	-	-2.1	20	120	0	
4-Chlorophenyl phenyl ethe	0.651	0.642	-	1.4	20	114	0	
4-Nitroaniline	0.272	0.355	-	-30.5*	20	159	0	
4,6-Dinitro-o-cresol	5	7.561	-	-51.2*	20	208	0	
NDPA/DPA	1.162	1.18	-	-1.5	20	119	0	
Azobenzene	1.209	1.126	-	6.9	20	109	0	
2,4,6-Tribromophenol	0.198	0.215	-	-8.6	20	127	0	
4-Bromophenyl phenyl ether	0.378	0.375	-	0.8	20	116	0	
Hexachlorobenzene	0.447	0.432	-	3.4	20	113	0	
Pentachlorophenol	0.261	0.257	-	1.5	20	117	0	
IS1_Phenanthrene-d10	1	1	-	0	20	115	0	
Phenanthrene	1.104	1.097	-	0.6	20	118	0	
Anthracene	1.11	1.118	-	-0.7	20	119	0	
Carbazole	1.036	1.047	-	-1.1	20	122	0	
Di-n-butylphthalate	1.255	1.255	-	0	20	121	0	
Fluoranthene	1.219	1.191	-	2.3	20	116	0	
Benzidine	0.86	0.866	-	-0.7	20	121	0	
Pyrene	1.257	1.281	-	-1.9	20	120	0	
4-Terphenyl-d14	0.925	0.906	-	2.1	20	115	0	
Butyl benzyl phthalate	0.487	0.561	-	-15.2	20	141	0	
IS1_Chrysene-d12	1	1	-	0	20	111	0	
Benzo(a)anthracene	1.278	1.368	-	-7	20	120	0	
3,3'-Dichlorobenzidine	0.489	0.552	-	-12.9	20	125	0	
Chrysene	1.205	1.282	-	-6.4	20	120	0	
Bis(2-ethylhexyl)phthalate	0.789	0.975	-	-23.6*	20	136	0	
Di-n-octylphthalate	1.397	1.774	-	-27*	20	144	0	
Benzo(b)fluoranthene	1.245	1.479	-	-18.8	20	134	0	
Benzo(k)fluoranthene	1.234	1.446	-	-17.2	20	125	0	
Benzo(a)pyrene	1.114	1.336	-	-19.9	20	132	0	
IS1_Perylene-d12	1	1	-	0	20	134	0	

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: P. W. Grosser		Lab Number	: L2307987	
Project Name	: TOT2202		Project Number	: TOT2202	
Instrument ID	: MORK		Calibration Date	: 02/19/23 14:19	
Lab File ID	: ABN0219		Init. Calib. Date(s)	: 12/12/22	12/13/22
Sample No	: WG1746228-3		Init. Calib. Times	: 13:24	02:15
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	93	0
n-Nitrosodimethylamine	0.687	0.681	-	0.9	20	88	0
Pyridine	1.163	1.186	-	-2	20	83	0
2-Fluorophenol	1.065	1.133	-	-6.4	20	92	0
Aniline	1.791	1.751	-	2.2	20	90	0
2-Chlorophenol	1.246	1.251	-	-0.4	20	92	0
Phenol-d6	1.387	1.41	-	-1.7	20	94	0
Phenol	1.491	1.495	-	-0.3	20	91	0
Bis(2-chloroethyl)ether	1.053	1.068	-	-1.4	20	93	0
1,3-Dichlorobenzene	1.501	1.476	-	1.7	20	91	0
1,4-Dichlorobenzene	1.537	1.524	-	0.8	20	91	0
1,2-Dichlorobenzene	1.49	1.472	-	1.2	20	91	0
Benzyl alcohol	0.981	1.101	-	-12.2	20	96	0
Bis(2-chloroisopropyl)ethe	1.54	1.882	-	-22.2*	20	113	0
2-Methylphenol	1.101	1.086	-	1.4	20	87	0
Hexachloroethane	0.597	0.627	-	-5	20	99	0
n-Nitrosodi-n-propylamine	0.874	0.932	-	-6.6	20	96	0
3-Methylphenol/4-Methylphe	1.16	1.155	-	0.4	20	87	0
Nitrobenzene-d5	1.316	1.453	-	-10.4	20	100	0
Nitrobenzene	1.328	1.391	-	-4.7	20	93	0
Isophorone	2.428	2.432	-	-0.2	20	93	0
2-Nitrophenol	0.694	0.713	-	-2.7	20	93	0
2,4-Dimethylphenol	1.271	1.303	-	-2.5	20	92	0
Bis(2-chloroethoxy)methane	1.426	1.45	-	-1.7	20	95	0
2,4-Dichlorophenol	1.173	1.262	-	-7.6	20	96	0
1,2,4-Trichlorobenzene	1.345	1.47	-	-9.3	20	100	0
IS1_Naphthalene-d8	1	1	-	0	20	91	0
Naphthalene	1.005	0.977	-	2.8	20	86	0
Benzoic Acid	0.251	0.272	-	-8.4	20	95	0
4-Chloroaniline	0.114	0.135	-	-18.4	20	99	0
Hexachlorobutadiene	0.239	0.271	-	-13.4	20	103	0
p-Chloro-m-cresol	0.287	0.312	-	-8.7	20	91	0
2-Methylnaphthalene	0.679	0.674	-	0.7	20	89	0
1-Methylnaphthalene	0.231	0.25	-	-8.2	20	94	0
Hexachlorocyclopentadiene	50	52.056	-	-4.1	20	94	0
2,4,6-Trichlorophenol	0.249	0.28	-	-12.4	20	100	0
2,4,5-Trichlorophenol	0.272	0.305	-	-12.1	20	95	0
2-Fluorobiphenyl	0.809	0.856	-	-5.8	20	93	0
2-Chloronaphthalene	0.69	0.747	-	-8.3	20	95	0
2-Nitroaniline	0.23	0.234	-	-1.7	20	90	0
1,4-Dinitrobenzene	0.1	0.103	-	-3	20	91	0
1,3-Dinitrobenzene	0.108	0.117	-	-8.3	20	92	0
Dimethyl phthalate	0.83	0.894	-	-7.7	20	97	0

* Value outside of QC limits.

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: P. W. Grosser	**Lab Number**	: L2307987
Project Name	: TOT2202	**Project Number**	: TOT2202
Matrix	: WATER		
LCS Sample ID	: WG1744993-2	**Analysis Date** : 02/16/23 13:29	**File ID** : 744993-2
LCSD Sample ID	: WG1744993-3	**Analysis Date** : 02/16/23 13:46	**File ID** : 744993-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	3.6	3.1	85	3.6	3.1	86	1	40-140	40
2-Chloronaphthalene	3.6	3.1	86	3.6	3.2	89	3	40-140	40
Fluoranthene	3.6	3.6	98	3.6	3.9	107	9	40-140	40
Hexachlorobutadiene	3.6	3.6	99	3.6	3.5	96	3	40-140	40
Naphthalene	3.6	3.1	86	3.6	3.1	86	0	40-140	40
Benzo(a)anthracene	3.6	3.5	96	3.6	3.6	99	3	40-140	40
Benzo(a)pyrene	3.6	3.7	102	3.6	3.8	106	4	40-140	40
Benzo(b)fluoranthene	3.6	3.4	93	3.6	3.6	99	6	40-140	40
Benzo(k)fluoranthene	3.6	3.5	97	3.6	3.6	99	2	40-140	40
Chrysene	3.6	3.2	89	3.6	3.2	89	0	40-140	40
Acenaphthylene	3.6	3.4	93	3.6	3.6	100	7	40-140	40
Anthracene	3.6	3.4	95	3.6	3.5	97	2	40-140	40
Benzo(ghi)perylene	3.6	3.7	101	3.6	3.7	102	1	40-140	40
Fluorene	3.6	3.2	88	3.6	3.4	93	6	40-140	40
Phenanthrene	3.6	3.2	87	3.6	3.2	89	2	40-140	40
Dibenzo(a,h)anthracene	3.6	4.0	110	3.6	4.1	113	3	40-140	40
Indeno(1,2,3-cd)pyrene	3.6	4.2	114	3.6	4.3	118	3	40-140	40
Pyrene	3.6	3.6	98	3.6	4.0	109	11	40-140	40
2-Methylnaphthalene	3.6	3.2	89	3.6	3.3	90	1	40-140	40
Pentachlorophenol	3.6	5.3	146 Q	3.6	5.0	137	6	40-140	40
Hexachlorobenzene	3.6	3.5	97	3.6	3.5	96	1	40-140	40
Hexachloroethane	3.6	2.8	78	3.6	2.7	74	5	40-140	40

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: P. W. Grosser	Lab Number	: L2307987
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: WG1744993-1	Date Collected	: NA
Client ID	: WG1744993-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 02/16/23 14:02
Sample Matrix	: WATER	Date Extracted	: 02/16/23
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 744993-1	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV125
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.02	0.10	0.01	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	0.02	0.10	0.02	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	0.01	0.10	0.01	J
120-12-7	Anthracene	0.03	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.03	0.10	0.01	J
85-01-8	Phenanthrene	0.04	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	0.02	0.10	0.02	J
91-57-6	2-Methylnaphthalene	0.03	0.10	0.02	J
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Form 1
METALS

Client	: P. W. Grosser	Lab Number	: L2307987
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: WG1745314-1	Date Collected	: NA
Client ID	: WG1745314-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 02/17/23 15:22
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,6010D	Analyst	: MRC
Lab File ID	: WG1745616.pdf	Instrument ID	: TRACE9
Sample Amount	: 1.25g	%Solids	: NA
Digestion Method	: EPA 3050B	Date Digested	: 02/16/23

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	ND	4.00	1.08	U
7440-36-0	Antimony, Total	ND	2.00	0.152	U
7440-38-2	Arsenic, Total	ND	0.400	0.083	U
7440-39-3	Barium, Total	ND	0.400	0.070	U
7440-41-7	Beryllium, Total	ND	0.200	0.013	U
7440-43-9	Cadmium, Total	ND	0.400	0.039	U
7440-70-2	Calcium, Total	ND	4.00	1.40	U
7440-47-3	Chromium, Total	ND	0.400	0.038	U
7440-48-4	Cobalt, Total	ND	0.800	0.066	U
7440-50-8	Copper, Total	ND	0.400	0.103	U
7439-89-6	Iron, Total	1.43	2.00	0.361	J
7439-92-1	Lead, Total	ND	2.00	0.107	U
7439-95-4	Magnesium, Total	ND	4.00	0.616	U
7439-96-5	Manganese, Total	ND	0.400	0.064	U
7440-02-0	Nickel, Total	ND	1.00	0.097	U
7440-09-7	Potassium, Total	ND	100	5.76	U
7782-49-2	Selenium, Total	ND	0.800	0.103	U
7440-22-4	Silver, Total	ND	0.200	0.113	U
7440-23-5	Sodium, Total	6.39	80.0	1.26	J
7440-28-0	Thallium, Total	ND	0.800	0.126	U
7440-62-2	Vanadium, Total	ND	0.400	0.081	U
7440-66-6	Zinc, Total	ND	2.00	0.117	U

Form 1
METALS

Client	: P. W. Grosser	Lab Number	: L2307987
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: WG1745247-1	Date Collected	: NA
Client ID	: WG1745247-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 02/17/23 10:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: NTB
Lab File ID	: WG1745553.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 02/16/23

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.00554	0.0100	0.00327	J
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	ND	0.00050	0.00017	U
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	ND	0.100	0.0394	U
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	ND	0.100	0.0293	U
7440-28-0	Thallium, Total	0.00017	0.00200	0.00014	J
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U

Form 1
METALS

Client	: P. W. Grosser	Lab Number	: L2307987
Project Name	: TOT2202	Project Number	: TOT2202
Lab ID	: WG1745251-1	Date Collected	: NA
Client ID	: WG1745251-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 02/17/23 12:20
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: DMB
Lab File ID	: WG1745509.pdf	Instrument ID	: NIC4
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 02/16/23

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.00009	0.00020	0.00009	J

Identification Summary
Form 10
PCBs

Client	:	P. W. Grosser	Lab Number	:	L2307987
Project Name	:	TOT2202	Project Number	:	TOT2202
Lab Sample ID	:	L2307987-21			
Client ID	:	PDI006_1			
Date Analyzed (1)	:	02/19/23 14:35	Date Analyzed (2)	:	02/19/23 14:35
Instrument ID (1)	:	PEST7	Instrument ID (2)	:	PEST7
GC Column (1)	:	CLP-Pesticide	GC Column (2)	:	CLP-PesticideII

Analyte	Peak	RT	RT Window From	RT Window To	Concentration	Mean Concentration	%RPD
AROCLOR 1260	1	0.00	4.79	4.89	0.		
	2	0.00	5.01	5.11	0.		
COLUMN 1	3	5.57	5.51	5.61	6.32		
	4	5.81	5.75	5.85	6.47		
	5	6.02	5.97	6.07	8.91	7.23J	
	1	0.00	5.34	5.44	0.		
	2	0.00	5.50	5.60	0.		
COLUMN 2	3	6.12	6.07	6.17	5.78		
	4	6.30	6.25	6.35	7.38		
	5	6.57	6.52	6.62	7.	0. 6.72	NC 7.3 %

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).