



Field Sampling Summary Report

**RECONSTRUCTION OF BROOKLYN WATERFRONT GREENWAY
HAMILTON AVENUE/GOWANUS SECTION
BROOKLYN, NY**

NYC DDC CAPIS ID: HWK1048D

Prepared for:

**JRCRUZ CORP
675 Line Road
Aberdeen, NJ 07747**

Prepared by:

**EcoTerra Consulting LLC
2 Lakeview Avenue, Suite-1C,
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October 5, 2020

Field Sampling Summary Report

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1.0 INTRODUCTION

At the request of JR CRUZ CORP, EcoTerra Consulting, LLC (ECOTERRA) has prepared Field Sampling Summary Report (FSSR) for the New York City Department of Design and Construction (NYCDDC) Project # HWK1048D known as Reconstruction of Brooklyn Waterfront Greenway, Brooklyn, NY. This FSSR documents field sampling activities including establishment of soil borings, sample locations, soil screening, sample collection, and analysis.

1.10 Project Description

The scope of work consists of infrastructure improvements which includes improvements of storm and sanitary sewers and associated appurtenances, and replacement of water mains and appurtenances at the following street segments:

- Hamilton Avenue from Smith Street to 19th Street.
- 3rd Avenue from 19th Street to 29th Street.
- 17th Street from Hamilton Avenue to 3rd Avenue.

This infrastructure improvement consisting of construction of storm and sanitary sewers and appurtenances, including water main work activities will generate approximately 12,894 CY of fill/soils. Fill/soils generated as part of this project will be managed as per applicable New York State Department of Environmental Conservation (NYSDEC) Part 375 Restricted Use soil cleanup objectives (SCOs) for Commercial Criteria and Specification Sections 8.01C1 and 8.01H.

The excavation for infrastructure improvements will range from approximately 5 feet to 22 feet below existing ground surface(ftbgs).

2.0 FIELD ACTIVITIES

ECOTERRA conducted soil sampling activity from July 21st, 2020 through July 27th, 2020 in accordance with the approved Field Sampling Plan (FSP) dated July 9, 2020. Borings were performed by MIG Consulting, LLCs Geo-environmental group under the supervision of ECOTERRA. Field activities consist of advancement of soil borings and collection of soil characterization samples for laboratory analysis.

2.10 Utility Mark-Outs

New York one-call center was contacted to mark-out utilities beneath the sidewalk at each boring location.

2.20 Soil Sampling and Analysis using Soil Boring

Each boring represents approximately 500 CY of soil to be excavated. Borings for proposed utility installation excavations were performed to a maximum of 22 ft. Soil samples were collected in 4-foot-long, 2-inch diameter stainless steel macrocore sampler fitted with acetate liners. Each liner was split length wise which were screened using Photo Ionization Detector (PID) – MiniRAE-2000 in the field and also inspected for any evidence of olfactory/visual contamination. One composite and one discrete grab sample were collected from each boring for laboratory analysis. Each grab soil sample was collected from either the 6-inch interval above the water table (when encountered) or the 6-inch interval above the bottom of the proposed excavation depth (where recovery allowed), or from the 6-inch interval showing the highest PID readings or visual field observation. A composite sample was prepared by homogenizing the five grab samples from the entire depth of each boring. Composite samples were identified as SB-1(Comp) through SB-26(Comp). Each grab sample was labeled with the sample identification of (Grab) at each respective location.

Grab samples were prepared using Terracore samplers supplied by the testing laboratory and were analysed for volatile organic compounds (VOCs) by USEPA Method 8260. Five point grab soil samples were mixed from each boring to create a single composite sample. Composite samples were collected in 8-oz jars supplied by the testing laboratory. Sample label for SB-4 was erroneously marked as SB-5 on the bottles during the preparation of chain of custody in the field. To clear the confusion; the sample identified in the bracket represents the actual sample number in the analytical summary Table 1 to Table 3.

After completion of the boring activities, the cuttings generated during the soil boring activities were returned to the same borehole and were patch with quick settling grout/concrete to match the surrounding surface.

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HAMILTON AVENUE/GOWANUS SECTION, BROOKLYN, NY
NYC DDC CAPIS ID: HWK1048D

The Grab/Composite Samples were collected from the following intervals:

Sample/Boring Identification	Boring Depth	Grab Sample depth (ftbg)	Composite Sample Depth(ftbg)
SB – 1	5 ftbgs Water Main	4-4.5	0-5
SB – 2	9 ftbgs Combined Sewer	8-8.5	0-9
SB – 3	5 ftbgs Water Main	4-4.5	0-5
SB – 4	5 ftbgs Water Main	4-4.5	0-5
SB – 5	5 ftbgs Water Main	4-4.5	0-5
SB – 6	5 ftbgs Water Main	4-4.5	0-5
SB – 7	5 ftbgs Water Main	4-4.5	0-5
SB – 8	6 ftbgs Combined Sewer	5-5.5	0-6
SB – 9	5 ftbgs Water Main	4-4.5	0-5
SB – 10	6 ftbgs Combined Sewer	5-5.5	0-6
SB – 11	6 ftbgs Combined Sewer	5-5.5	0-6
SB – 12	5 ftbgs Water main	4-4.5	0-5
SB – 13	5 ftbgs Water Main	4-4.5	0-5
SB – 14	5 ftbgs Water Main	4-4.5	0-5
SB – 15	22 ftbgs Combined Sewer	11-11.5	0-22
SB – 16	5 ftbgs Water Main	4-4.5	0-5
SB – 17	5 ftbgs Water Main	4-4.5	0-5
SB – 18	5 ftbgs Water main	4-4.5	0-5
SB – 19	5 ftbgs Water main	4-4.5	0-5
SB – 20	5 ftbgs Water main	4-4.5	0-5
SB – 21	10 ftbgs Combined Sewer	9-9.5	0-10
SB – 22	5 ftbgs Water main	4-4.5	0-5
SB – 23	6 ftbgs Combined Sewer	5-5.5	0-6
SB – 24	6 ftbgs Combined Sewer	5-5.5	0-6
SB – 25	5 ftbgs Water Main	4-4.5	0-5
SB – 26	5 ftbgs Water Main	4-4.5	0-5

All samples were marked and identified with legible sample labels, indicating the project name, sample location, sample number and the date and time of sampling. Samples were stored in an iced cooler and were scheduled same day pick-up from the driver of York Analytical Laboratories Inc., a New York State Department of Health Environmental Laboratory Approval Program (NYSDOH-ELAP Certification #11452) certified laboratory.

Each sample was analyzed for the following parameters in accordance with NYCDDC specification section 8.01 C2:

- Grab soil sample was analyzed for Volatile organic compounds (VOCs) by USEPA Method 8260
- Composite soil sample was analyzed for :
 - Semi-volatile organic compounds (SVOCs) by USEPA Method 8270
 - Polychlorinated biphenyls (PCBs) by USEPA Method 8082
 - Pesticides/Herbicides via USEPA Method 8081/8151
 - TAL Metals via USEPA Method 6010D
 - Mercury via USEPA Method 7471
 - Total Cyanide-USEPA Test Method 9014/9010C
 - Total Hexavalent Chromium-USEPA Test method 7196A/3060A
 - TCLP Leachable Extraction-USEPA Method -1311
-for Leachable Metals (8 RCRA Metals)-USEPA Method 6010
 - TCLP Semi-volatile organic compounds (SVOCs) by USEPA Method 8270D/1311/8270BN
 - TCLP Volatile organic compounds (VOCs) by USEPA Method 8260 C/1311/8260B
 - TCLP Pesticides/Herbicides via USEPA Method 8081B/8151A/1311
 - Ignitibility characteristic by USEPA Method 1030/SW- 846
 - Reactivity Characteristics by SW846 Chapter 7.3
 - Corrosivity characteristics by USEPA Method 9045D /SW-846
 - EPH Analysis
 - Paint Filter(1 per Site)

2.30 Analytical Results

Following compounds exceeded NYSDEC Part 375 Restricted Use SCOs for Commercial Criteria. Notable exceedances of the compounds are mentioned in the table below. Detailed results for each compound exceeding the NYSDEC Part 375 Restricted Use SCOs for Commercial Criteria and EPA Hazardous Waste Limits are presented in Table 1, 2 and 3.

Semi-Volatile Organic Compounds

Compounds	USEPA Hazardous Waste Limits					NYSDEC Part 375 Restricted Use SCOs for Commercial Criteria				
	SB-14	SB-17	SB-19	SB-23	SB-24	SB-14	SB-17	SB-19	SB-23	SB-24
Benzo(a)anthracene						x				x
Benzo(a)pyrene						x	x	x	x	x
Benzo(b)fluoranthene						x				x
Dibenzo(a,h)anthracene						x				x
Indeno(1,2,3-cd)pyrene						x				x

Target Analyte List - Metals

Compounds	USEPA Hazardous Waste Limits					NYSDEC Part 375 Restricted Use SCOs for Commercial Criteria						
	SB-4	SB-9	SB-14	SB-17	SB-18	SB-16	SB-4	SB-9	SB-14	SB-17	SB-18	SB-16
Arsenic							x					
Barium											x	
Lead			x							x		
Mercury										x		

Comments:

- Summarized analytical results are presented in Table-1 and Table-2. The VOCs Acetone and Methylene chloride were detected in many of the soil samples, but these compounds are common laboratory contaminants and may not be representative of actual in-situ soil contamination.
- TCLP Lead exceeded the USEPA Hazardous Waste Limits in SB-14. The TCLP results are presented as Table 3.
- Following compounds exceeded NYSDEC Part 375 SCOs for Commercial criteria.

- Benzo(a)anthracene, Benzo(b)fluoranthene, Dibenz(a,h)anthracene, Indeno(1,2,3-cd)pyrene exceeded in samples SB-14 and SB-24.
- Benzo(a)pyrene exceeded in sample SB-14, SB-17, SB-19, SB-23 and SB-24.
- Barium exceeded in sample SB-18.
- Lead and Mercury exceeded in sample SB-17.
- Arsenic exceeded in sample SB-4.

3.0 CONCLUSION AND RECOMMENDATIONS

- Contamination was found in the various soil samples mentioned in the analytical results above and also as in Table 1 and 2. The material shall be properly disposed-off to an offsite facility approved to accept such Regulated Fill material. Moreover, these locations exhibit presence of material such as Historic Fill that is non-native, non-indigenous material.
- TCLP lead was noted at a concentration of 5.42 mg/L in SB-14 exceeding the USEPA Hazardous Waste limits for TCLP Lead at 5.0 mg/L. Excavated Material originating from these locations shall be properly disposed-off to USEPA approved RCRA-Part B TSDF.
- These soil pre-characterization results should be presented to disposal facilities for classification and acceptance in accordance with the individual facility permit requirements and State and Federal regulations.

This FSSR has been prepared by the employee of EcoTerra Consulting, LLC.

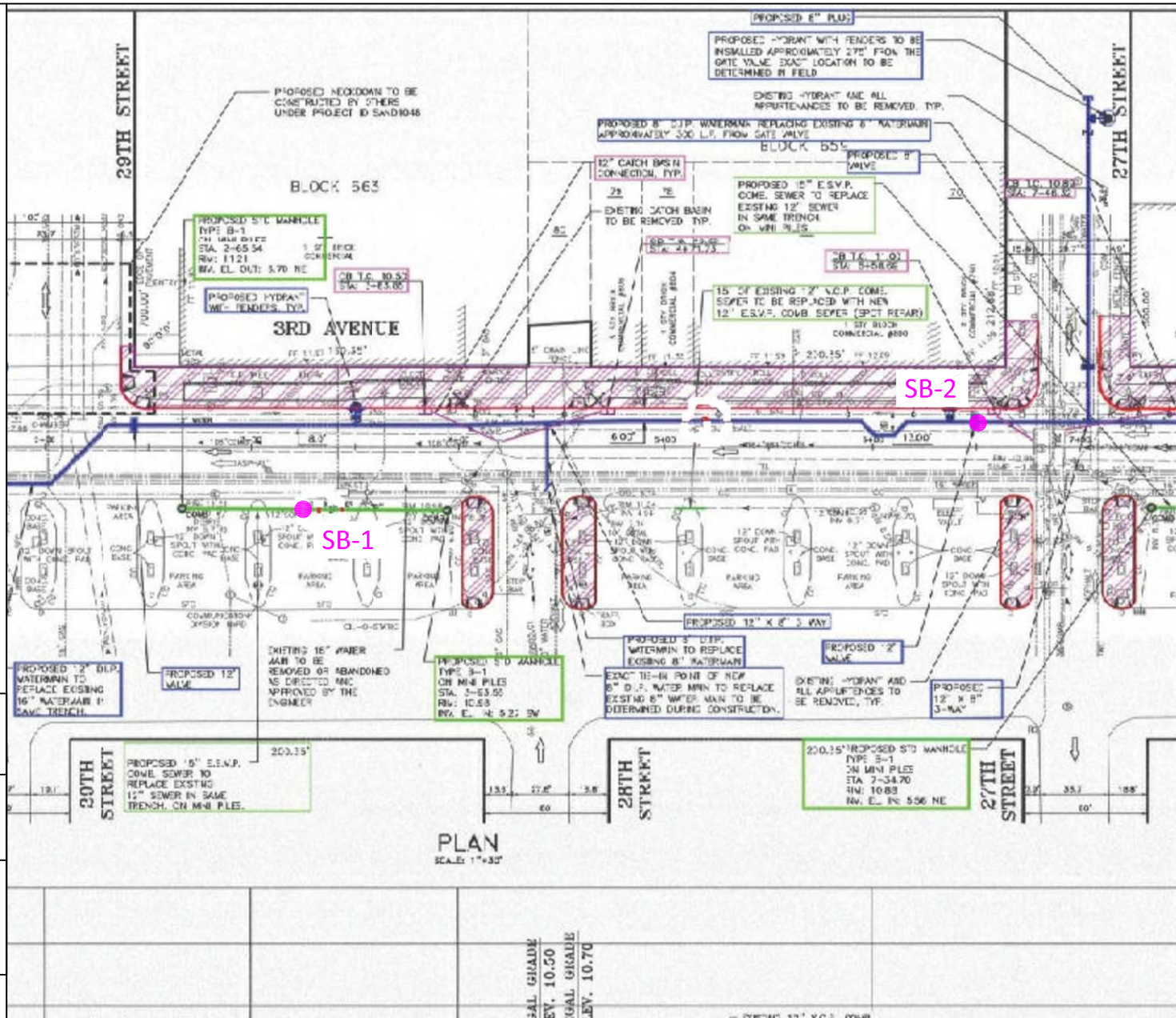
Sincerely,



Priyanka Patel, CHMM

File: Brooklyn Waterfront-FSSR

FIGURES



ANALYTICAL PARAMETERS

GRAB	VOCs
COMPOSITE	SVOCs, Pest/Herb, PCBs, TAL Metals, Hex chrome, Full TCLP, EPH

SAMPLING PROTOCOL:

1. Waste Characterization samples are 5-point grab COMPOSITE samples.
2. GRAB sample is a discrete sample selected by screening the soil with a portable Photo Ionization Detector (PID) meter for olfactory and any signs of visual contamination.
3. GRAB samples for VOCs Analysis collected using Terracore or Encore Syringes.
4. COMPOSITE samples are prepared by homogenizing soils from 5-Grab samples.
5. Sample/Grid ID, Sample depth(s), Analytical parameters are listed in the table above.

LEGEND:

- Proposed Soil Boring Location
- Proposed Water Main
- Proposed Combined Sewer

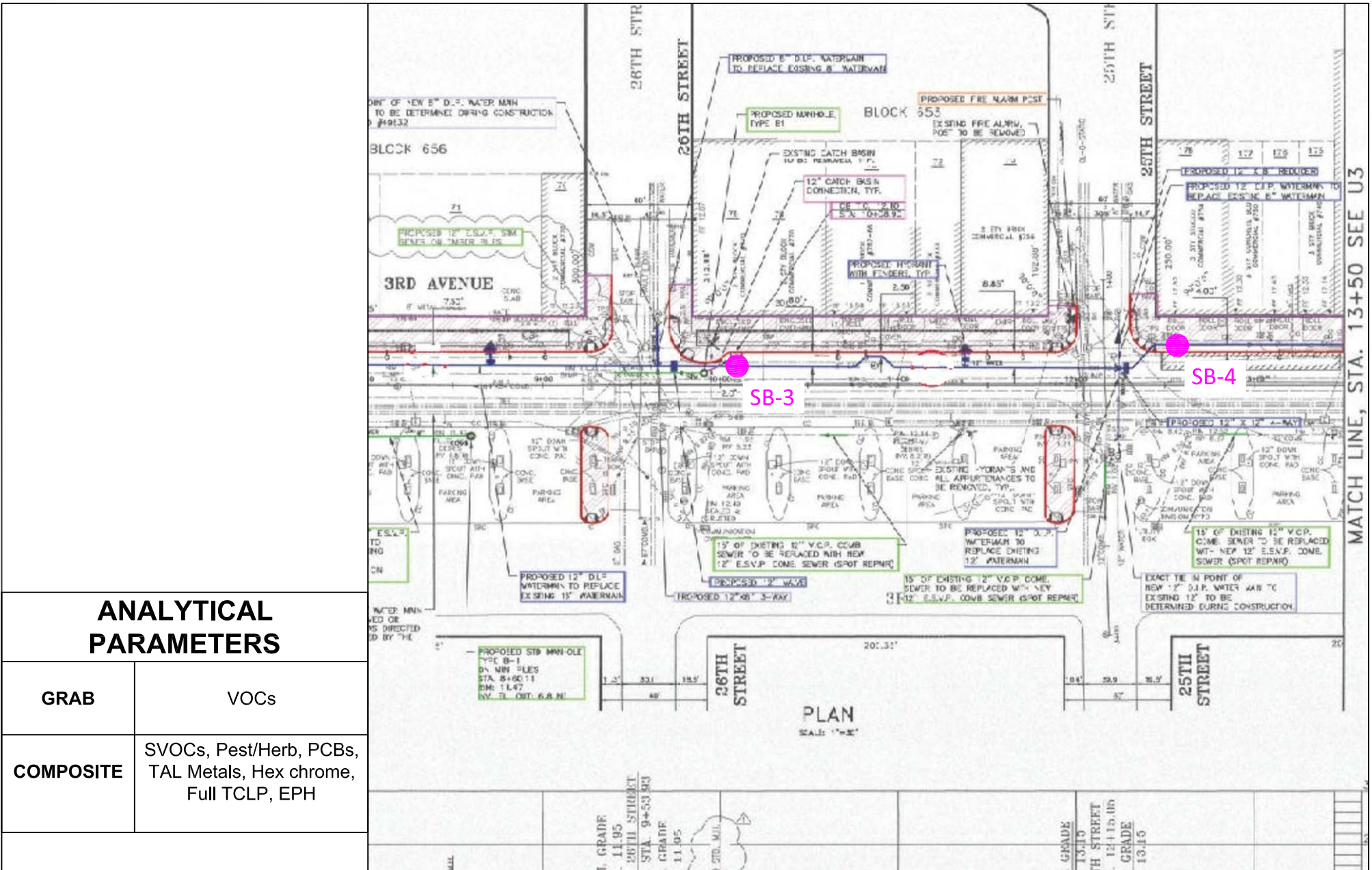
SOIL SAMPLING LOCATION PLAN

**RECONSTRUCTION OF BROOKLYN
WATERFRONT GREENWAY
HAMILTON AVENUE
BROOKLYN, NY**

Drawn By:	HP	Project #	
Checked By:	PP	Figure #	1
Date:	8/20/2020		
Scale:	N.T.S		



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ANALYTICAL PARAMETERS

GRAB	VOCs
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SOIL SAMPLING LOCATION PLAN

**RECONSTRUCTION OF BROOKLYN WATERFRONT GREENWAY
HAMILTON AVENUE
BROOKLYN, NY**

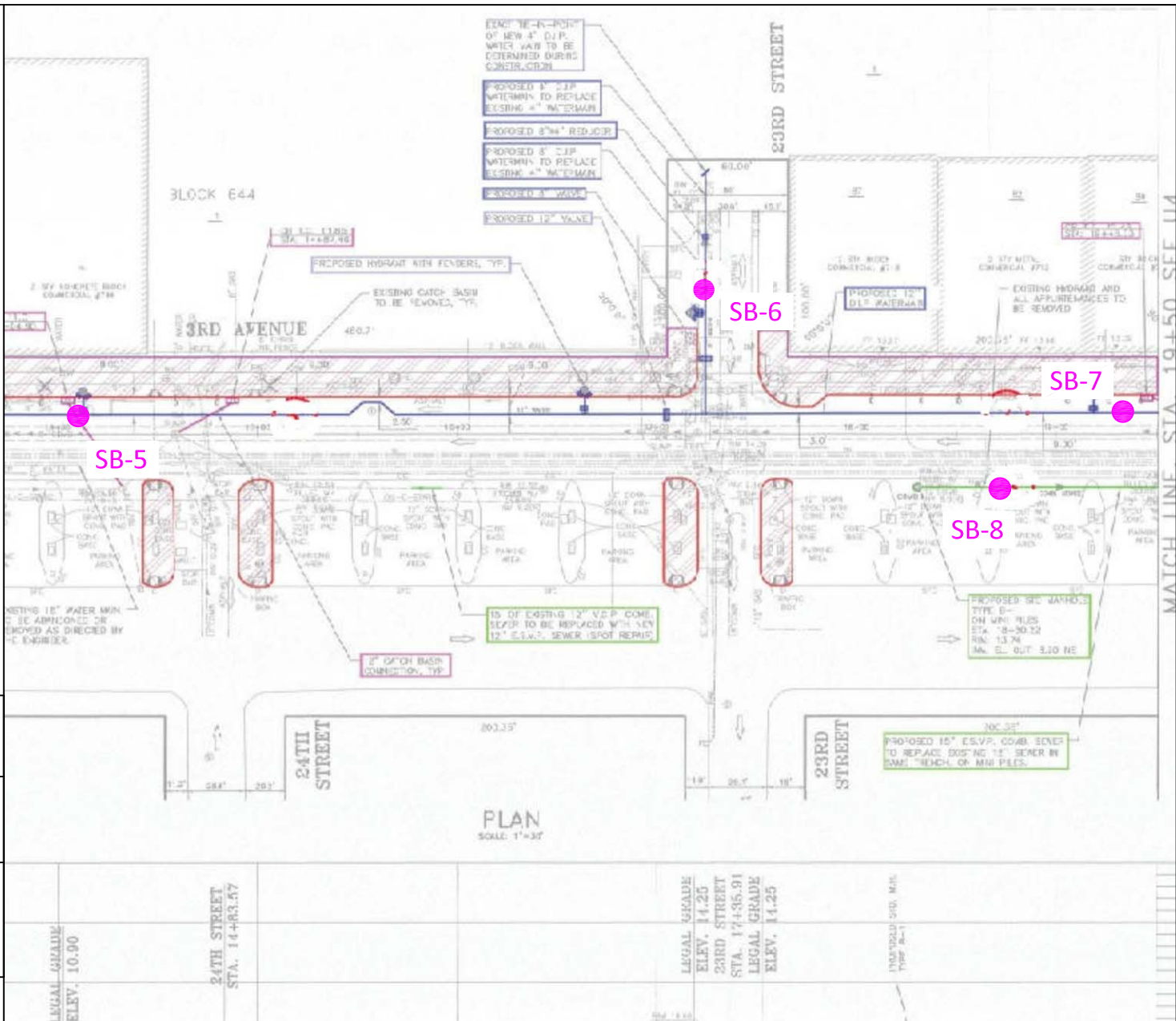
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Project #
Figure # 2



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MATCH LINE, STA. 13+50 SEE U3



ANALYTICAL PARAMETERS

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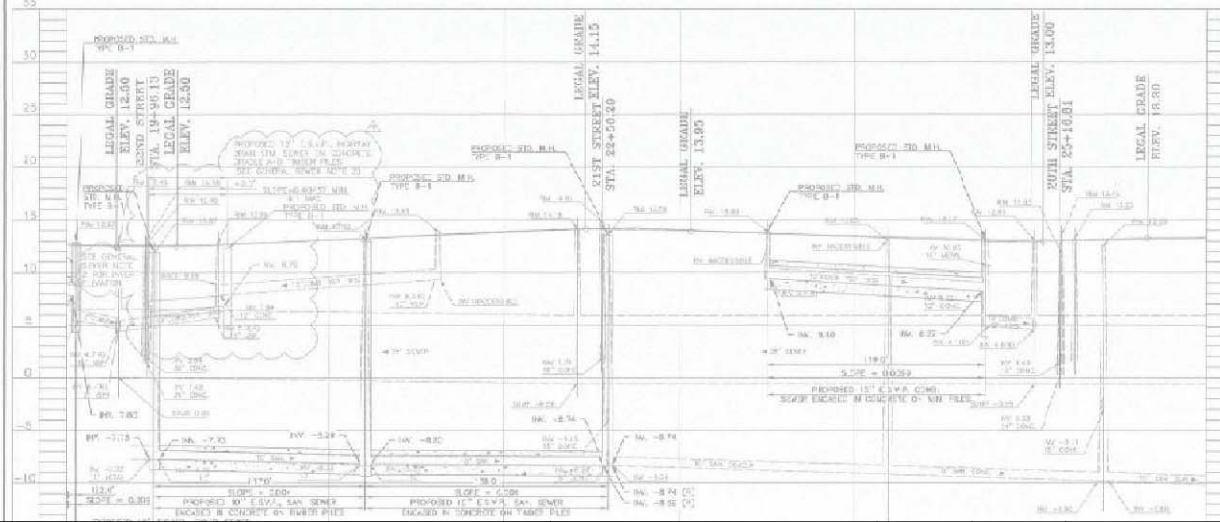
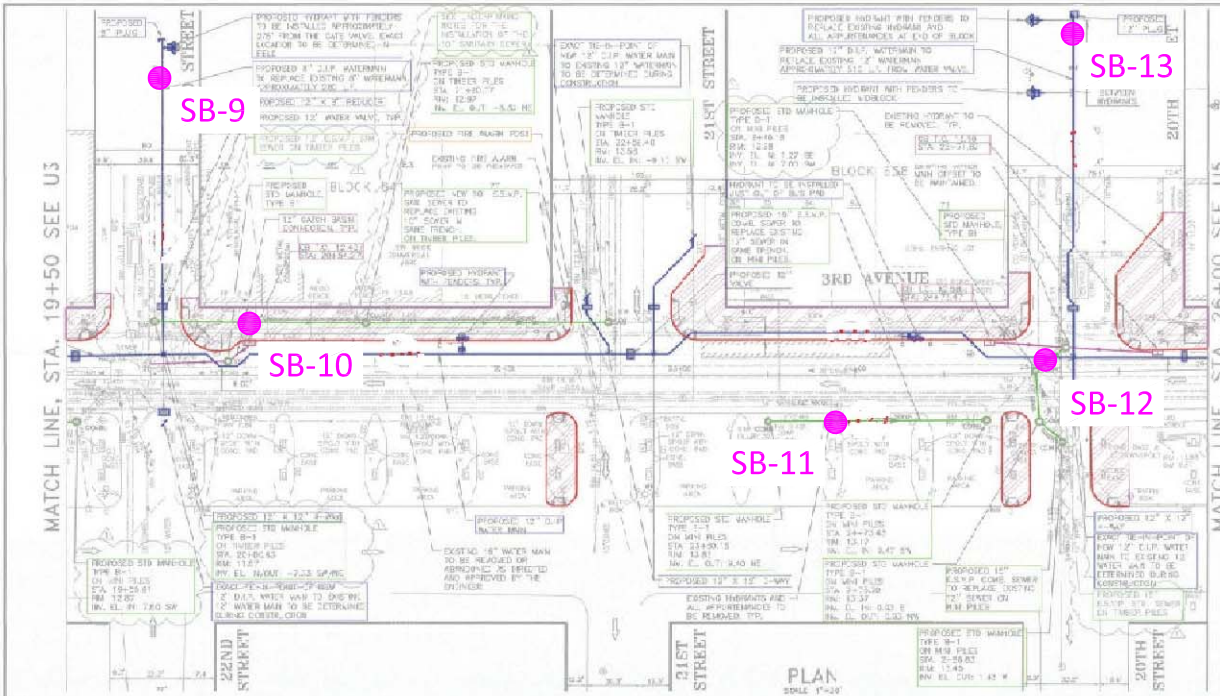
SOIL SAMPLING LOCATION PLAN

RECONSTRUCTION OF BROOKLYN WATERFRONT GREENWAY HAMILTON AVENUE BROOKLYN, NY

Drawn By: HP	Project #	3
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Date: 8/20/2020		
Scale: N.T.S		

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- GENERAL NOTES:**
1. FIRE DEPARTMENT CABLE THE DEPARTMENT'S CABLE HERE. ALLIES HAVE PROVIDED BURIED OR ABOVE-GROUND LOCATION OF CONSTRUCTION.
 2. PRICE QUOTED FOR 3" RIG TO BE ALL IN PLACE. RIG TO BE USED FOR WATER MAIN REPAIRS FOR APPROX. 100' OF THE CONTRACTOR IS TO PROVIDE EXACTLY THE WATER MAIN LOCATIONS AND DEPTHS TO BE EXPOSED BY THIS WORK.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES IN THE CITY.
 4. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TRAFFIC CONTROL MEASURES AT ALL TIMES.
- GENERAL NOTES:**
1. EXCAVATION WITHIN 30' OF STRUCTURES SHALL BE 10' 0" DEEP.
- GENERAL NOTES:**
1. ALL EXISTING UTILITIES TO BE MAINTAINED AND ALL NEW UTILITIES ARE PROPOSED AS SHOWN.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES IN THE CITY.
 3. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TRAFFIC CONTROL MEASURES AT ALL TIMES.
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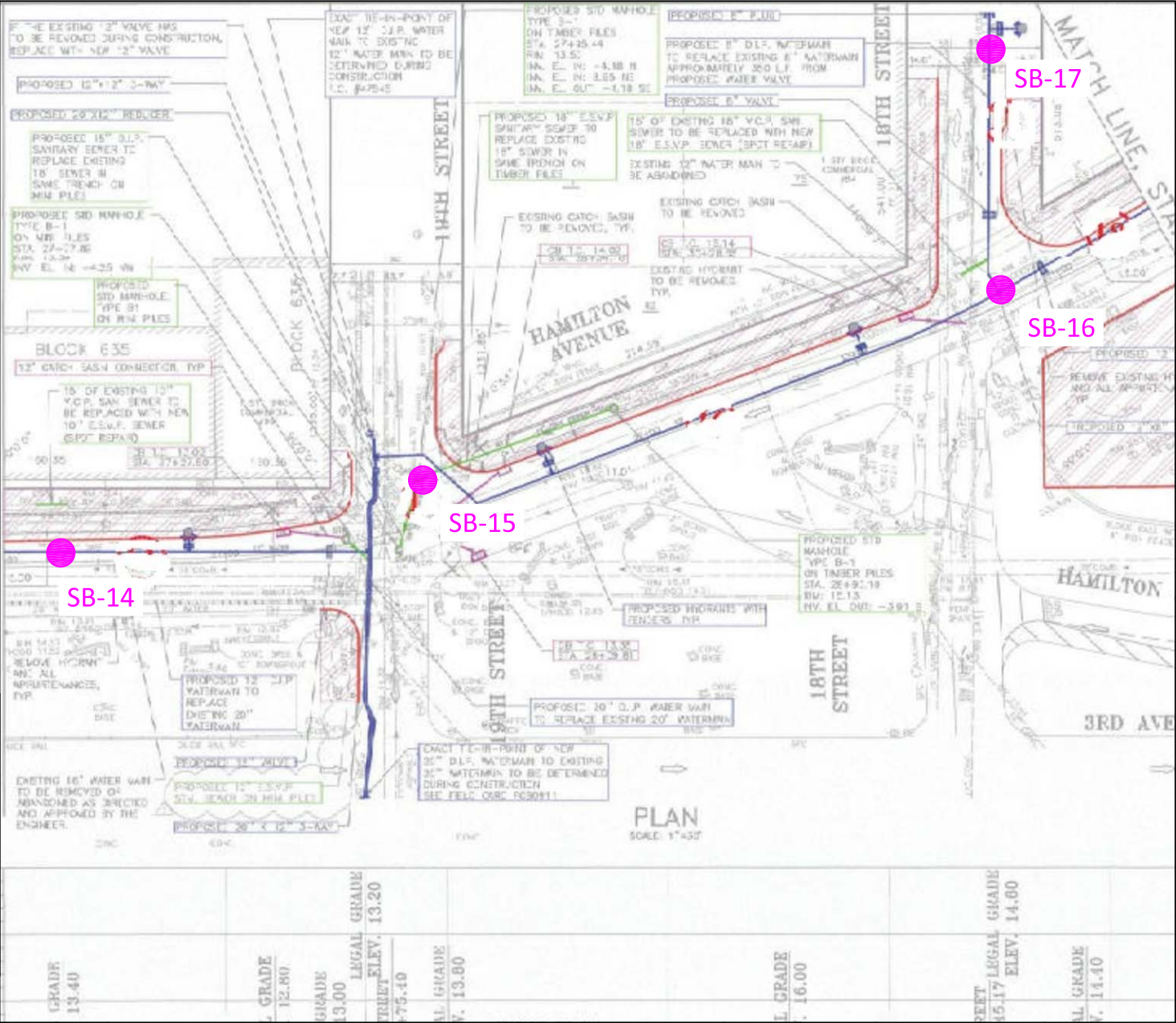
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	Proposed Water Main
	Proposed Combined Sewer

SOIL SAMPLING LOCATION PLAN	
RECONSTRUCTION OF BROOKLYN WATERFRONT GREENWAY HAMILTON AVENUE BROOKLYN, NY	

Drawn By: HP	Project #	Figure #	4
Checked By: PP			
Date: 08/20/2020			
Scale: N.T.S.			
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LEGEND:

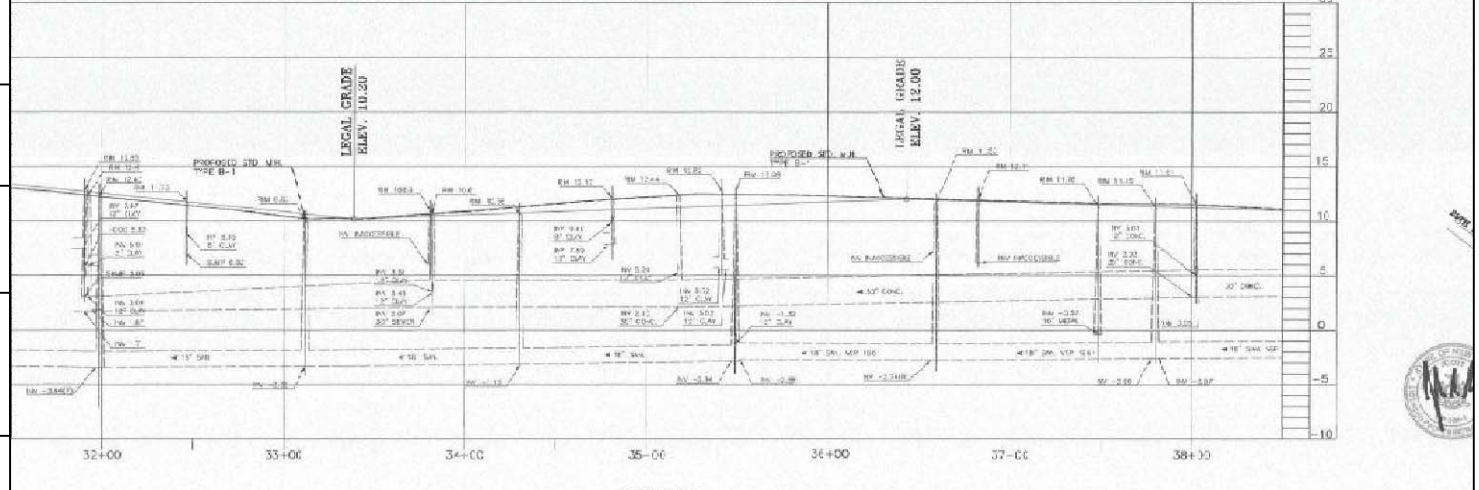
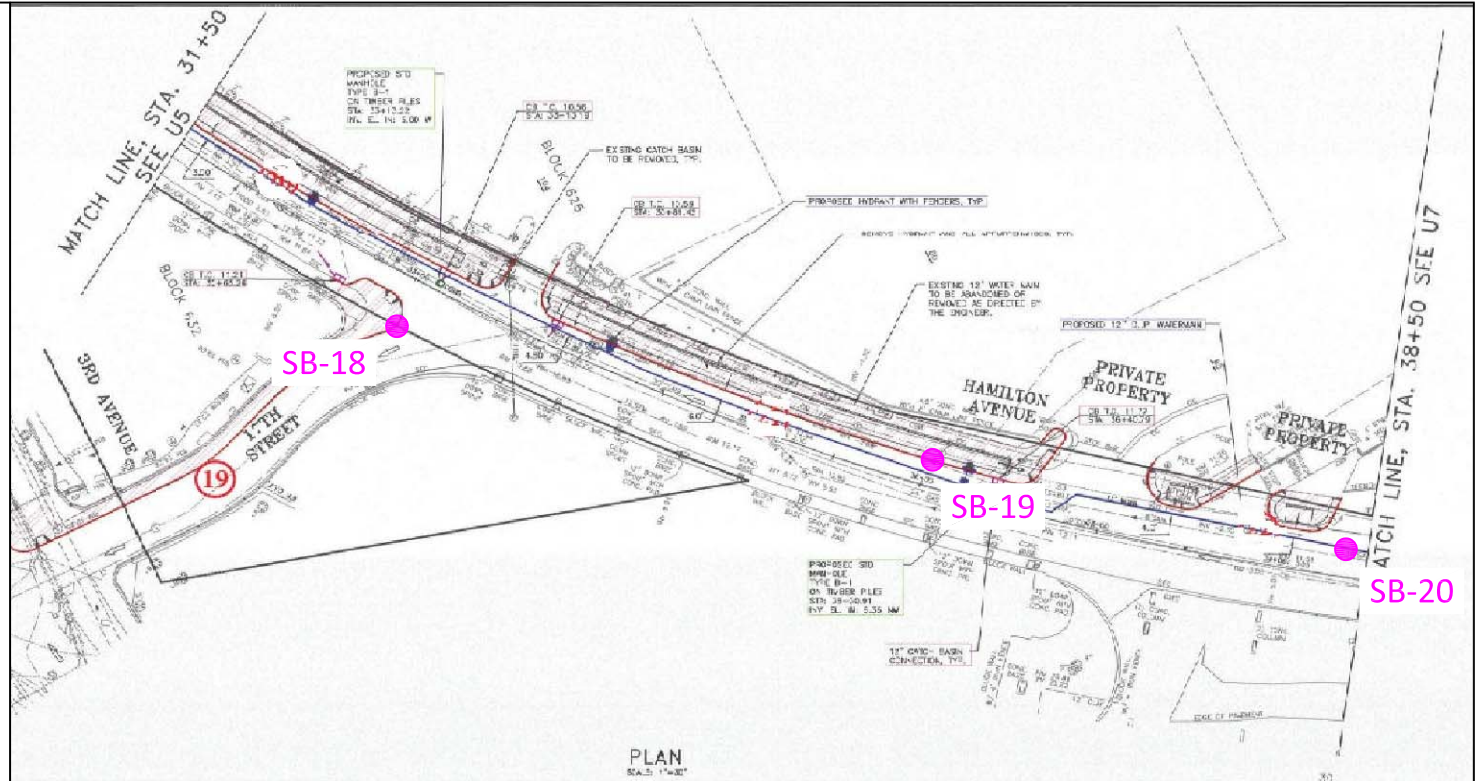
- Proposed Soil Boring Location
- Proposed Water Main
- Proposed Combined Sewer

SOIL SAMPLING LOCATION PLAN

RECONSTRUCTION OF BROOKLYN WATERFRONT GREENWAY HAMILTON AVENUE BROOKLYN, NY

Drawn By:	HP	Project #	5
Checked By:	PP		
Date:	08/20/2020	Figure #	5
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SOIL SAMPLING LOCATION PLAN


RECONSTRUCTION OF BROOKLYN WATERFRONT GREENWAY
HAMILTON AVENUE
BROOKLYN, NY

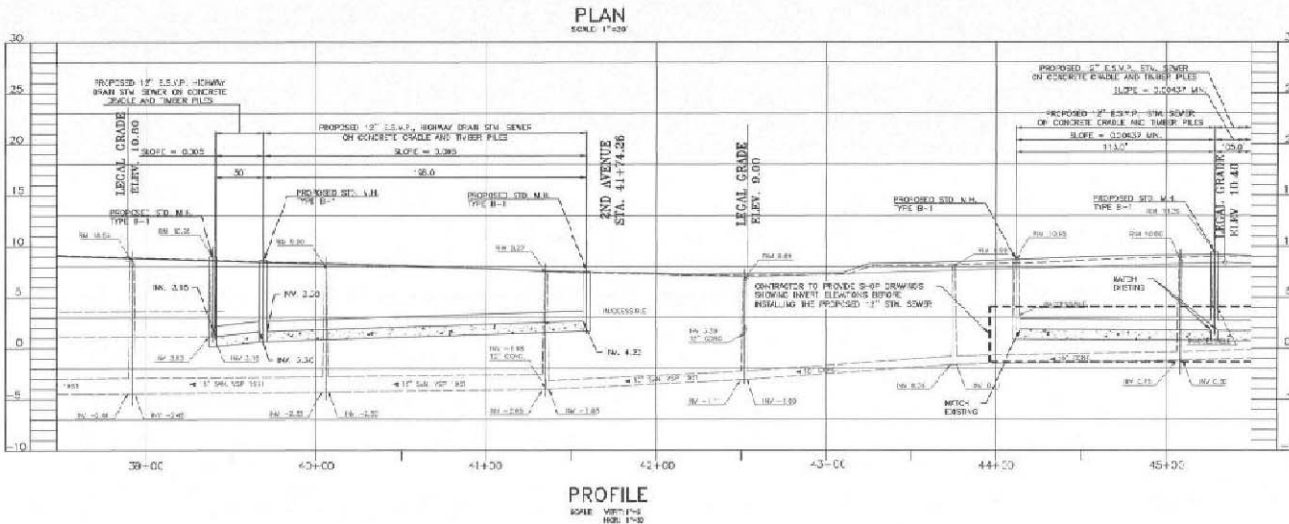
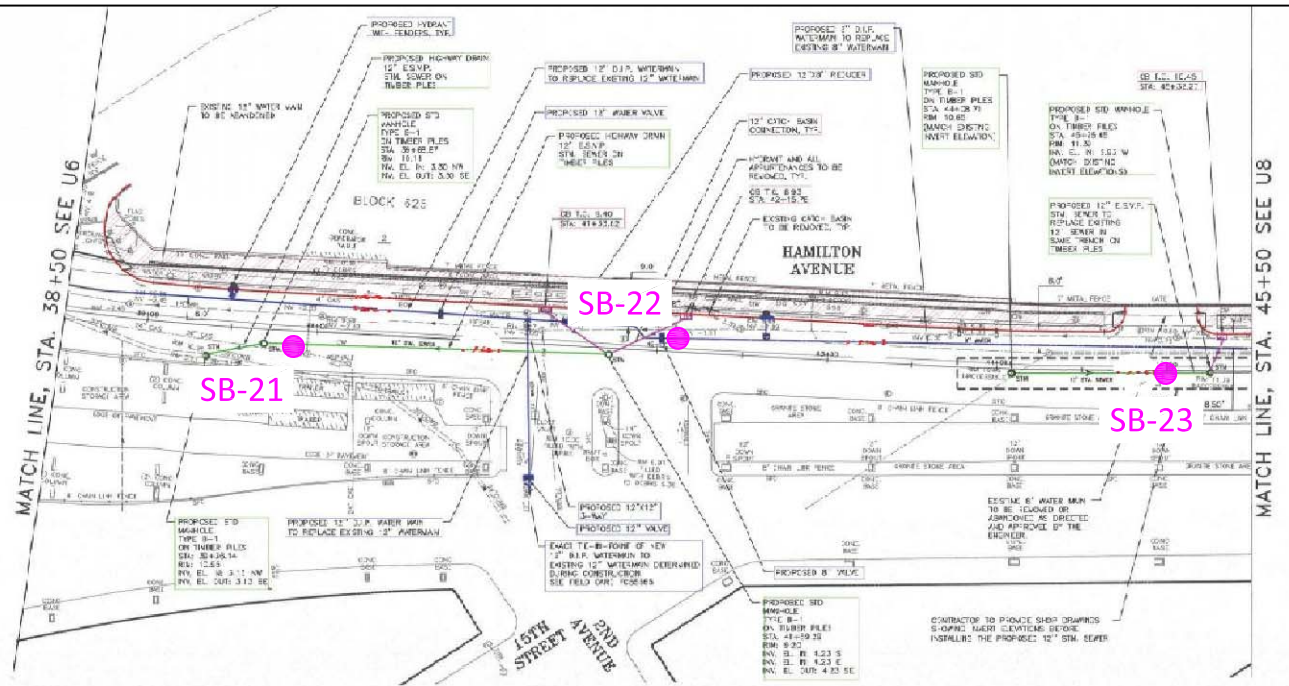
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Project #

Figure # **6**

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ANALYTICAL PARAMETERS

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SOIL SAMPLING LOCATION PLAN

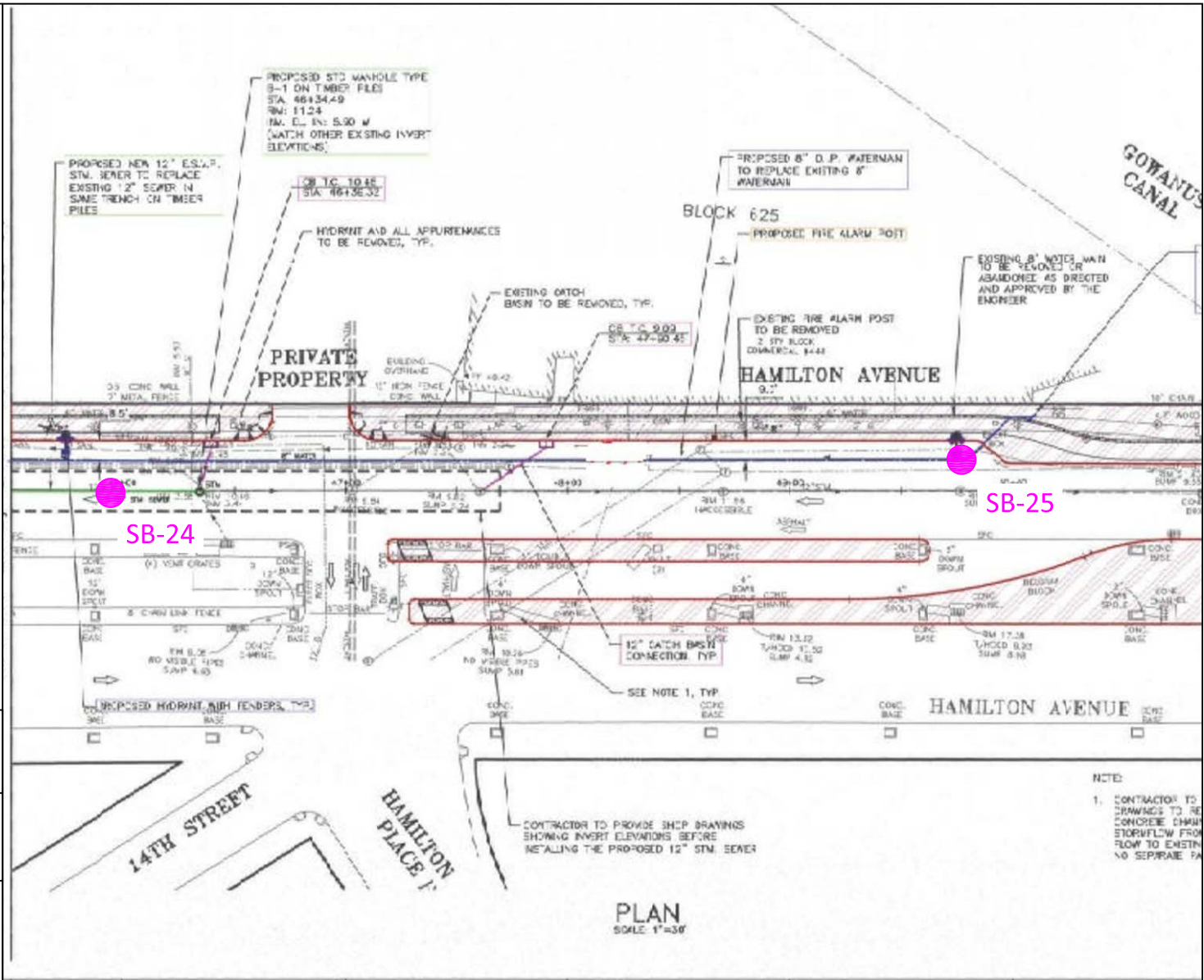
RECONSTRUCTION OF BROOKLYN WATERFRONT GREENWAY
 HAMILTON AVENUE
 BROOKLYN, NY

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Date:	08/20/2020
Scale:	N.T.S

Project #	
Figure #	7



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ANALYTICAL PARAMETERS

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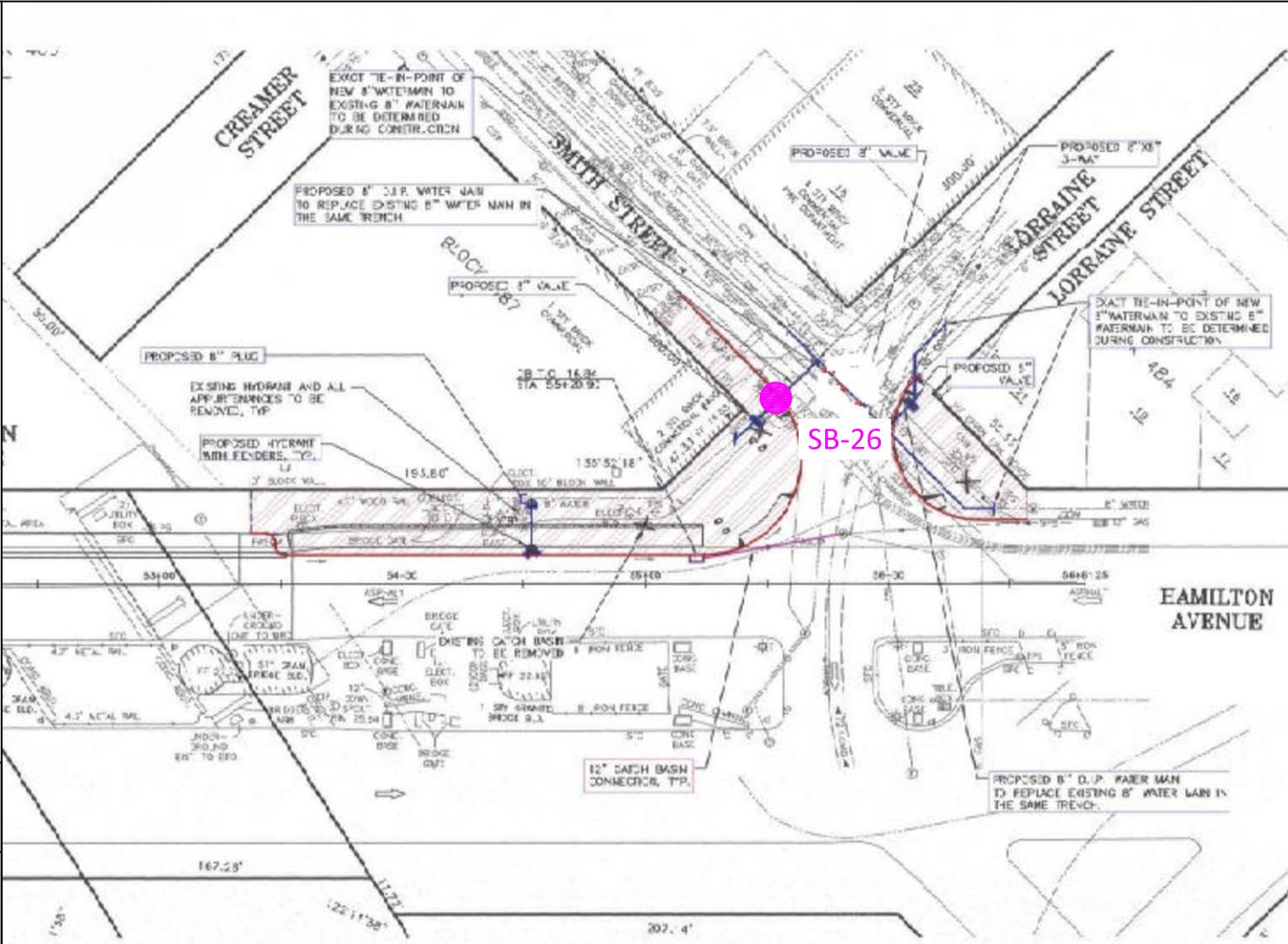
LEGEND:

- Proposed Soil Boring Location
- Proposed Water Main
- Proposed Combined Sewer

SOIL SAMPLING LOCATION PLAN

RECONSTRUCTION OF BROOKLYN WATERFRONT GREENWAY HAMILTON AVENUE BROOKLYN, NY

Drawn By:	HP	Project #	8
Checked By:	PP		
Date:	08/20/2020	Figure #	8
Scale:	N.T.S.	 Ecoterra Consulting, LLC 2 Lakeview Avenue, Suite -1C Piscataway, NJ 08854 Phone: 732-624-9999	



SB-26

PLAN
SCALE: 1"=50'

ANALYTICAL PARAMETERS

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SOIL SAMPLING LOCATION PLAN

RECONSTRUCTION OF BROOKLYN WATERFRONT GREENWAY HAMILTON AVENUE BROOKLYN, NY

Drawn By:	HP	Project #	9
Checked By:	PP		
Date:	08/20/2020	Figure #	9
Scale:	N.T.S		



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TABLES

Table 1 : Soil Sample Summary of Volatile Organics
 Project: HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue , Brooklyn, NY

Sample ID	CAS Number	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1 (g)		SB-2 (g)		SB-3 (g)		SB-5 (g)(Actual SB-4 (g))		SB-5 (g)		SB-6 (g)		SB-7 (g)		SB-8 (g)		SB-9 (g)		SB-10 (g)		SB-11 (g)		SB-12 (g)		SB-13 (g)			
			20G1038-08 7/27/2020 12:00:00 AM	20G1038-07 7/27/2020 12:00:00	20G1038-06 7/27/2020 12:00:00	20G0940-11 7/24/2020 12:00:00 AM	20G1038-05 7/27/2020 12:00:00 AM	20G0940-12 7/24/2020 12:00:00 AM	20G0940-13 7/24/2020 12:00:00 AM	20G0940-14 7/24/2020 12:00:00 AM	20G0940-15 7/24/2020 12:00:00 AM	20G0940-16 7/24/2020 12:00:00 AM	20G0940-17 7/24/2020 12:00:00 AM	20G0940-18 7/24/2020 12:00:00 AM	20G0940-19 7/24/2020 12:00:00 AM	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result
Compound	CAS Number	mg/Kg	mg/Kg	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive																														
Dilution Factor			1		1		1		1.0000		1		100		1		100		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
1,1,1-Trichloroethane	71-55-6	500	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
1,1,2,2-Tetrachloroethane	79-34-5	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
1,1,2-Trichloroethane	79-00-5	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
1,1-Dichloroethane	75-34-3	240	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
1,1-Dichloroethylene	75-35-4	500	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
1,2,3-Trichlorobenzene	87-61-6	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
1,2,3-Trichloropropane	96-18-4	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
1,2,4-Trichlorobenzene	120-82-1	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
1,2,4-Trimethylbenzene	95-63-6	190	0.00640	U	0.00740	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
1,2-Dibromo-3-chloropropane	96-12-8	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
1,2-Dibromoethane	106-93-4	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
1,2-Dichlorobenzene	95-50-1	500	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
1,2-Dichloroethane	107-06-2	30	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
1,2-Dichloropropane	78-87-5	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
1,3,5-Trimethylbenzene	108-67-8	190	0.0120	U	0.0290	J	0.0260	U	0.0270	U	0.0250	U	0.0270	U	0.0230	U	0.0230	U	0.0220	U	0.0290	U	0.0320	U	0.0220	U	0.0280	U	0.0280	U
1,3-Dichlorobenzene	541-73-1	280	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
1,4-Dichlorobenzene	106-46-7	130	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
1,4-Dioxane	123-91-1	130	0.0470	U	0.0580	U	0.0520	U	0.05300	U	0.0500	U	0.0550	U	0.0460	U	0.0460	U	0.0440	U	0.0580	U	0.0640	U	0.0440	U	0.0560	U	0.0560	U
2-Butanone	78-93-3	500	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
2-Hexanone	591-78-6	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
4-Methyl-2-pentanone	108-10-1	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
Acetone	67-64-1	500	0.0370		0.120	B	0.0490		0.75000	BE	0.0200		2.400	D	0.440	BE	0.220	B	0.150	B	2	BE	0.670	BE	0.630	BE	0.850	BE	0.850	BE
Acrolein	107-02-8	~	0.00470	U	0.00580	U	0.00520	U	0.00530	U	0.00500	U	0.00550	U	0.00460	U	0.00460	U	0.00440	U	0.00580	U	0.00640	U	0.00440	U	0.00560	U	0.00560	U
Acrylonitrile	107-13-1	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
Benzene	71-43-2	44	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
Bromochloromethane	74-97-5	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
Bromodichloromethane	75-27-4	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
Bromoform	75-25-2	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
Bromomethane	74-83-9	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
Carbon disulfide	75-15-0	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
Carbon tetrachloride	56-23-5	22	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U	0.00280	U
Chlorobenzene	108-90-7	500	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U</										

Table 1 : Soil Sample Summary of Volatile Organics
 Project: HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue , Brooklyn, NY

Sample ID	CAS Number	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1 (g)		SB-2 (g)		SB-3 (g)		SB-5 (g)(Actual SB-4 (g))		SB-5 (g)		SB-6 (g)		SB-7 (g)		SB-8 (g)		SB-9 (g)		SB-10 (g)		SB-11 (g)		SB-12 (g)		SB-13 (g)	
			20G1038-08		20G1038-07		20G1038-06		20G0940-11		20G1038-05		20G0940-12		20G0940-13		20G0940-14		20G0940-15		20G0940-16		20G0940-17		20G0940-18		20G0940-19	
			7/27/2020 12:00:00 AM		7/27/2020 12:00:00		7/27/2020 12:00:00		7/24/2020 12:00:00 AM		7/27/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Methyl acetate	79-20-9	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U
Methyl tert-butyl ether (MTBE)	1634-04-4	500	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U
Methylcyclohexane	108-87-2	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.0280	U	0.00280	U
Methylene chloride	75-09-2	500	0.00760	J	0.100		0.0470		0.04400		0.0140		0.0410		0.0620		0.980	D	0.0220		0.240		0.0450		0.580	E	0.470	E
n-Butylbenzene	104-51-8	500	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U
n-Propylbenzene	103-65-1	500	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U
o-Xylene	95-47-6	~	0.00330	J	0.00980		0.00260		0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U
p- & m- Xylenes	179601-23-1	~	0.00470	U	0.0130		0.00520		0.00530	U	0.00500	U	0.00550	U	0.00460	U	0.00460	U	0.00440	U	0.00580	U	0.00640	U	0.00440	U	0.00560	U
p-Isopropyltoluene	99-87-6	~	0.00260	J	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U
sec-Butylbenzene	135-98-8	500	0.00250	J	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U
Styrene	100-42-5	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U
tert-Butyl alcohol (TBA)	75-65-0	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U
tert-Butylbenzene	98-06-6	500	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U
Tetrachloroethylene	127-18-4	150	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U
Toluene	108-88-3	500	0.00240	U	0.00550	J	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U
trans-1,2-Dichloroethylene	156-60-5	500	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U
trans-1,3-Dichloropropylene	10061-02-6	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U
trans-1,4-dichloro-2-butene	110-57-6	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U
Trichloroethylene	79-01-6	200	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U
Trichlorofluoromethane	75-69-4	~	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U
Vinyl Chloride	75-01-4	13	0.00240	U	0.00290	U	0.00260	U	0.00270	U	0.00250	U	0.00270	U	0.00230	U	0.00230	U	0.00220	U	0.00290	U	0.00320	U	0.00220	U	0.00280	U
Xylenes, Total	1330-20-7	500	0.00710	U	0.0230		0.00790	U	0.00800	U	0.00750	U	0.00820	U	0.00690	U	0.00690	U	0.00660	U	0.00870	U	0.00960	U	0.00660	U	0.00840	U
Volatile Organics, Tentatively Identified Cmpds.			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor			1		1		1		1.00000		1		1		1		1		1		1		1		1		1	
dimethylCyclohexane isomer ... (01)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0250	J	NT	
dimethylCyclohexane isomer ... (02)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0320	J	NT	
dimethylDecane isomer rt.11...	NA	~	0.0570	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
dimethylHeptane isomer rt. ... (01)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0810	J	NT	
dimethylHeptane isomer rt. ... (02)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0240	J	NT	
dimethylHexane isomer rt. 7...	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0380	J	NT	
dimethylHexane isomer rt.5.604	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.640	J	NT	
Dimethylindane isomer rt.12...	NA	~	0.0680	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
dimethylPentane isomer rt.4...	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0480	J	NT	
dimethylPentane isomer rt.5...	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0190	J	NT	
dimethylUndecane isomer rt....	NA	~	0.210	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Dodecane isomer rt.12.097	NA	~	0.310	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
methylCyclopentane isomer r...	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0300	J	NT	
methylDecane isomer rt.10.094	NA	~	0.0590	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
methylDecane isomer rt.9.846	NA	~	0.0770	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
methylethylBenzene isome r...	NA	~	0.130	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
methylHexane isomer rt.5.348	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0390	J	NT	
methylPentane isomer rt.3.753	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0370	J	NT	
methyltrans-Decalin isomer ...	NA	~	0.200	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Nonadecane isomer rt.11.755	NA	~	0.0820	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
pentylCyclohexane isomer r...	NA	~	0.130	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Tentatively Identified Compounds		~	0	U	0	U	0	U	0.00000	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U

Table 1 : Soil Sample Summary of Volatile Organics
 Project: HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue , Brooklyn, NY

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1 (g)		SB-2 (g)		SB-3 (g)		SB-5 (g)		SB-6 (g)		SB-7 (g)		SB-8 (g)		SB-9 (g)		SB-10 (g)		SB-11 (g)		SB-12 (g)		SB-13 (g)	
York ID			20G1038-08	20G1038-07	20G1038-06	20G0940-11	20G1038-05	20G0940-12	20G0940-13	20G0940-14	20G0940-15	20G0940-16	20G0940-17	20G0940-18	20G0940-19											
Sampling Date		7/27/2020 12:00:00 AM	7/27/2020 12:00:00	7/27/2020 12:00:00	7/24/2020 12:00:00 AM	7/27/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM												
Client Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil												
Compound	CAS Number	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
tetrathydroNaphthalene isom...	NA	~	0.120	J	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
trimethylCyclohexane isomer...	NA	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0240	J	NT	NT	
trimethylPentane isomer rt.... (01)	NA	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0460	J	NT	NT	
trimethylPentane isomer rt.... (02)	NA	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.450	J	NT	NT	
trimethylPentane isomer rt.... (03)	NA	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.580	J	NT	NT	
Undecane isomer rt.10.859	NA	~	0.190	J	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
unknown isomer rt.11.090	NA	~	0.190	J	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
unknown isomer RT.9.741	NA	~	0.0740	J	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	

NOTES:

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit)

but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels

encountered or interferences

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Highlighted concentration is depicted as regulatory exceedance.

Table 1 : Soil Sample Summary of Volatile Organics
 Project: HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue , Brooklyn, NY

Sample ID	NYSDEC Part 375 Restricted Use Soil	SB-14 (g)	SB-15 (g)	SB-16 (g)	SB-17 (g)	SB-18 (g)	SB-19 (g)	SB-20 (g)	SB-21 (g)	SB-22 (g)	SB-23 (g)	SB-24 (g)	SB-25 (g)	SB-26 (g)														
															20G0940-20	20G0886-07	20G0886-08	20G0886-09	20G0886-10	20G0886-11	20G0776-12	20G0886-12	20G0776-11	20G0776-10	20G0776-09	20G0776-08	20G0776-07	
York ID	Use Soil	7/24/2020	7/23/2020	7/23/2020	7/23/2020	7/23/2020	7/23/2020	7/21/2020	7/23/2020	7/21/2020	7/21/2020	7/21/2020	7/21/2020	7/21/2020														
Sampling Date	Objectives-	12:00:00 AM	12:00:00 AM	12:00:00 AM	12:00:00 AM	12:00:00 AM	12:00:00 AM	12:00:00 AM	12:00:00 AM	12:00:00 AM	12:00:00 AM	12:00:00 AM	12:00:00 AM	12:00:00 AM														
Client Matrix	Commercial	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil														
Compound	CAS Number	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q									
Volatile Organics, 8260 - Comprehensive		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg										
Dilution Factor		1		1		1		1		1		1		1		1		1										
1,1,1,2-Tetrachloroethane	630-20-6	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
1,1,1-Trichloroethane	71-55-6	500	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
1,1,2-Tetrachloroethane	79-34-5	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
1,1,2-Trichloroethane	79-00-5	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
1,1-Dichloroethane	75-34-3	240	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
1,1-Dichloroethylene	75-35-4	500	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
1,2,3-Trichlorobenzene	87-61-6	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
1,2,3-Trichloropropane	96-18-4	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
1,2,4-Trichlorobenzene	120-82-1	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
1,2,4-Trimethylbenzene	95-63-6	190	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
1,2-Dibromo-3-chloropropane	96-12-8	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
1,2-Dibromoethane	106-93-4	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
1,2-Dichlorobenzene	95-50-1	500	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
1,2-Dichloroethane	107-06-2	30	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
1,2-Dichloropropane	78-87-5	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
1,3,5-Trimethylbenzene	108-67-8	190	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
1,3-Dichlorobenzene	541-73-1	280	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
1,4-Dichlorobenzene	106-46-7	130	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
1,4-Dioxane	123-91-1	130	0.0680	U	0.0720	U	0.0670	U	0.0740	U	0.0630	U	0.0690	U	0.0470	U	0.0410	U	0.0390	U	0.0560	U	0.0660	U	0.0450	U	0.0510	U
2-Butanone	78-93-3	500	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00520	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
2-Hexanone	591-78-6	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
4-Methyl-2-pentanone	108-10-1	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
Acetone	67-64-1	500	0.0620	B	0.0430	U	0.0660	U	0.130	U	0.0730	U	0.0320	U	0.0680	U	0.0540	U	0.0600	U	0.0840	U	0.110	U	0.0600	U	0.0900	U
Acrolein	107-02-8	~	0.00680	U	0.00720	U	0.00670	U	0.00740	U	0.00630	U	0.00690	U	0.00470	U	0.00410	U	0.00390	U	0.00560	U	0.00660	U	0.00450	U	0.00510	U
Acrylonitrile	107-13-1	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
Benzene	71-43-2	44	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
Bromochloromethane	74-97-5	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
Bromodichloromethane	75-27-4	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
Bromoform	75-25-2	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
Bromomethane	74-83-9	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
Carbon disulfide	75-15-0	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00540	B	0.00290	J	0.00450	B	0.00810	B	0.00760	B	0.00530	B	0.00630	B
Carbon tetrachloride	56-23-5	22	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
Chlorobenzene	108-90-7	500	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
Chloroethane	75-00-3	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
Chloroform	67-66-3	350	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
Chloromethane																												

Table 1 : Soil Sample Summary of Volatile Organics
 Project: HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue , Brooklyn, NY

Sample ID	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-14 (g)	SB-15 (g)		SB-16 (g)		SB-17 (g)		SB-18 (g)		SB-19 (g)		SB-20 (g)		SB-21 (g)		SB-22 (g)		SB-23 (g)		SB-24 (g)		SB-25 (g)		SB-26 (g)			
			20G0940-20 7/24/2020 12:00:00 AM	20G0886-07 7/23/2020 12:00:00 AM	20G0886-08 7/23/2020 12:00:00 AM	20G0886-09 7/23/2020 12:00:00 AM	20G0886-10 7/23/2020 12:00:00 AM	20G0886-11 7/23/2020 12:00:00 AM	20G0776-12 7/21/2020 12:00:00 AM	20G0886-12 7/23/2020 12:00:00 AM	20G0776-11 7/21/2020 12:00:00 AM	20G0776-10 7/21/2020 12:00:00 AM	20G0776-09 7/21/2020 12:00:00 AM	20G0776-08 7/21/2020 12:00:00 AM	20G0776-07 7/21/2020 12:00:00 AM													
Client Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
Compound	CAS Number	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Methyl acetate	79-20-9	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
Methyl tert-butyl ether (MTBE)	1634-04-4	500	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
Methylcyclohexane	108-87-2	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
Methylene chloride	75-09-2	500	0.0270		0.0390		0.0870		0.190		0.0430		0.0180		0.0530		0.0340		0.0580		0.0740		0.140		0.0800		0.0980	
n-Butylbenzene	104-51-8	500	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
n-Propylbenzene	103-65-1	500	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
o-Xylene	95-47-6	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
p- & m- Xylenes	179601-23-1	~	0.00680	U	0.00720	U	0.00670	U	0.00740	U	0.00630	U	0.00690	U	0.00470	U	0.00410	U	0.00390	U	0.00560	U	0.00660	U	0.00450	U	0.00510	U
p-Isopropyltoluene	99-87-6	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
sec-Butylbenzene	135-98-8	500	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
Styrene	100-42-5	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
tert-Butyl alcohol (TBA)	75-65-0	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00760	J	0.00200	U	0.00700	J	0.00280	U	0.00330	U	0.00230	U	0.00250	U
tert-Butylbenzene	98-06-6	500	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
Tetrachloroethylene	127-18-4	150	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
Toluene	108-88-3	500	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
trans-1,2-Dichloroethylene	156-60-5	500	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
trans-1,3-Dichloropropylene	10061-02-6	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
trans-1,4-dichloro-2-butene	110-57-6	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
Trichloroethylene	79-01-6	200	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
Trichlorofluoromethane	75-69-4	~	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
Vinyl Chloride	75-01-4	13	0.00340	U	0.00360	U	0.00330	U	0.00370	U	0.00320	U	0.00350	U	0.00230	U	0.00200	U	0.00200	U	0.00280	U	0.00330	U	0.00230	U	0.00250	U
Xylenes, Total	1330-20-7	500	0.0100	U	0.0110	U	0.0100	U	0.0110	U	0.00950	U	0.0100	U	0.00700	U	0.00610	U	0.00590	U	0.00840	U	0.00990	U	0.00680	U	0.00760	U
Volatile Organics, Tentatively Identified Cmpds.			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor			1		1		1		1		1		1		1		1		1		1		1		1		1	
dimethylCyclohexane isomer ... (01)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
dimethylCyclohexane isomer ... (02)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
dimethylDecane isomer rt.11...	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
dimethylHeptane isomer rt. ... (01)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
dimethylHeptane isomer rt. ... (02)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
dimethylHexane isomer rt. 7...	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
dimethylHexane isomer rt.5.604	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Dimethylindane isomer rt.12...	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
dimethylPentane isomer rt.4...	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
dimethylPentane isomer rt.5...	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
dimethylUndecane isomer rt....	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Dodecane isomer rt.12.097	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
methylCyclopentane isomer r...	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
methylDecane isomer rt.10.094	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
methylDecane isomer rt.9.846	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
methylethylBenzene isome r...	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
methylHexane isomer rt.5.348	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
methylPentane isomer rt.3.753	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
methyltrans-Decalin isomer ...	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Nonadecane isomer rt.11.755	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
pentylCyclohexane isomer r...	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Tentatively Identified Compounds		~	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U

Table 1 : Soil Sample Summary of Volatile Organics
 Project: HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue , Brooklyn, NY

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-14 (g)		SB-15 (g)		SB-16 (g)		SB-17 (g)		SB-18 (g)		SB-19 (g)		SB-20 (g)		SB-21 (g)		SB-22 (g)		SB-23 (g)		SB-24 (g)		SB-25 (g)		SB-26 (g)	
York ID			20G0940-20	20G0886-07	20G0886-08	20G0886-09	20G0886-10	20G0886-11	20G0776-12	20G0886-12	20G0776-11	20G0776-10	20G0776-09	20G0776-08	20G0776-07													
Sampling Date			7/24/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/21/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/21/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/21/2020 12:00:00 AM	7/21/2020 12:00:00 AM	7/21/2020 12:00:00 AM													
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
tetrathydroNaphthalene isom...	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
trimethylCyclohexane isomer...	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
trimethylPentane isomer rt.... (01)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
trimethylPentane isomer rt.... (02)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
trimethylPentane isomer rt.... (03)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Undecane isomer rt.10.859	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
unknown isomer rt.11.090	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
unknown isomer RT.9.741	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	

NOTES:

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit)

but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels

encountered or interferences

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Highlighted concentration is depicted as regulatory exceedance.

Table 2 :Soil Sample Summary of Semi-Volatile Organics, Pesticides,
Herbicides, PCBs, Metals and Miscellaneous Parameters
Project : HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1 (Comp)		SB-2 (Comp)		SB-3 (Comp)		SB-5 (Comp)		SB-5 (Comp) (Acutal SB-4 (Comp))		SB-6 (Comp)		SB-7 (Comp)		SB-8 (Comp)		SB-9 (Comp)		SB-10 (Comp)			
York ID			20G1038-04		20G1038-03		20G1038-02		20G1038-01		20G0940-01		20G0940-02		20G0940-03		20G0940-04		20G0940-05		20G0940-06			
Sampling Date			7/27/2020 12:00:00 AM		7/27/2020 12:00:00 AM		7/27/2020 12:00:00 AM		7/27/2020 12:00:00 AM		7/24/2020 0:00		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM			
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 8270 - Comprehensive		mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			10		2		2		2		2		2		2		2		2		2		2	
1,1-Biphenyl	92-52-4	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
1,2,4,5-Tetrachlorobenzene	95-94-3	~	0.673	U	0.0977	U	0.0918	U	0.0876	U	0.0930	U	0.0927	U	0.0912	U	0.149	U	0.0944	U	0.0957	U		
1,2,4-Trichlorobenzene	120-82-1	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
1,2-Dichlorobenzene	95-50-1	500	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
1,3-Dichlorobenzene	541-73-1	280	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
1,4-Dichlorobenzene	106-46-7	130	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
2,3,4,6-Tetrachlorophenol	58-90-2	~	0.673	U	0.0977	U	0.0918	U	0.0876	U	0.0930	U	0.0927	U	0.0912	U	0.149	U	0.0944	U	0.0957	U		
2,4,5-Trichlorophenol	95-95-4	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
2,4,6-Trichlorophenol	88-06-2	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
2,4-Dichlorophenol	120-83-2	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
2,4-Dimethylphenol	105-67-9	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
2,4-Dinitrophenol	51-28-5	~	0.673	U	0.0977	U	0.0918	U	0.0876	U	0.0930	U	0.0927	U	0.0912	U	0.149	U	0.0944	U	0.0957	U		
2,4-Dinitrotoluene	121-14-2	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
2,6-Dinitrotoluene	606-20-2	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
2-Chloronaphthalene	91-58-7	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
2-Chlorophenol	95-57-8	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
2-Methylnaphthalene	91-57-6	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
2-Methylphenol	95-48-7	500	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
2-Nitroaniline	88-74-4	~	0.673	U	0.0977	U	0.0918	U	0.0876	U	0.0930	U	0.0927	U	0.0912	U	0.149	U	0.0944	U	0.0957	U		
2-Nitrophenol	88-75-5	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
3- & 4-Methylphenols	65794-96-9	500	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
3,3-Dichlorobenzidine	91-94-1	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
3-Nitroaniline	99-09-2	~	0.673	U	0.0977	U	0.0918	U	0.0876	U	0.0930	U	0.0927	U	0.0912	U	0.149	U	0.0944	U	0.0957	U		
4,6-Dinitro-2-methylphenol	534-52-1	~	0.673	U	0.0977	U	0.0918	U	0.0876	U	0.0930	U	0.0927	U	0.0912	U	0.149	U	0.0944	U	0.0957	U		
4-Bromophenyl phenyl ether	101-55-3	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
4-Chloro-3-methylphenol	59-50-7	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
4-Chloroaniline	106-47-8	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
4-Chlorophenyl phenyl ether	7005-72-3	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
4-Nitroaniline	100-01-6	~	0.673	U	0.0977	U	0.0918	U	0.0876	U	0.0930	U	0.0927	U	0.0912	U	0.149	U	0.0944	U	0.0957	U		
4-Nitrophenol	100-02-7	~	0.673	U	0.0977	U	0.0918	U	0.0876	U	0.0930	U	0.0927	U	0.0912	U	0.149	U	0.0944	U	0.0957	U		
Acenaphthene	83-32-9	500	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
Acenaphthylene	208-96-8	500	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0505	JD	0.0479	U		
Acetophenone	98-86-2	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
Aniline	62-53-3	~	1.350	U	0.196	U	0.184	U	0.176	U	0.186	U	0.186	U	0.183	U	0.299	U	0.189	U	0.192	U		
Anthracene	120-12-7	500	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0927	D	0.0457	U	0.146	JD	0.120	D	0.249	D		
Atrazine	1912-24-9	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
Benzaldehyde	100-52-7	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U		
Benzidine	92-87-5	~	1.350	U	0.196	U	0.184	U	0.176	U	0.186	U	0.186	U	0.183	U	0.299	U	0.189	U	0.192	U		
Benzo(a)anthracene	56-55-3	5.6	0.656	JD	0.0490	U	0.0572	JD	0.0617	JD	0.0466	U	0.408	D	0.0457	U	0.370	D	0.465	D	0.912	D		

Table 2 :Soil Sample Summary of Semi-Volatile Organics, Pesticides,
Herbicides, PCBs, Metals and Miscellaneous Parameters
Project : HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1 (Comp)		SB-2 (Comp)		SB-3 (Comp)		SB-5 (Comp)		SB-5 (Comp) (Acutal SB-4 (Comp))		SB-6 (Comp)		SB-7 (Comp)		SB-8 (Comp)		SB-9 (Comp)		SB-10 (Comp)		
York ID			20G1038-04		20G1038-03		20G1038-02		20G1038-01		20G0940-01		20G0940-02		20G0940-03		20G0940-04		20G0940-05		20G0940-06		
Sampling Date			7/27/2020 12:00:00 AM		7/27/2020 12:00:00 AM		7/27/2020 12:00:00 AM		7/27/2020 12:00:00 AM		7/24/2020 0:00		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Benzo(a)pyrene	50-32-8	1	0.554	JD	0.0490	U	0.0859	JD	0.0715	JD	0.0466	U	0.423	D	0.0457	U	0.323	D	0.480	D	0.793	D	
Benzo(b)fluoranthene	205-99-2	5.6	0.441	JD	0.0490	U	0.0734	JD	0.0652	JD	0.0466	U	0.398	D	0.0457	U	0.269	D	0.389	D	0.705	D	
Benzo(g,h,i)perylene	191-24-2	500	0.419	JD	0.0490	U	0.0609	JD	0.0490	JD	0.0466	U	0.269	D	0.0457	U	0.181	D	0.302	D	0.459	D	
Benzo(k)fluoranthene	207-08-9	56	0.419	JD	0.0490	U	0.0602	JD	0.0554	JD	0.0466	U	0.360	D	0.0457	U	0.252	D	0.364	D	0.669	D	
Benzoic acid	65-85-0	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
Benzyl alcohol	100-51-6	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
Benzyl butyl phthalate	85-68-7	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
Bis(2-chloroethoxy)methane	111-91-1	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
Bis(2-chloroethyl)ether	111-44-4	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
Bis(2-chloroisopropyl)ether	108-60-1	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
Bis(2-ethylhexyl)phthalate	117-81-7	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
Caprolactam	105-60-2	~	0.673	U	0.0977	U	0.0918	U	0.0876	U	0.0930	U	0.0927	U	0.0912	U	0.149	U	0.0944	U	0.0957	U	
Carbazole	86-74-8	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0847	JD	0.0473	U	0.0479	U	
Chrysene	218-01-9	56	0.613	JD	0.0490	U	0.0587	JD	0.0561	JD	0.0466	U	0.400	D	0.0457	U	0.345	D	0.434	D	0.814	D	
Dibenzo(a,h)anthracene	53-70-3	0.56	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0964	D	0.0457	U	0.0748	U	0.102	D	0.176	D	
Dibenzofuran	132-64-9	350	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
Diethyl phthalate	84-66-2	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
Dimethyl phthalate	131-11-3	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
Di-n-butyl phthalate	84-74-2	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
Di-n-octyl phthalate	117-84-0	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
Diphenylamine	122-39-4	~	0.673	U	0.0977	U	0.0918	U	0.0876	U	0.0930	U	0.0927	U	0.0912	U	0.149	U	0.0944	U	0.0957	U	
Fluoranthene	206-44-0	500	1.100	D	0.0490	U	0.105	D	0.102	D	0.0466	U	0.737	D	0.0540	JD	0.809	D	0.833	D	1.810	D	
Fluorene	86-73-7	500	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0641	JD	0.0512	JD	
Hexachlorobenzene	118-74-1	6	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
Hexachlorobutadiene	87-68-3	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
Hexachlorocyclopentadiene	77-47-4	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
Hexachloroethane	67-72-1	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
Indeno(1,2,3-cd)pyrene	193-39-5	5.6	0.339	JD	0.0490	U	0.0514	JD	0.0441	JD	0.0466	U	0.251	D	0.0457	U	0.172	D	0.253	D	0.462	D	
Isophorone	78-59-1	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
Naphthalene	91-20-3	500	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
Nitrobenzene	98-95-3	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
N-Nitrosodimethylamine	62-75-9	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
N-nitroso-di-n-propylamine	621-64-7	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
N-Nitrosodiphenylamine	86-30-6	~	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
Pentachlorophenol	87-86-5	6.7	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
Phenanthrene	85-01-8	500	0.645	JD	0.0490	U	0.0460	U	0.0455	JD	0.0466	U	0.380	D	0.0457	U	0.637	D	0.420	D	0.846	D	
Phenol	108-95-2	500	0.337	U	0.0490	U	0.0460	U	0.0439	U	0.0466	U	0.0465	U	0.0457	U	0.0748	U	0.0473	U	0.0479	U	
Pyrene	129-00-0	500	1.230	D	0.0490	U	0.101	D	0.0904	D	0.0466	U	0.635	D	0.0481	JD	0.648	D	0.759	D	1.530	D	
Semi-Volatiles, Tentatively Identified Cmpds.			mg/kg		mg/kg		mg/kg		mg/kg														
Dilution Factor			10		2		2		2														
5Unknown PAH MW=240 RT=16.778			NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		

Table 2 :Soil Sample Summary of Semi-Volatile Organics, Pesticides,
Herbicides, PCBs, Metals and Miscellaneous Parameters
Project : HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1 (Comp)		SB-2 (Comp)		SB-3 (Comp)		SB-5 (Comp)		SB-5 (Comp) (Acutal SB-4 (Comp))		SB-6 (Comp)		SB-7 (Comp)		SB-8 (Comp)		SB-9 (Comp)		SB-10 (Comp)		
York ID			20G1038-04		20G1038-03		20G1038-02		20G1038-01		20G0940-01		20G0940-02		20G0940-03		20G0940-04		20G0940-05		20G0940-06		
Sampling Date			7/27/2020 12:00:00 AM		7/27/2020 12:00:00 AM		7/27/2020 12:00:00 AM		7/27/2020 12:00:00 AM		7/24/2020 0:00		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Benzene Isomer RT=19.599	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Coronene isomer	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Dibenz[a,h]acridine Isomer	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Dibenzopyrene Isomer (01)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Dibenzopyrene Isomer (02)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Dibenzopyrene Isomer (03)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Dichloro hydroxy Benzaldehy...	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Dinaphtho furan isomer	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Tentatively Identified Compounds		~	0	U	0	U	0	U	0	U	NT		NT		NT		NT		NT		NT		
Unknown (01)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown (02)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown (03)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH (01)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH (02)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH (03)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH (04)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH (05)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH (06)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH (07)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH (08)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH (09)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH (10)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH (11)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH (12)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=216 RT=13.669	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=228 RT=15.887	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=242 RT=16.554	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=252 RT=18.207	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=252 RT=18.536	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=252 RT=18.557	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=253 RT=17.689	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=264 RT=19.638	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=266 RT=19.090	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=266 RT=19.177	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=266 RT=19.318	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=266 RT=19.476	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=276 RT=21.637	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=278 RT=19.012	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=278 RT=21.035	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=278 RT=21.119	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=300 RT=19.293	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=302 RT=17.189	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		

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Project : HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1 (Comp)		SB-2 (Comp)		SB-3 (Comp)		SB-5 (Comp)		SB-5 (Comp) (Acutal SB-4 (Comp))		SB-6 (Comp)		SB-7 (Comp)		SB-8 (Comp)		SB-9 (Comp)		SB-10 (Comp)		
York ID			20G1038-04		20G1038-03		20G1038-02		20G1038-01		20G0940-01		20G0940-02		20G0940-03		20G0940-04		20G0940-05		20G0940-06		
Sampling Date			7/27/2020 12:00:00 AM		7/27/2020 12:00:00 AM		7/27/2020 12:00:00 AM		7/27/2020 12:00:00 AM		7/24/2020 0:00		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Unknown PAH MW=302 RT=19.652	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=302 RT=19.889	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown RT=12.586	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown RT=19.759	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown RT=19.846	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown RT=20.317	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Pesticides, 8081 target list		mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		
Dilution Factor			5		5		5		5		5		5		5		5		5		5		
4,4'-DDD	72-54-8	92	0.00176	U	0.00197	U	0.00182	U	0.00173	U	0.00186	U	0.00185	U	0.00182	U	0.00295	U	0.00188	U	0.00191	U	
4,4'-DDE	72-55-9	62	0.00176	U	0.00197	U	0.00182	U	0.00173	U	0.00186	U	0.00185	U	0.00182	U	0.00295	U	0.00188	U	0.00191	U	
4,4'-DDT	50-29-3	47	0.00176	U	0.00197	U	0.00182	U	0.00173	U	0.00186	U	0.00185	U	0.00182	U	0.00295	U	0.00188	U	0.00191	U	
Aldrin	309-00-2	0.68	0.00176	U	0.00197	U	0.00182	U	0.00173	U	0.00186	U	0.00185	U	0.00182	U	0.00295	U	0.00188	U	0.00191	U	
alpha-BHC	319-84-6	3.4	0.00176	U	0.00197	U	0.00182	U	0.00173	U	0.00186	U	0.00185	U	0.00182	U	0.00295	U	0.00188	U	0.00191	U	
alpha-Chlordane	5103-71-9	24	0.00176	U	0.00197	U	0.00182	U	0.00173	U	0.00186	U	0.00185	U	0.00182	U	0.00295	U	0.00188	U	0.00191	U	
beta-BHC	319-85-7	3	0.00176	U	0.00197	U	0.00182	U	0.00173	U	0.00186	U	0.00185	U	0.00182	U	0.00295	U	0.00188	U	0.00191	U	
Chlordane, total	57-74-9	~	0.0351	U	0.0394	U	0.0363	U	0.0347	U	0.0372	U	0.0371	U	0.0365	U	0.0591	U	0.0376	U	0.0381	U	
delta-BHC	319-86-8	500	0.00176	U	0.00197	U	0.00182	U	0.00173	U	0.00186	U	0.00185	U	0.00182	U	0.00295	U	0.00188	U	0.00191	U	
Dieldrin	60-57-1	1.4	0.00176	U	0.00197	U	0.00182	U	0.00173	U	0.00186	U	0.00185	U	0.00182	U	0.00295	U	0.00188	U	0.00191	U	
Endosulfan I	959-98-8	200	0.00176	U	0.00197	U	0.00182	U	0.00173	U	0.00186	U	0.00185	U	0.00182	U	0.00295	U	0.00188	U	0.00191	U	
Endosulfan II	33213-65-9	200	0.00176	U	0.00197	U	0.00182	U	0.00173	U	0.00186	U	0.00185	U	0.00182	U	0.00295	U	0.00188	U	0.00191	U	
Endosulfan sulfate	1031-07-8	200	0.00176	U	0.00197	U	0.00182	U	0.00173	U	0.00186	U	0.00185	U	0.00182	U	0.00295	U	0.00188	U	0.00191	U	
Endrin	72-20-8	89	0.00176	U	0.00197	U	0.00182	U	0.00173	U	0.00186	U	0.00185	U	0.00182	U	0.00295	U	0.00188	U	0.00191	U	
Endrin aldehyde	7421-93-4	~	0.00176	U	0.00197	U	0.00182	U	0.00173	U	0.00186	U	0.00185	U	0.00182	U	0.00295	U	0.00188	U	0.00191	U	
Endrin ketone	53494-70-5	~	0.00176	U	0.00197	U	0.00182	U	0.00173	U	0.00186	U	0.00185	U	0.00182	U	0.00295	U	0.00188	U	0.00191	U	
gamma-BHC (Lindane)	58-89-9	9.2	0.00176	U	0.00197	U	0.00182	U	0.00173	U	0.00186	U	0.00185	U	0.00182	U	0.00295	U	0.00188	U	0.00191	U	
gamma-Chlordane	5566-34-7	~	0.00176	U	0.00197	U	0.00182	U	0.00173	U	0.00186	U	0.00185	U	0.00182	U	0.00295	U	0.00188	U	0.00191	U	
Heptachlor	76-44-8	15	0.00176	U	0.00197	U	0.00182	U	0.00173	U	0.00186	U	0.00185	U	0.00182	U	0.00295	U	0.00188	U	0.00191	U	
Heptachlor epoxide	1024-57-3	~	0.00176	U	0.00197	U	0.00182	U	0.00173	U	0.00186	U	0.00185	U	0.00182	U	0.00295	U	0.00188	U	0.00191	U	
Methoxychlor	72-43-5	~	0.00878	U	0.00986	U	0.00908	U	0.00867	U	0.00929	U	0.00926	U	0.00912	U	0.0148	U	0.00940	U	0.00953	U	
Toxaphene	8001-35-2	~	0.0889	U	0.0998	U	0.0919	U	0.0878	U	0.0941	U	0.0938	U	0.0923	U	0.149	U	0.0951	U	0.0964	U	
NJDEP EPH (Cat. 2 Non-Fractionated)			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		
Dilution Factor			1		1		1		1		1		1		1		1		1		1		
Total EPH		~	267		58.400	U	54.700	U	52.400	U	55.600	U	54.900	U	51.500	U	58.200	U	54.600	U	53.600	U	
Metals, Target Analyte		mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		
Dilution Factor			1		1		1		1		1		1		1		1		1		1		
Aluminum	7429-90-5	~	6,420		10,400		5,650		4,840		4,600		7,420		6,010		9,810		5,410		4,910		
Antimony	7440-36-0	~	2.730	U	2.950	U	2.760	U	2.640	U	2.840	U	2.830	U	2.780	U	3.030	U	2.870	U	2.900	U	
Arsenic	7440-38-2	16	3.810		1.770	U	1.660	U	1.890		74.300		2.920		1.670	U	3.200		5.140		4.760		
Barium	7440-39-3	400	89.800		32.700		52		27.100		37.500		81.100		27.700		154		224		37.500		
Beryllium	7440-41-7	590	0.0550	U	0.0590	U	0.0550	U	0.0530	U	0.0570	U	0.0570	U	0.0560	U	0.0610	U	0.0570	U	0.0580	U	
Cadmium	7440-43-9	9.3	0.328	U	0.354	U	0.331	U	0.317	U	0.340	U	0.339	U	0.334	U	1.490		0.413		0.348	U	
Calcium	7440-70-2	~	41,400		610		6,760		3,690		6,410		2,640		1,040		2,340		6,050		2,810		

Table 2 :Soil Sample Summary of Semi-Volatile Organics, Pesticides,
Herbicides, PCBs, Metals and Miscellaneous Parameters
Project : HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1 (Comp)		SB-2 (Comp)		SB-3 (Comp)		SB-5 (Comp)		SB-5 (Comp) (Acutal SB-4 (Comp))		SB-6 (Comp)		SB-7 (Comp)		SB-8 (Comp)		SB-9 (Comp)		SB-10 (Comp)			
York ID			20G1038-04		20G1038-03		20G1038-02		20G1038-01		20G0940-01		20G0940-02		20G0940-03		20G0940-04		20G0940-05		20G0940-06			
Sampling Date			7/27/2020 12:00:00 AM		7/27/2020 12:00:00 AM		7/27/2020 12:00:00 AM		7/27/2020 12:00:00 AM		7/24/2020 0:00		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM			
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Chromium	7440-47-3	~	13.600		13.100		14.500		9.620		16.300		15.200		11.600		28.400		13.900		10.400			
Cobalt	7440-48-4	~	5.270		6.880		7.630		5.150		4.600		7.200		5.390		10.400		5.780		5.580			
Copper	7440-50-8	270	30.500		12.900		19.600		16.200		16.900	B	50.800	B	17.700	B	39	B	85.300	B	22.300	B		
Iron	7439-89-6	~	12,300		16,300		11,300		12,400		10,800		14,400		11,300		16,300		17,600		16,200			
Lead	7439-92-1	1000	163		6.880		52		27.800		99.400		179		81.800		164		806		40			
Magnesium	7439-95-4	~	19,600		2,880		5,020		2,020		1,600		2,160		1,990		3,900		2,040		1,430			
Manganese	7439-96-5	10000	240		130		280		188		208		242		165		159		207		172			
Nickel	7440-02-0	310	19		12.400		33.900		11.500		11.700		21.100		16.400		52.100		16.300		11.900			
Potassium	7440-09-7	~	1,010		1,180		1,470		997		764		1,110		747		1,100		907		819			
Selenium	7782-49-2	1500	7.780		2.950	U	2.760	U	2.640	U	2.840	U	2.830	U	2.780	U	3.030	U	2.870	U	2.900	U		
Silver	7440-22-4	1500	0.547	U	0.590	U	0.552	U	0.529	U	0.567	U	0.565	U	0.556	U	0.606	U	0.573	U	0.579	U		
Sodium	7440-23-5	~	904		808		478		488		299		386		565		443		337		80.100			
Thallium	7440-28-0	~	2.730	U	2.950	U	2.760	U	2.640	U	2.840	U	2.830	U	2.780	U	3.030	U	2.870	U	2.900	U		
Vanadium	7440-62-2	~	19.400		18		18.500		14.100		13.200		18.800		15.300		29.300		19.400		17.400			
Zinc	7440-66-6	10000	75.700		35.200		54.300		39		45.100		134		152		183		310		61.500			
Mercury by 7473		mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg			
Dilution Factor			1		1		1		1		1		1		1		1		1		1			
Mercury	7439-97-6	2.8	0.322		0.0354	U	0.185		0.211		0.0741		0.588		0.0685		0.128		2.120		0.176			

NOTES:

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below

the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Highlighted concentration is depicted as regulatory exceedance.

Table 2 :Soil Sample Summary of Semi-Volatile Organics, Pesticides,
Herbicides, PCBs, Metals and Miscellaneous Parameters
Project : HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-11 (Comp)		SB-12 (Comp)		SB-13 (Comp)		SB-14 (Comp)		SB-15 (Comp)		SB-16 (Comp)		SB-17 (Comp)		SB-18 (Comp)		SB-19 (Comp)		SB-20 (Comp)		
York ID			20G0940-07		20G0940-08		20G0940-09		20G0940-10		20G0886-01		20G0886-02		20G0886-03		20G0886-04		20G0886-05		20G0776-06		
Sampling Date			7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/21/2020 12:00:00 AM		
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Semi-Volatiles, 8270 - Comprehensive		mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		
Dilution Factor			2		2		2		20		2		2		2		10		2				
1,1-Biphenyl	92-52-4	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
1,2,4,5-Tetrachlorobenzene	95-94-3	~	0.142	U	0.0966	U	0.150	U	0.141	U	0.134	U	0.144	U	0.100	U	0.100	U	0.0909	U	0.0880	U	
1,2,4-Trichlorobenzene	120-82-1	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
1,2-Dichlorobenzene	95-50-1	500	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
1,3-Dichlorobenzene	541-73-1	280	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
1,4-Dichlorobenzene	106-46-7	130	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
2,3,4,6-Tetrachlorophenol	58-90-2	~	0.142	U	0.0966	U	0.150	U	0.141	U	0.134	U	0.144	U	0.100	U	0.100	U	0.0909	U	0.0880	U	
2,4,5-Trichlorophenol	95-95-4	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
2,4,6-Trichlorophenol	88-06-2	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
2,4-Dichlorophenol	120-83-2	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
2,4-Dimethylphenol	105-67-9	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
2,4-Dinitrophenol	51-28-5	~	0.142	U	0.0966	U	0.150	U	0.141	U	0.134	U	0.144	U	0.100	U	0.100	U	0.0909	U	0.0880	U	
2,4-Dinitrotoluene	121-14-2	~	0.0711	U	1.050	D	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
2,6-Dinitrotoluene	606-20-2	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
2-Chloronaphthalene	91-58-7	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
2-Chlorophenol	95-57-8	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
2-Methylnaphthalene	91-57-6	~	0.0711	U	0.0484	U	0.0752	U	0.231	D	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
2-Methylphenol	95-48-7	500	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
2-Nitroaniline	88-74-4	~	0.142	U	0.0966	U	0.150	U	0.141	U	0.134	U	0.144	U	0.100	U	0.100	U	0.0909	U	0.0880	U	
2-Nitrophenol	88-75-5	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
3- & 4-Methylphenols	65794-96-9	500	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
3,3-Dichlorobenzidine	91-94-1	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
3-Nitroaniline	99-09-2	~	0.142	U	0.0966	U	0.150	U	0.141	U	0.134	U	0.144	U	0.100	U	0.100	U	0.0909	U	0.0880	U	
4,6-Dinitro-2-methylphenol	534-52-1	~	0.142	U	0.0966	U	0.150	U	0.141	U	0.134	U	0.144	U	0.100	U	0.100	U	0.0909	U	0.0880	U	
4-Bromophenyl phenyl ether	101-55-3	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
4-Chloro-3-methylphenol	59-50-7	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
4-Chloroaniline	106-47-8	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
4-Chlorophenyl phenyl ether	7005-72-3	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
4-Nitroaniline	100-01-6	~	0.142	U	0.0966	U	0.150	U	0.141	U	0.134	U	0.144	U	0.100	U	0.100	U	0.0909	U	0.0880	U	
4-Nitrophenol	100-02-7	~	0.142	U	0.0966	U	0.150	U	0.141	U	0.134	U	0.144	U	0.100	U	0.100	U	0.0909	U	0.0880	U	
Acenaphthene	83-32-9	500	0.0711	U	0.0484	U	0.0752	U	2.260	D	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.179	D	0.0441	U	
Acenaphthylene	208-96-8	500	0.0711	U	0.0484	U	0.0752	U	0.142	D	0.0673	U	0.0722	U	0.0920	JD	0.0583	JD	0.0456	U	0.0441	U	
Acetophenone	98-86-2	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Aniline	62-53-3	~	0.284	U	0.193	U	0.300	U	0.282	U	0.269	U	0.288	U	0.201	U	0.200	U	0.182	U	0.176	U	
Anthracene	120-12-7	500	0.0711	U	0.0484	U	0.0935	JD	2.960	D	0.0673	U	0.0722	U	0.186	D	0.0799	JD	0.869	D	0.0441	U	
Atrazine	1912-24-9	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Benzaldehyde	100-52-7	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Benzidine	92-87-5	~	0.284	U	0.193	U	0.300	U	0.282	U	0.269	U	0.288	U	0.201	U	0.200	U	0.182	U	0.176	U	
Benzo(a)anthracene	56-55-3	5.6	0.0711	U	0.0484	U	0.294	D	16	D	0.0673	U	0.174	D	0.924	D	0.389	D	2.670	D	0.0732	JD	

Table 2 :Soil Sample Summary of Semi-Volatile Organics, Pesticides,
Herbicides, PCBs, Metals and Miscellaneous Parameters
Project : HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-11 (Comp)		SB-12 (Comp)		SB-13 (Comp)		SB-14 (Comp)		SB-15 (Comp)		SB-16 (Comp)		SB-17 (Comp)		SB-18 (Comp)		SB-19 (Comp)		SB-20 (Comp)		
York ID			20G0940-07		20G0940-08		20G0940-09		20G0940-10		20G0886-01		20G0886-02		20G0886-03		20G0886-04		20G0886-05		20G0776-06		
Sampling Date			7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/21/2020 12:00:00 AM		
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Benzo(a)pyrene	50-32-8	1	0.0726	JD	0.0484	U	0.293	D	18	D	0.0673	U	0.168	D	1.030	D	0.404	D	2.530	D	0.0788	JD	
Benzo(b)fluoranthene	205-99-2	5.6	0.0726	JD	0.0484	U	0.293	D	18.800	D	0.0673	U	0.149	D	0.829	D	0.364	D	2.380	D	0.0647	JD	
Benzo(g,h,i)perylene	191-24-2	500	0.0711	U	0.0484	U	0.204	D	12.800	D	0.0673	U	0.113	JD	0.652	D	0.254	D	1.520	D	0.0486	JD	
Benzo(k)fluoranthene	207-08-9	56	0.0711	U	0.0484	U	0.225	D	15.200	D	0.0673	U	0.136	JD	0.737	D	0.324	D	1.790	D	0.0542	JD	
Benzoic acid	65-85-0	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Benzyl alcohol	100-51-6	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Benzyl butyl phthalate	85-68-7	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Bis(2-chloroethoxy)methane	111-91-1	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Bis(2-chloroethyl)ether	111-44-4	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Bis(2-chloroisopropyl)ether	108-60-1	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Bis(2-ethylhexyl)phthalate	117-81-7	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Caprolactam	105-60-2	~	0.142	U	0.0966	U	0.150	U	0.141	U	0.134	U	0.144	U	0.100	U	0.100	U	0.0909	U	0.0880	U	
Carbazole	86-74-8	~	0.0711	U	0.0484	U	0.0752	U	3.050	D	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0661	JD	0.0441	U	
Chrysene	218-01-9	56	0.0726	JD	0.0484	U	0.293	D	19.100	D	0.0673	U	0.203	D	0.858	D	0.444	D	2.370	D	0.0584	JD	
Dibenzo(a,h)anthracene	53-70-3	0.56	0.0711	U	0.0484	U	0.0752	U	3.960	D	0.0673	U	0.0722	U	0.212	D	0.0879	JD	0.523	D	0.0441	U	
Dibenzofuran	132-64-9	350	0.0711	U	0.0484	U	0.0752	U	0.860	D	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0880	JD	0.0441	U	
Diethyl phthalate	84-66-2	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Dimethyl phthalate	131-11-3	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Di-n-butyl phthalate	84-74-2	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Di-n-octyl phthalate	117-84-0	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Diphenylamine	122-39-4	~	0.142	U	0.0966	U	0.150	U	0.141	U	0.134	U	0.144	U	0.100	U	0.100	U	0.0909	U	0.0880	U	
Fluoranthene	206-44-0	500	0.138	JD	0.0484	U	0.730	D	43.300	D	0.0676	JD	0.453	D	1.550	D	0.940	D	5.600	D	0.130	D	
Fluorene	86-73-7	500	0.0711	U	0.0484	U	0.0752	U	1.520	D	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.205	D	0.0441	U	
Hexachlorobenzene	118-74-1	6	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Hexachlorobutadiene	87-68-3	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Hexachlorocyclopentadiene	77-47-4	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Hexachloroethane	67-72-1	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Indeno(1,2,3-cd)pyrene	193-39-5	5.6	0.0711	U	0.0484	U	0.177	D	11.600	D	0.0673	U	0.0956	JD	0.574	D	0.233	D	1.430	D	0.0563	JD	
Isophorone	78-59-1	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Naphthalene	91-20-3	500	0.0711	U	0.0484	U	0.0752	U	0.989	D	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Nitrobenzene	98-95-3	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
N-Nitrosodimethylamine	62-75-9	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
N-nitroso-di-n-propylamine	621-64-7	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
N-Nitrosodiphenylamine	86-30-6	~	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Pentachlorophenol	87-86-5	6.7	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Phenanthrene	85-01-8	500	0.0711	U	0.0484	U	0.490	D	29	D	0.0673	U	0.348	D	0.562	D	0.586	D	2.660	D	0.0535	JD	
Phenol	108-95-2	500	0.0711	U	0.0484	U	0.0752	U	0.0706	U	0.0673	U	0.0722	U	0.0502	U	0.0501	U	0.0456	U	0.0441	U	
Pyrene	129-00-0	500	0.121	JD	0.0484	U	0.611	D	36.600	D	0.0673	U	0.409	D	1.560	D	0.869	D	4.210	D	0.118	D	
Semi-Volatiles, Tentatively Identified Cmpds.									mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg				
Dilution Factor									2		2		2		2		2		2				
5Unknown PAH MW=240 RT=16.778			NA	~	NT		NT		NT		NT		NT		NT		NT		0.923	JD	NT		

Table 2 :Soil Sample Summary of Semi-Volatile Organics, Pesticides,
Herbicides, PCBs, Metals and Miscellaneous Parameters
Project : HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-11 (Comp)		SB-12 (Comp)		SB-13 (Comp)		SB-14 (Comp)		SB-15 (Comp)		SB-16 (Comp)		SB-17 (Comp)		SB-18 (Comp)		SB-19 (Comp)		SB-20 (Comp)		
York ID			20G0940-07		20G0940-08		20G0940-09		20G0940-10		20G0886-01		20G0886-02		20G0886-03		20G0886-04		20G0886-05		20G0776-06		
Sampling Date			7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/21/2020 12:00:00 AM		
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Benzene Isomer RT=19.599	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		0.935	JD	NT		
Coronene isomer	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Dibenz[a,h]acridine Isomer	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Dibenzopyrene Isomer (01)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Dibenzopyrene Isomer (02)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Dibenzopyrene Isomer (03)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Dichloro hydroxy Benzaldehy...	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		0.869	JD	NT		
Dinaphtho furan isomer	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Tentatively Identified Compounds		~	NT		NT		NT		NT		0	U	0	U	NT		0	U	NT		NT		
Unknown (01)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown (02)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown (03)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH (01)	NA	~	NT		NT		NT		1.750	JD	NT		NT		NT		NT		NT		NT		
Unknown PAH (02)	NA	~	NT		NT		NT		1.780	JD	NT		NT		NT		NT		NT		NT		
Unknown PAH (03)	NA	~	NT		NT		NT		3.260	JD	NT		NT		NT		NT		NT		NT		
Unknown PAH (04)	NA	~	NT		NT		NT		1.360	JD	NT		NT		NT		NT		NT		NT		
Unknown PAH (05)	NA	~	NT		NT		NT		11.200	JD	NT		NT		NT		NT		NT		NT		
Unknown PAH (06)	NA	~	NT		NT		NT		3.860	JD	NT		NT		NT		NT		NT		NT		
Unknown PAH (07)	NA	~	NT		NT		NT		1.320	JD	NT		NT		NT		NT		NT		NT		
Unknown PAH (08)	NA	~	NT		NT		NT		1.710	JD	NT		NT		NT		NT		NT		NT		
Unknown PAH (09)	NA	~	NT		NT		NT		1.920	JD	NT		NT		NT		NT		NT		NT		
Unknown PAH (10)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH (11)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH (12)	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=216 RT=13.669	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		1.160	JD	NT		
Unknown PAH MW=228 RT=15.887	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		0.881	JD	NT		
Unknown PAH MW=242 RT=16.554	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		0.905	JD	NT		
Unknown PAH MW=252 RT=18.207	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		1.170	JD	NT		
Unknown PAH MW=252 RT=18.536	NA	~	NT		NT		NT		NT		NT		0.896	JD	NT		NT		NT		NT		
Unknown PAH MW=252 RT=18.557	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		1.980	JD	NT		
Unknown PAH MW=253 RT=17.689	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		0.709	JD	NT		
Unknown PAH MW=264 RT=19.638	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		0.850	JD	NT		
Unknown PAH MW=266 RT=19.090	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		0.704	JD	NT		
Unknown PAH MW=266 RT=19.177	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		1.260	JD	NT		
Unknown PAH MW=266 RT=19.318	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		1.040	JD	NT		
Unknown PAH MW=266 RT=19.476	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		0.885	JD	NT		
Unknown PAH MW=276 RT=21.637	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		0.776	JD	NT		
Unknown PAH MW=278 RT=19.012	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		0.760	JD	NT		
Unknown PAH MW=278 RT=21.035	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		0.921	JD	NT		
Unknown PAH MW=278 RT=21.119	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		0.856	JD	NT		
Unknown PAH MW=300 RT=19.293	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=302 RT=17.189	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		

Table 2 :Soil Sample Summary of Semi-Volatile Organics, Pesticides,
Herbicides, PCBs, Metals and Miscellaneous Parameters
Project : HWK1048D - Reconstruction of Brooklyn Waterfront Hamilton Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-11 (Comp)		SB-12 (Comp)		SB-13 (Comp)		SB-14 (Comp)		SB-15 (Comp)		SB-16 (Comp)		SB-17 (Comp)		SB-18 (Comp)		SB-19 (Comp)		SB-20 (Comp)		
York ID			20G0940-07		20G0940-08		20G0940-09		20G0940-10		20G0886-01		20G0886-02		20G0886-03		20G0886-04		20G0886-05		20G0776-06		
Sampling Date			7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/21/2020 12:00:00 AM		
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Unknown PAH MW=302 RT=19.652	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown PAH MW=302 RT=19.889	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		
Unknown RT=12.586	NA	~	NT		NT		NT		NT		NT		NT		1.940	JD	NT		NT		NT		
Unknown RT=19.759	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		1.250	JD	NT		
Unknown RT=19.846	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		0.732	JD	NT		
Unknown RT=20.317	NA	~	NT		NT		NT		NT		NT		NT		NT		NT		1.440	JD	NT		
Pesticides, 8081 target list		mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		
Dilution Factor			5		5		5		5		5		5		5		5		5		5		
4,4'-DDD	72-54-8	92	0.00281	U	0.00192	U	0.00297	U	0.00279	U	0.00180	U	0.00190	U	0.00201	U	0.00196	U	0.00179	U	0.00178	U	
4,4'-DDE	72-55-9	62	0.00281	U	0.00192	U	0.00297	U	0.00279	U	0.00180	U	0.00190	U	0.00201	U	0.00196	U	0.00179	U	0.00178	U	
4,4'-DDT	50-29-3	47	0.00281	U	0.00192	U	0.00297	U	0.00279	U	0.00180	U	0.00190	U	0.00201	U	0.00196	U	0.00179	U	0.00178	U	
Aldrin	309-00-2	0.68	0.00281	U	0.00192	U	0.00297	U	0.00279	U	0.00180	U	0.00190	U	0.00201	U	0.00196	U	0.00179	U	0.00178	U	
alpha-BHC	319-84-6	3.4	0.00281	U	0.00192	U	0.00297	U	0.00279	U	0.00180	U	0.00190	U	0.00201	U	0.00196	U	0.00179	U	0.00178	U	
alpha-Chlordane	5103-71-9	24	0.00281	U	0.00192	U	0.00297	U	0.00279	U	0.00180	U	0.00190	U	0.00201	U	0.00196	U	0.00179	U	0.00178	U	
beta-BHC	319-85-7	3	0.00281	U	0.00192	U	0.00297	U	0.00279	U	0.00180	U	0.00190	U	0.00201	U	0.00196	U	0.00179	U	0.00178	U	
Chlordane, total	57-74-9	~	0.0562	U	0.0383	U	0.0593	U	0.0557	U	0.0360	U	0.0379	U	0.0401	U	0.0392	U	0.0357	U	0.0355	U	
delta-BHC	319-86-8	500	0.00281	U	0.00192	U	0.00297	U	0.00279	U	0.00180	U	0.00190	U	0.00201	U	0.00196	U	0.00179	U	0.00178	U	
Dieldrin	60-57-1	1.4	0.00281	U	0.00192	U	0.00297	U	0.00279	U	0.00180	U	0.00190	U	0.00201	U	0.00196	U	0.00179	U	0.00178	U	
Endosulfan I	959-98-8	200	0.00281	U	0.00192	U	0.00297	U	0.00279	U	0.00180	U	0.00190	U	0.00201	U	0.00196	U	0.00179	U	0.00178	U	
Endosulfan II	33213-65-9	200	0.00281	U	0.00192	U	0.00297	U	0.00279	U	0.00180	U	0.00190	U	0.00201	U	0.00196	U	0.00179	U	0.00178	U	
Endosulfan sulfate	1031-07-8	200	0.00281	U	0.00192	U	0.00297	U	0.00279	U	0.00180	U	0.00190	U	0.00201	U	0.00196	U	0.00179	U	0.00178	U	
Endrin	72-20-8	89	0.00281	U	0.00192	U	0.00297	U	0.00279	U	0.00180	U	0.00190	U	0.00201	U	0.00196	U	0.00179	U	0.00178	U	
Endrin aldehyde	7421-93-4	~	0.00281	U	0.00192	U	0.00297	U	0.00279	U	0.00180	U	0.00190	U	0.00201	U	0.00196	U	0.00179	U	0.00178	U	
Endrin ketone	53494-70-5	~	0.00281	U	0.00192	U	0.00297	U	0.00279	U	0.00180	U	0.00190	U	0.00201	U	0.00196	U	0.00179	U	0.00178	U	
gamma-BHC (Lindane)	58-89-9	9.2	0.00281	U	0.00192	U	0.00297	U	0.00279	U	0.00180	U	0.00190	U	0.00201	U	0.00196	U	0.00179	U	0.00178	U	
gamma-Chlordane	5566-34-7	~	0.00281	U	0.00192	U	0.00297	U	0.00279	U	0.00180	U	0.00190	U	0.00201	U	0.00196	U	0.00179	U	0.00178	U	
Heptachlor	76-44-8	15	0.00281	U	0.00192	U	0.00297	U	0.00279	U	0.00180	U	0.00190	U	0.00201	U	0.00196	U	0.00179	U	0.00178	U	
Heptachlor epoxide	1024-57-3	~	0.00281	U	0.00192	U	0.00297	U	0.00279	U	0.00180	U	0.00190	U	0.00201	U	0.00196	U	0.00179	U	0.00178	U	
Methoxychlor	72-43-5	~	0.0140	U	0.00959	U	0.0148	U	0.0139	U	0.00899	U	0.00948	U	0.0100	U	0.00979	U	0.00894	U	0.00888	U	
Toxaphene	8001-35-2	~	0.142	U	0.0970	U	0.150	U	0.141	U	0.0910	U	0.0960	U	0.102	U	0.0991	U	0.0905	U	0.0899	U	
NJDEP EPH (Cat. 2 Non-Fractionated)			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		
Dilution Factor			1		1		1		1		1		1		1		1		1		1		
Total EPH	~		56.200	U	56	U	60.500	U	53.600	U	51.400	U	57.900	U	65.500	U	57.800	U	139		52.800	U	
Metals, Target Analyte		mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		
Dilution Factor			1		1		1		1		1		1		1		1		1		1		
Aluminum	7429-90-5	~	6,950		11,100		4,260		5,840		10,400		9,660		7,490		5,500		8,440		10,500		
Antimony	7440-36-0	~	2.890	U	2.910	U	3.060	U	2.840	U	2.750	U	2.920	U	3.070	U	3.010	U	2.790	U	2.720	U	
Arsenic	7440-38-2	16	2.610		1.750	U	4.080		6.020		2.720		15.500		8.340		4.490		3.190		5.830		
Barium	7440-39-3	400	40		30.500		44.500		150		60.500		115		256		816		70.700		94.600		
Beryllium	7440-41-7	590	0.0580	U	0.0580	U	0.0610	U	0.0570	U	0.0550	U	0.0580	U	0.0610	U	0.0600	U	0.0560	U	0.0540	U	
Cadmium	7440-43-9	9.3	0.347	U	0.350	U	0.367	U	0.341	U	0.330	U	0.351	U	0.403		0.695		0.335	U	0.326	U	
Calcium	7440-70-2	~	519		585		2,760		4,910		5,590		3,680		10,300		9,260		4,490		9,530		

Table 2 :Soil Sample Summary of Semi-Volatile Organics, Pesticides,
Herbicides, PCBs, Metals and Miscellaneous Parameters
Project : HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-11 (Comp)		SB-12 (Comp)		SB-13 (Comp)		SB-14 (Comp)		SB-15 (Comp)		SB-16 (Comp)		SB-17 (Comp)		SB-18 (Comp)		SB-19 (Comp)		SB-20 (Comp)			
York ID			20G0940-07		20G0940-08		20G0940-09		20G0940-10		20G0886-01		20G0886-02		20G0886-03		20G0886-04		20G0886-05		20G0776-06			
Sampling Date			7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/23/2020 12:00:00 AM		7/21/2020 12:00:00 AM			
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Chromium	7440-47-3	~	13.200		17.200		9.790		19.400		20.200		28		52		13.700		14.800		25.100			
Cobalt	7440-48-4	~	6.330		6.520		4.070		5.870		9.040		7.980		10.300		6.040		9.240		9.890			
Copper	7440-50-8	270	18.700	B	16.600	B	19.500	B	27	B	27.500		63.500		264		231		56.200		42.900			
Iron	7439-89-6	~	13,600		14,300		9,710		12,600		15,800		15,700		30,600		17,100		24,500		16,000			
Lead	7439-92-1	1000	101		8.990		141		514		58.200		144		1,220		340		76.900		67.100			
Magnesium	7439-95-4	~	2,000		3,140		1,610		2,610		3,650		3,280		1,760		3,030		4,120		7,030			
Manganese	7439-96-5	10000	152		113		80		248		329		251		313		160		574		325			
Nickel	7440-02-0	310	17.700		19.500		9.180		15.200		25.600		19.500		92.500		18.200		25.500		44.600			
Potassium	7440-09-7	~	832		1,250		904		1,210		1,520		2,020		1,050		790		1,180		2,510			
Selenium	7782-49-2	1500	2.890	U	2.910	U	3.060	U	2.840	U	2.750	U	2.920	U	3.070	U	3.010	U	2.790	U	2.720	U		
Silver	7440-22-4	1500	0.579	U	0.583	U	0.611	U	0.569	U	0.550	U	0.584	U	0.750		0.601	U	0.558	U	0.544	U		
Sodium	7440-23-5	~	1,340		557		244		180		666		1,010		1,040		1,140		1,060		1,170			
Thallium	7440-28-0	~	2.890	U	2.910	U	3.060	U	2.840	U	2.750	U	2.920	U	3.070	U	3.010	U	2.790	U	2.720	U		
Vanadium	7440-62-2	~	17.100		17.500		17.500		25.200		28.800		26.900		20.600		19.300		23.500		36.100			
Zinc	7440-66-6	10000	73.200		42.900		42.500		110		79.700	B	150	B	776	B	376	B	100	B	320			
Mercury by 7473		mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg			
Dilution Factor			1		1		1		1		1		1		1		1		1		1			
Mercury	7439-97-6	2.8	0.756		0.0350	U	0.203		0.392		0.148		1.890		6.950		2.080		0.503		0.144			

NOTES:

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below

the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Highlighted concentration is depicted as regulatory exceedance.

Table 2 :Soil Sample Summary of Semi-Volatile Organics, Pesticides,
Herbicides, PCBs, Metals and Miscellaneous Parameters
Project : HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-21 (Comp)		SB-22 (Comp)		SB-23 (Comp)		SB-24 (Comp)		SB-25 (Comp)		SB-26 (Comp)	
York ID			20G0886-06		20G0776-05		20G0776-04		20G0776-03		20G0776-02		20G0776-01	
Sampling Date			7/23/2020 12:00:00 AM		7/21/2020 12:00:00 AM		7/21/2020 12:00:00 AM		7/21/2020 12:00:00 AM		7/21/2020 12:00:00 AM		7/21/2020 12:00:00 AM	
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 8270 - Comprehensive		mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		5		50		2		2	
1,1-Biphenyl	92-52-4	~	0.0462	U	0.0483	U	0.0447	U	0.0630	JD	0.0493	U	0.0459	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	0.0922	U	0.0964	U	0.0892	U	0.0876	U	0.0984	U	0.0916	U
1,2,4-Trichlorobenzene	120-82-1	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
1,2-Dichlorobenzene	95-50-1	500	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
1,3-Dichlorobenzene	541-73-1	280	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
1,4-Dichlorobenzene	106-46-7	130	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	0.0922	U	0.0964	U	0.0892	U	0.0876	U	0.0984	U	0.0916	U
2,4,5-Trichlorophenol	95-95-4	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
2,4,6-Trichlorophenol	88-06-2	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
2,4-Dichlorophenol	120-83-2	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
2,4-Dimethylphenol	105-67-9	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
2,4-Dinitrophenol	51-28-5	~	0.0922	U	0.0964	U	0.0892	U	0.0876	U	0.0984	U	0.0916	U
2,4-Dinitrotoluene	121-14-2	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
2,6-Dinitrotoluene	606-20-2	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
2-Chloronaphthalene	91-58-7	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
2-Chlorophenol	95-57-8	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
2-Methylnaphthalene	91-57-6	~	0.0462	U	0.0483	U	0.0447	U	0.0518	JD	0.0983	JD	0.0459	U
2-Methylphenol	95-48-7	500	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
2-Nitroaniline	88-74-4	~	0.0922	U	0.0964	U	0.0892	U	0.0876	U	0.0984	U	0.0916	U
2-Nitrophenol	88-75-5	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
3- & 4-Methylphenols	65794-96-9	500	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
3,3-Dichlorobenzidine	91-94-1	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
3-Nitroaniline	99-09-2	~	0.0922	U	0.0964	U	0.0892	U	0.0876	U	0.0984	U	0.0916	U
4,6-Dinitro-2-methylphenol	534-52-1	~	0.0922	U	0.0964	U	0.0892	U	0.0876	U	0.0984	U	0.0916	U
4-Bromophenyl phenyl ether	101-55-3	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
4-Chloro-3-methylphenol	59-50-7	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
4-Chloroaniline	106-47-8	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
4-Chlorophenyl phenyl ether	7005-72-3	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
4-Nitroaniline	100-01-6	~	0.0922	U	0.0964	U	0.0892	U	0.0876	U	0.0984	U	0.0916	U
4-Nitrophenol	100-02-7	~	0.0922	U	0.0964	U	0.0892	U	0.0876	U	0.0984	U	0.0916	U
Acenaphthene	83-32-9	500	0.0462	U	0.0483	U	0.170	D	0.982	D	0.160	D	0.0527	JD
Acenaphthylene	208-96-8	500	0.0462	U	0.0483	U	0.0592	JD	0.0868	JD	0.0551	JD	0.0459	U
Acetophenone	98-86-2	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Aniline	62-53-3	~	0.185	U	0.193	U	0.179	U	0.175	U	0.197	U	0.183	U
Anthracene	120-12-7	500	0.0486	JD	0.109	D	0.723	D	5.780	D	0.457	D	0.111	D
Atrazine	1912-24-9	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Benzaldehyde	100-52-7	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Benzidine	92-87-5	~	0.185	U	0.193	U	0.179	U	0.175	U	0.197	U	0.183	U
Benzo(a)anthracene	56-55-3	5.6	0.195	D	0.384	D	2.720	D	13.500	D	0.832	D	0.277	D

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Project : HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-21 (Comp)		SB-22 (Comp)		SB-23 (Comp)		SB-24 (Comp)		SB-25 (Comp)		SB-26 (Comp)	
York ID			20G0886-06		20G0776-05		20G0776-04		20G0776-03		20G0776-02		20G0776-01	
Sampling Date			7/23/2020 12:00:00 AM		7/21/2020 12:00:00 AM		7/21/2020 12:00:00 AM		7/21/2020 12:00:00 AM		7/21/2020 12:00:00 AM		7/21/2020 12:00:00 AM	
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Benzo(a)pyrene	50-32-8	1	0.223	D	0.358	D	3.020	D	13.900	D	0.730	D	0.256	D
Benzo(b)fluoranthene	205-99-2	5.6	0.189	D	0.267	D	2.850	D	11.700	D	0.561	D	0.199	D
Benzo(g,h,i)perylene	191-24-2	500	0.151	D	0.203	D	1.850	D	8.720	D	0.367	D	0.132	D
Benzo(k)fluoranthene	207-08-9	56	0.153	D	0.270	D	1.950	D	9.460	D	0.550	D	0.204	D
Benzoic acid	65-85-0	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Benzyl alcohol	100-51-6	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Benzyl butyl phthalate	85-68-7	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Bis(2-chloroethoxy)methane	111-91-1	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Bis(2-chloroethyl)ether	111-44-4	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Bis(2-chloroisopropyl)ether	108-60-1	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Caprolactam	105-60-2	~	0.0922	U	0.0964	U	0.0892	U	0.0876	U	0.0984	U	0.0916	U
Carbazole	86-74-8	~	0.0462	U	0.0483	U	0.0912	D	0.381	D	0.210	D	0.0459	U
Chrysene	218-01-9	56	0.183	D	0.351	D	2.420	D	11	D	0.722	D	0.251	D
Dibenzo(a,h)anthracene	53-70-3	0.56	0.0523	JD	0.0539	JD	0.474	D	1.860	D	0.102	D	0.0459	U
Dibenzofuran	132-64-9	350	0.0462	U	0.0483	U	0.105	D	0.571	D	0.166	D	0.0459	U
Diethyl phthalate	84-66-2	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Dimethyl phthalate	131-11-3	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Di-n-butyl phthalate	84-74-2	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Di-n-octyl phthalate	117-84-0	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Diphenylamine	122-39-4	~	0.0922	U	0.0964	U	0.0892	U	0.0876	U	0.0984	U	0.0916	U
Fluoranthene	206-44-0	500	0.354	D	0.686	D	4.960	D	46.600	D	1.910	D	0.596	D
Fluorene	86-73-7	500	0.0462	U	0.0483	U	0.158	D	1.150	D	0.179	D	0.0459	U
Hexachlorobenzene	118-74-1	6	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Hexachlorobutadiene	87-68-3	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Hexachlorocyclopentadiene	77-47-4	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Hexachloroethane	67-72-1	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Indeno(1,2,3-cd)pyrene	193-39-5	5.6	0.134	D	0.251	D	2.370	D	10.200	D	0.451	D	0.166	D
Isophorone	78-59-1	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Naphthalene	91-20-3	500	0.0462	U	0.0483	U	0.0613	JD	0.122	D	0.219	D	0.0459	U
Nitrobenzene	98-95-3	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
N-Nitrosodimethylamine	62-75-9	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
N-nitroso-di-n-propylamine	621-64-7	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
N-Nitrosodiphenylamine	86-30-6	~	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Pentachlorophenol	87-86-5	6.7	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Phenanthrene	85-01-8	500	0.133	D	0.434	D	1.890	D	20.200	D	2.100	D	0.508	D
Phenol	108-95-2	500	0.0462	U	0.0483	U	0.0447	U	0.0439	U	0.0493	U	0.0459	U
Pyrene	129-00-0	500	0.373	D	0.659	D	4.300	D	40.900	D	1.630	D	0.494	D
Semi-Volatiles, Tentatively Identified Cmpds.			mg/kg				mg/kg		mg/kg					
Dilution Factor			2				2		2					
5Unknown PAH MW=240 RT=16.778			NA		~		NT		NT		NT		NT	

Table 2 :Soil Sample Summary of Semi-Volatile Organics, Pesticides,
Herbicides, PCBs, Metals and Miscellaneous Parameters
Project : HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-21 (Comp)		SB-22 (Comp)		SB-23 (Comp)		SB-24 (Comp)		SB-25 (Comp)		SB-26 (Comp)	
York ID			20G0886-06		20G0776-05		20G0776-04		20G0776-03		20G0776-02		20G0776-01	
Sampling Date			7/23/2020 12:00:00 AM		7/21/2020 12:00:00 AM		7/21/2020 12:00:00 AM		7/21/2020 12:00:00 AM		7/21/2020 12:00:00 AM		7/21/2020 12:00:00 AM	
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Benzene Isomer RT=19.599	NA	~	NT		NT		NT		NT		NT		NT	
Coronene isomer	NA	~	NT		NT		NT		2.370	JD	NT		NT	
Dibenz[a,h]acridine Isomer	NA	~	NT		NT		NT		0.823	JD	NT		NT	
Dibenzopyrene Isomer (01)	NA	~	NT		NT		NT		3.350	JD	NT		NT	
Dibenzopyrene Isomer (02)	NA	~	NT		NT		NT		2.120	JD	NT		NT	
Dibenzopyrene Isomer (03)	NA	~	NT		NT		NT		1.580	JD	NT		NT	
Dichloro hydroxy Benzaldehy...	NA	~	NT		NT		NT		NT		NT		NT	
Dinaphtho furan isomer	NA	~	NT		NT		NT		1.890	JD	NT		NT	
Tentatively Identified Compounds		~	NT		NT		NT		NT		NT		NT	
Unknown (01)	NA	~	NT		NT		NT		0.778	JD	NT		NT	
Unknown (02)	NA	~	NT		NT		NT		1.250	JD	NT		NT	
Unknown (03)	NA	~	NT		NT		NT		0.854	JD	NT		NT	
Unknown PAH (01)	NA	~	NT		NT		0.829	JD	0.800	JD	NT		NT	
Unknown PAH (02)	NA	~	NT		NT		1.500	JD	1.510	JD	NT		NT	
Unknown PAH (03)	NA	~	NT		NT		0.770	JD	1.530	JD	NT		NT	
Unknown PAH (04)	NA	~	NT		NT		0.766	JD	3.220	JD	NT		NT	
Unknown PAH (05)	NA	~	NT		NT		0.723	JD	9.060	JD	NT		NT	
Unknown PAH (06)	NA	~	NT		NT		0.800	JD	4.220	JD	NT		NT	
Unknown PAH (07)	NA	~	NT		NT		0.802	JD	0.974	JD	NT		NT	
Unknown PAH (08)	NA	~	NT		NT		1.740	JD	1.760	JD	NT		NT	
Unknown PAH (09)	NA	~	NT		NT		NT		2.680	JD	NT		NT	
Unknown PAH (10)	NA	~	NT		NT		NT		1.720	JD	NT		NT	
Unknown PAH (11)	NA	~	NT		NT		NT		2.410	JD	NT		NT	
Unknown PAH (12)	NA	~	NT		NT		NT		2.800	JD	NT		NT	
Unknown PAH MW=216 RT=13.669	NA	~	NT		NT		NT		NT		NT		NT	
Unknown PAH MW=228 RT=15.887	NA	~	NT		NT		NT		NT		NT		NT	
Unknown PAH MW=242 RT=16.554	NA	~	NT		NT		NT		NT		NT		NT	
Unknown PAH MW=252 RT=18.207	NA	~	NT		NT		NT		NT		NT		NT	
Unknown PAH MW=252 RT=18.536	NA	~	NT		NT		NT		NT		NT		NT	
Unknown PAH MW=252 RT=18.557	NA	~	NT		NT		NT		NT		NT		NT	
Unknown PAH MW=253 RT=17.689	NA	~	NT		NT		NT		NT		NT		NT	
Unknown PAH MW=264 RT=19.638	NA	~	NT		NT		NT		NT		NT		NT	
Unknown PAH MW=266 RT=19.090	NA	~	NT		NT		NT		NT		NT		NT	
Unknown PAH MW=266 RT=19.177	NA	~	NT		NT		NT		NT		NT		NT	
Unknown PAH MW=266 RT=19.318	NA	~	NT		NT		NT		NT		NT		NT	
Unknown PAH MW=266 RT=19.476	NA	~	NT		NT		NT		NT		NT		NT	
Unknown PAH MW=276 RT=21.637	NA	~	NT		NT		NT		NT		NT		NT	
Unknown PAH MW=278 RT=19.012	NA	~	NT		NT		NT		NT		NT		NT	
Unknown PAH MW=278 RT=21.035	NA	~	NT		NT		NT		NT		NT		NT	
Unknown PAH MW=278 RT=21.119	NA	~	NT		NT		NT		NT		NT		NT	
Unknown PAH MW=300 RT=19.293	NA	~	0.903	JD	NT		NT		NT		NT		NT	
Unknown PAH MW=302 RT=17.189	NA	~	1.110	JD	NT		NT		NT		NT		NT	

Table 2 :Soil Sample Summary of Semi-Volatile Organics, Pesticides,
Herbicides, PCBs, Metals and Miscellaneous Parameters
Project : HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-21 (Comp)		SB-22 (Comp)		SB-23 (Comp)		SB-24 (Comp)		SB-25 (Comp)		SB-26 (Comp)	
York ID			20G0886-06		20G0776-05		20G0776-04		20G0776-03		20G0776-02		20G0776-01	
Sampling Date			7/23/2020 12:00:00 AM		7/21/2020 12:00:00 AM		7/21/2020 12:00:00 AM		7/21/2020 12:00:00 AM		7/21/2020 12:00:00 AM		7/21/2020 12:00:00 AM	
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Unknown PAH MW=302 RT=19.652	NA	~	0.977	JD	NT		NT		NT		NT		NT	
Unknown PAH MW=302 RT=19.889	NA	~	0.760	JD	NT		NT		NT		NT		NT	
Unknown RT=12.586	NA	~	NT		NT		NT		NT		NT		NT	
Unknown RT=19.759	NA	~	NT		NT		NT		NT		NT		NT	
Unknown RT=19.846	NA	~	NT		NT		NT		NT		NT		NT	
Unknown RT=20.317	NA	~	NT		NT		NT		NT		NT		NT	
Pesticides, 8081 target list		mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5		5		5	
4,4'-DDD	72-54-8	92	0.00180	U	0.00192	U	0.00179	U	0.00173	U	0.00194	U	0.00185	U
4,4'-DDE	72-55-9	62	0.00180	U	0.00192	U	0.00179	U	0.00173	U	0.00194	U	0.00185	U
4,4'-DDT	50-29-3	47	0.00180	U	0.00192	U	0.00179	U	0.00173	U	0.00194	U	0.00185	U
Aldrin	309-00-2	0.68	0.00180	U	0.00192	U	0.00179	U	0.00173	U	0.00194	U	0.00185	U
alpha-BHC	319-84-6	3.4	0.00180	U	0.00192	U	0.00179	U	0.00173	U	0.00194	U	0.00185	U
alpha-Chlordane	5103-71-9	24	0.00180	U	0.00192	U	0.00179	U	0.00173	U	0.00194	U	0.00185	U
beta-BHC	319-85-7	3	0.00180	U	0.00192	U	0.00179	U	0.00173	U	0.00194	U	0.00185	U
Chlordane, total	57-74-9	~	0.0360	U	0.0384	U	0.0357	U	0.0345	U	0.0388	U	0.0370	U
delta-BHC	319-86-8	500	0.00180	U	0.00192	U	0.00179	U	0.00173	U	0.00194	U	0.00185	U
Dieldrin	60-57-1	1.4	0.00180	U	0.00192	U	0.00179	U	0.00173	U	0.00194	U	0.00185	U
Endosulfan I	959-98-8	200	0.00180	U	0.00192	U	0.00179	U	0.00173	U	0.00194	U	0.00185	U
Endosulfan II	33213-65-9	200	0.00180	U	0.00192	U	0.00179	U	0.00173	U	0.00194	U	0.00185	U
Endosulfan sulfate	1031-07-8	200	0.00180	U	0.00192	U	0.00179	U	0.00173	U	0.00194	U	0.00185	U
Endrin	72-20-8	89	0.00180	U	0.00192	U	0.00179	U	0.00173	U	0.00194	U	0.00185	U
Endrin aldehyde	7421-93-4	~	0.00180	U	0.00192	U	0.00179	U	0.00173	U	0.00194	U	0.00185	U
Endrin ketone	53494-70-5	~	0.00180	U	0.00192	U	0.00179	U	0.00173	U	0.00194	U	0.00185	U
gamma-BHC (Lindane)	58-89-9	9.2	0.00180	U	0.00192	U	0.00179	U	0.00173	U	0.00194	U	0.00185	U
gamma-Chlordane	5566-34-7	~	0.00180	U	0.00192	U	0.00179	U	0.00173	U	0.00194	U	0.00185	U
Heptachlor	76-44-8	15	0.00180	U	0.00192	U	0.00179	U	0.00173	U	0.00194	U	0.00185	U
Heptachlor epoxide	1024-57-3	~	0.00180	U	0.00192	U	0.00179	U	0.00173	U	0.00194	U	0.00185	U
Methoxychlor	72-43-5	~	0.00900	U	0.00960	U	0.00894	U	0.00864	U	0.00970	U	0.00925	U
Toxaphene	8001-35-2	~	0.0911	U	0.0971	U	0.0904	U	0.0874	U	0.0982	U	0.0936	U
NJDEP EPH (Cat. 2 Non-Fractionated)			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor			1		1		1		1		1		1	
Total EPH		~	52.700	U	54.600	U	115		208		56.700	U	55.100	U
Metals, Target Analyte		mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1		1	
Aluminum	7429-90-5	~	6,750		8,900		6,230		6,140		21,300		8,980	
Antimony	7440-36-0	~	2.790	U	2.950	U	2.740	U	2.640	U	2.980	U	2.810	U
Arsenic	7440-38-2	16	1.680	U	8.070		6.570		5.090		11.400		12.900	
Barium	7440-39-3	400	51.500		116		108		47.300		106		53.700	
Beryllium	7440-41-7	590	0.0560	U	0.0590	U	0.0550	U	0.0530	U	0.0600	U	0.0560	U
Cadmium	7440-43-9	9.3	0.335	U	1.460		0.414		0.317	U	0.357	U	0.337	U
Calcium	7440-70-2	~	4,680		37,500		37,000		32,100		1,410		2,820	

Table 2 :Soil Sample Summary of Semi-Volatile Organics, Pesticides,
Herbicides, PCBs, Metals and Miscellaneous Parameters
Project : HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-21 (Comp)		SB-22 (Comp)		SB-23 (Comp)		SB-24 (Comp)		SB-25 (Comp)		SB-26 (Comp)	
York ID			20G0886-06		20G0776-05		20G0776-04		20G0776-03		20G0776-02		20G0776-01	
Sampling Date			7/23/2020 12:00:00 AM		7/21/2020 12:00:00 AM		7/21/2020 12:00:00 AM		7/21/2020 12:00:00 AM		7/21/2020 12:00:00 AM		7/21/2020 12:00:00 AM	
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Chromium	7440-47-3	~	12.900		23.300		18.700		19.100		23.100		26.900	
Cobalt	7440-48-4	~	5.790		7.820		5.760		6.200		9.130		7.940	
Copper	7440-50-8	270	25.200		93.100		45.800		31.800		22.400		33	
Iron	7439-89-6	~	12,000		16,000		11,000		13,400		19,800		18,500	
Lead	7439-92-1	1000	86.500		330		128		45.100		75.800		54.800	
Magnesium	7439-95-4	~	2,700		5,350		11,800		12,300		2,110		2,480	
Manganese	7439-96-5	10000	196		296		176		185		579		371	
Nickel	7440-02-0	310	14.600		23.400		26.500		17.200		17		24.600	
Potassium	7440-09-7	~	1,240		1,570		1,140		1,400		878		1,080	
Selenium	7782-49-2	1500	2.790	U	2.950	U	2.740	U	2.640	U	2.980	U	2.810	U
Silver	7440-22-4	1500	0.558	U	0.589	U	0.549	U	0.529	U	0.596	U	0.562	U
Sodium	7440-23-5	~	557		1,150		1,090		730		1,410		476	
Thallium	7440-28-0	~	2.790	U	2.950	U	2.740	U	2.640	U	2.980	U	2.810	U
Vanadium	7440-62-2	~	20.600		28.200		21.800		20.300		32.500		26.600	
Zinc	7440-66-6	10000	61.900	B	256		124		107		61.100		108	
Mercury by 7473		mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1		1	
Mercury	7439-97-6	2.8	0.222		0.503		0.440		0.213		0.540		0.244	

NOTES:

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below

the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Highlighted concentration is depicted as regulatory exceedance.

Table 3 : Soil Sample Summary of Full TCLP list
 Project : HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue, Brooklyn, NY

Sample ID	CAS Number	USEPA Hazardous Waste Limits	SB-1 (Comp)		SB-2 (Comp)		SB-3 (Comp)		SB-5 (Comp)		SB-5 (Comp) (Actual SB-4 (Comp))		SB-6 (Comp)		SB-7 (Comp)		SB-8 (Comp)		SB-9 (Comp)		SB-10 (Comp)		SB-11 (Comp)		SB-12 (Comp)		SB-13 (Comp)			
			20G1038-04	20G1038-03	20G1038-02	20G1038-01	20G0940-01	20G0940-02	20G0940-03	20G0940-04	20G0940-05	20G0940-06	20G0940-07	20G0940-08	20G0940-09															
York ID	Sampling Date	Client Matrix	7/27/2020 12:00:00 AM	7/27/2020 12:00:00 AM	7/27/2020 12:00:00 AM	7/27/2020 12:00:00 AM	7/27/2020 12:00:00 AM	7/27/2020 12:00:00 AM	7/27/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM	7/24/2020 12:00:00 AM			
Compound	CAS Number	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Volatile Organics, TCLP RCRA List			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Dilution Factor			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
1,1-Dichloroethylene	75-35-4	0.7	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
1,2-Dichloroethane	107-06-2	0.5	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
1,4-Dichlorobenzene	106-46-7	7.5	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
2-Butanone	78-93-3	200	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Benzene	71-43-2	0.5	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Carbon tetrachloride	56-23-5	0.5	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Chlorobenzene	108-90-7	100	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Chloroform	67-66-3	6	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Tetrachloroethylene	127-18-4	0.7	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Trichloroethylene	79-01-6	0.5	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Vinyl Chloride	75-01-4	0.2	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Semi-Volatiles, TCLP RCRA Target List			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Dilution Factor			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1,4-Dichlorobenzene	106-46-7	7.5	0.00645	U	0.00645	U	0.00645	U	0.00645	U	0.00645	U	0.00645	U	0.00645	U	0.00645	U	0.00645	U	0.00645	U	0.00645	U	0.00645	U	0.00645	U	0.00645	U
2,4,5-Trichlorophenol	95-95-4	400	0.00722	U	0.00722	U	0.00722	U	0.00722	U	0.00722	U	0.00722	U	0.00722	U	0.00722	U	0.00722	U	0.00722	U	0.00722	U	0.00722	U	0.00722	U	0.00722	U
2,4,6-Trichlorophenol	88-06-2	2	0.00654	U	0.00654	U	0.00654	U	0.00654	U	0.00654	U	0.00654	U	0.00654	U	0.00654	U	0.00654	U	0.00654	U	0.00654	U	0.00654	U	0.00654	U	0.00654	U
2,4-Dinitrotoluene	121-14-2	0.13	0.00473	U	0.00473	U	0.00473	U	0.00473	U	0.00473	U	0.00473	U	0.00473	U	0.00473	U	0.00473	U	0.00473	U	0.00473	U	0.00473	U	0.00473	U	0.00473	U
2-Methylphenol	95-48-7	200	0.00171	U	0.00171	U	0.00171	U	0.00171	U	0.00171	U	0.00171	U	0.00171	U	0.00171	U	0.00171	U	0.00171	U	0.00171	U	0.00171	U	0.00171	U	0.00171	U
3- & 4-Methylphenols	65794-96-9	200	0.00743	U	0.00743	U	0.00743	U	0.00743	U	0.00743	U	0.00743	U	0.00743	U	0.00743	U	0.00743	U	0.00743	U	0.00743	U	0.00743	U	0.00743	U	0.00743	U
Cresols, total	1319-77-3	200	0.00740	U	0.00740	U	0.00740	U	0.00740	U	0.00740	U	0.00740	U	0.00740	U	0.00740	U	0.00740	U	0.00740	U	0.00740	U	0.00740	U	0.00740	U	0.00740	U
Hexachlorobenzene	118-74-1	0.13	0.00591	U	0.00591	U	0.00591	U	0.00591	U	0.00591	U	0.00591	U	0.00591	U	0.00591	U	0.00591	U	0.00591	U	0.00591	U	0.00591	U	0.00591	U	0.00591	U
Hexachlorobutadiene	87-68-3	0.5	0.00662	U	0.00662	U	0.00662	U	0.00662	U	0.00662	U	0.00662	U	0.00662	U	0.00662	U	0.00662	U	0.00662	U	0.00662	U	0.00662	U	0.00662	U	0.00662	U
Hexachloroethane	67-72-1	3	0.00726	U	0.00726	U	0.00726	U	0.00726	U	0.00726	U	0.00726	U	0.00726	U	0.00726	U	0.00726	U	0.00726	U	0.00726	U	0.00726	U	0.00726	U	0.00726	U
Nitrobenzene	98-95-3	2	0.00393	U	0.00393	U	0.00393	U	0.00393	U	0.00393	U	0.00393	U	0.00393	U	0.00393	U	0.00393	U	0.00393	U	0.00393	U	0.00393	U	0.00393	U	0.00393	U
Pentachlorophenol	87-86-5	100	0.00753	U	0.00753	U	0.00753	U	0.00753	U	0.00753	U	0.00753	U	0.00753	U	0.00753	U	0.00753	U	0.00753	U	0.00753	U	0.00753	U	0.00753	U	0.00753	U
Pyridine	110-86-1	5	0.00637	U	0.00637	U	0.00637	U	0.00637	U	0.00637	U	0.00637	U	0.00637	U	0.00637	U	0.00637	U	0.00637	U	0.00637	U	0.00637	U	0.00637	U	0.00637	U
Pesticides, TCLP RCRA List			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Dilution Factor			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Chlordane, total	57-74-9	0.03	0.00022	U	0.00022	U	0.00022	U	0.00022	U	0.00022	U	0.00022	U	0.00022	U	0.00022	U	0.00022	U	0.00022	U	0.00022	U	0.00022	U	0.00022	U	0.00022	U
Endrin	72-20-8	0.02	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U
gamma-BHC (Lindane)	58-89-9	0.4	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U
Heptachlor	76-44-8	0.008	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U
Heptachlor epoxide	1024-57-3	0.008	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U
Methoxychlor	72-43-5	10	0.00004	U	0.00004	U	0.00004	U	0.000																					

Table 3 : Soil Sample Summary of Full TCLP list
 Project : HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue, Brooklyn, NY

Sample ID		USEPA Hazardous Waste Limits	SB-1 (Comp)		SB-2 (Comp)		SB-3 (Comp)		SB-5 (Comp)		SB-5 (Comp) (Actual SB-4 (Comp))		SB-6 (Comp)		SB-7 (Comp)		SB-8 (Comp)		SB-9 (Comp)		SB-10 (Comp)		SB-11 (Comp)		SB-12 (Comp)		SB-13 (Comp)			
York ID			20G1038-04		20G1038-03		20G1038-02		20G1038-01		20G0940-01		20G0940-02		20G0940-03		20G0940-04		20G0940-05		20G0940-06		20G0940-07		20G0940-08		20G0940-09			
Sampling Date			7/27/2020 12:00:00 AM		7/27/2020 12:00:00 AM		7/27/2020 12:00:00 AM		7/27/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM		7/24/2020 12:00:00 AM			
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Mercury TCLP by 7473		mg/L	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor			1		1		1		1		1		1		1		1		1		1		1		1		1		1	
Mercury	7439-97-6	0.200	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U

NOTES:
 U=analyte not detected at or above the level indicated
 ~=this indicates that no regulatory limit has been
 established for this analyte
 Highlighted concentration is depicted as regulatory exceedance.

Table 3 : Soil Sample Summary of Full TCLP list
 Project : HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue, Brooklyn, NY


Sample ID		USEPA Hazardous Waste Limits	SB-14 (Comp)		SB-15 (Comp)		SB-16 (Comp)		SB-17 (Comp)		SB-18 (Comp)		SB-19 (Comp)		SB-20 (Comp)		SB-21 (Comp)		SB-22 (Comp)		SB-23 (Comp)		SB-24 (Comp)		SB-25 (Comp)		SB-26 (Comp)	
York ID			20G0940-10	20G0886-01	20G0886-02	20G0886-03	20G0886-04	20G0886-05	20G0776-06	20G0886-06	20G0776-05	20G0776-04	20G0776-03	20G0776-02	20G0776-01													
Sampling Date			7/24/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/21/2020 12:00:00 AM	7/21/2020 12:00:00 AM	7/21/2020 12:00:00 AM	7/21/2020 12:00:00 AM												
Client Matrix			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil												
Compound	CAS Number	mg/L	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, TCLP RCRA List			mg/L																									
Dilution Factor			10		10		10		10		10		10		10		10		10		10		10		10		10	
1,1-Dichloroethylene	75-35-4	0.7	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
1,2-Dichloroethane	107-06-2	0.5	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
1,4-Dichlorobenzene	106-46-7	7.5	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
2-Butanone	78-93-3	200	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Benzene	71-43-2	0.5	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Carbon tetrachloride	56-23-5	0.5	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Chlorobenzene	108-90-7	100	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Chloroform	67-66-3	6	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Tetrachloroethylene	127-18-4	0.7	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Trichloroethylene	79-01-6	0.5	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Vinyl Chloride	75-01-4	0.2	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Semi-Volatiles, TCLP RCRA Target List			mg/L																									
Dilution Factor			1		1		1		1		1		1		1		1		1		1		1		1		1	
1,4-Dichlorobenzene	106-46-7	7.5	0.00645	U	0.00645	U	0.00645	U	0.00645	U	0.00516	U	0.00645	U	0.00645	U	0.00645	U	0.00645	U	0.00645	U	0.00645	U	0.00645	U	0.00645	U
2,4,5-Trichlorophenol	95-95-4	400	0.00722	U	0.00722	U	0.00722	U	0.00722	U	0.00577	U	0.00722	U	0.00722	U	0.00722	U	0.00722	U	0.00722	U	0.00722	U	0.00722	U	0.00722	U
2,4,6-Trichlorophenol	88-06-2	2	0.00654	U	0.00654	U	0.00654	U	0.00654	U	0.00523	U	0.00654	U	0.00654	U	0.00654	U	0.00654	U	0.00654	U	0.00654	U	0.00654	U	0.00654	U
2,4-Dinitrotoluene	121-14-2	0.13	0.00473	U	0.00473	U	0.00473	U	0.00473	U	0.00379	U	0.00473	U	0.00473	U	0.00473	U	0.00473	U	0.00473	U	0.00473	U	0.00473	U	0.00473	U
2-Methylphenol	95-48-7	200	0.00171	U	0.00171	U	0.00171	U	0.00171	U	0.00137	U	0.00171	U	0.00171	U	0.00171	U	0.00171	U	0.00171	U	0.00171	U	0.00171	U	0.00171	U
3- & 4-Methylphenols	65794-96-9	200	0.00743	U	0.00743	U	0.00743	U	0.00743	U	0.00595	U	0.00743	U	0.00743	U	0.00743	U	0.00743	U	0.00743	U	0.00743	U	0.00743	U	0.00743	U
Cresols, total	1319-77-3	200	0.00740	U	0.00740	U	0.00740	U	0.00740	U	0.00592	U	0.00740	U	0.00740	U	0.00740	U	0.00740	U	0.00740	U	0.00740	U	0.00740	U	0.00740	U
Hexachlorobenzene	118-74-1	0.13	0.00591	U	0.00591	U	0.00591	U	0.00591	U	0.00473	U	0.00591	U	0.00591	U	0.00591	U	0.00591	U	0.00591	U	0.00591	U	0.00591	U	0.00591	U
Hexachlorobutadiene	87-68-3	0.5	0.00662	U	0.00662	U	0.00662	U	0.00662	U	0.00530	U	0.00662	U	0.00662	U	0.00662	U	0.00662	U	0.00662	U	0.00662	U	0.00662	U	0.00662	U
Hexachloroethane	67-72-1	3	0.00726	U	0.00726	U	0.00726	U	0.00726	U	0.00581	U	0.00726	U	0.00726	U	0.00726	U	0.00726	U	0.00726	U	0.00726	U	0.00726	U	0.00726	U
Nitrobenzene	98-95-3	2	0.00393	U	0.00393	U	0.00393	U	0.00393	U	0.00315	U	0.00393	U	0.00393	U	0.00393	U	0.00393	U	0.00393	U	0.00393	U	0.00393	U	0.00393	U
Pentachlorophenol	87-86-5	100	0.00753	U	0.00753	U	0.00753	U	0.00753	U	0.00602	U	0.00753	U	0.00753	U	0.00753	U	0.00753	U	0.00753	U	0.00753	U	0.00753	U	0.00753	U
Pyridine	110-86-1	5	0.00637	U	0.00637	U	0.00637	U	0.00637	U	0.00510	U	0.00637	U	0.00637	U	0.00637	U	0.00637	U	0.00637	U	0.00637	U	0.00637	U	0.00637	U
Pesticides, TCLP RCRA List			mg/L																									
Dilution Factor			1		1		1		1		1		1		1		1		1		1		1		1		1	
Chlordane, total	57-74-9	0.03	0.00022	U	0.00022	U	0.00022	U	0.00022	U	0.00022	U	0.00022	U	0.00022	U	0.00022	U	0.00022	U	0.00022	U	0.00022	U	0.00022	U	0.00022	U
Endrin	72-20-8	0.02	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U
gamma-BHC (Lindane)	58-89-9	0.4	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U
Heptachlor	76-44-8	0.008	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U
Heptachlor epoxide	1024-57-3	0.008	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U
Methoxychlor	72-43-5	10	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U
Toxaphene	8001-35-2	0.5	0.00111	U	0.00111	U	0.00111	U	0.00111	U	0.00111	U	0.00111	U	0.00111	U	0.00111	U	0.00111	U	0.00111	U	0.00111	U	0.00111	U	0.00111	U
Metals, TCLP RCRA			mg/L																									
Dilution Factor			1		1		1		1		1		1		1		1		1		1		1		1		1	
Arsenic	7440-38-2	5	0.375	U	0.375	U	0.375	U	0.375	U	0.375	U	0.375	U	0.375	U	0.375	U	0.375	U	0.375	U	0.375	U	0.375	U	0.375	U
Barium	7440-39-3	100	0.625	U	0.769	U	1.160	U	0.625	U	1.450	U	0.625	U	0.625	U	0.625	U	1.030	U	0.625	U	0.625	U				


Table 3 : Soil Sample Summary of Full TCLP list
 Project : HWK1048D - Reconstruction of Brooklyn Waterfront Greenway Hamilton Avenue, Brooklyn, NY


Sample ID		USEPA Hazardous Waste Limits	SB-14 (Comp)		SB-15 (Comp)		SB-16 (Comp)		SB-17 (Comp)		SB-18 (Comp)		SB-19 (Comp)		SB-20 (Comp)		SB-21 (Comp)		SB-22 (Comp)		SB-23 (Comp)		SB-24 (Comp)		SB-25 (Comp)		SB-26 (Comp)	
York ID			20G0940-10	20G0886-01	20G0886-02	20G0886-03	20G0886-04	20G0886-05	20G0776-06	20G0886-06	20G0776-05	20G0776-04	20G0776-03	20G0776-02	20G0776-01													
Sampling Date			7/24/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/21/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/21/2020 12:00:00 AM	7/23/2020 12:00:00 AM	7/21/2020 12:00:00 AM	7/21/2020 12:00:00 AM	7/21/2020 12:00:00 AM	7/21/2020 12:00:00 AM												
Client Matrix			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil												
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Mercury TCLP by 7473		mg/L	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor			1		1		1		1		1		1		1		1		1		1		1		1		1	
Mercury	7439-97-6	0.200	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U	0.00020	U


NOTES:
 U=analyte not detected at or above the level indicated
 ~=this indicates that no regulatory limit has been established for this analyte
 Highlighted concentration is depicted as regulatory exceedance.


APPENDIX-A


SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:		SB-1	
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	1		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	7:00 am	Finish Time:	7:45 am
EcoTerra Consulting LLC		Driller:	MIG Consulting	Date: 07/27/2020			
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP				
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Moisture	PID	NAPL
1	40	Fill containing asphalt, glass, bricks and black brown silty SAND.		No	No	0	No
2							
3							
4							
5	8	Black brown silty SAND with clay.		No	No	0	No
End of soil boring at _5_ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlologies were developed for environmental puroposes only .							


SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:		SB-2	
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	2		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	8:00 am	Finish Time:	8:45 am
EcoTerra Consulting LLC		Driller:	MIG Consulting	Date: 07/27/2020			
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP				
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	36	Fill containing asphalt, bricks, stones and black brown silty SAND.		No	No	0	No
2							
3							
4							
5	32	Black brown silty SAND.		No	No	0	No
6							
7							
8							
9	5	Brown to black brown silty SAND with clay.		No	No	0	No
End of soil boring at _9__ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlologies were developed for environmental puroposes only .							


SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:		SB-3	
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	3		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	9:00 am	Finish Time:	9:45 am
EcoTerra Consulting LLC		Driller:	MIG Consulting				
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP	Date: 07/27/2020			
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	32	Fill containing asphalt, glass, bricks and black brown silty SAND.		No	No	0	No
2							
3							
4							
5	6	Black brown silty SAND.		No	No	0	No
End of soil boring at _5__ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only .							


SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:		SB-4	
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	4		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	1:00 pm	Finish Time:	1:45 pm
EcoTerra Consulting LLC		Driller:	MIG Consulting	Date: 07/24/2020			
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP				
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	34	Fill containing asphalt, glass, bricks and black brown silty SAND.		No	No	0	No
2							
3							
4							
5	5	Black brown silty SAND with clay.		No	No	0	No
End of soil boring at _5_ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlologies were developed for environmental puroposes only .							


SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:	SB-5		
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	5		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	10:00 am	Finish Time:	10:45 am
EcoTerra Consulting LLC		Driller:	MIG Consulting				
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP	Date: 07/27/2020			
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	33	Fill containing asphalt, bricks and black brown silty SAND.		No	No	No	No
2							
3							
4							
5	8	Black brown silty SAND with clay.		No	No	No	No
End of soil boring at <u>5</u> feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlologies were developed for environmental puroposes only .							


SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:	SB-6		
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	6		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	12:30 pm	Finish Time:	1:00 pm
EcoTerra Consulting LLC		Driller:	MIG Consulting	Date: 07/24/2020			
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP				
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	34	Fill containing asphalt, bricks and black brown silty SAND.		No	No	0	No
2							
3							
4							
5	6	Black brown to dark brown silty SAND with clay.		No	No	0	No
End of soil boring at <u>5</u> feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlologies were developed for environmental puroposes only .							


SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:	SB-7		
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	7		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	12:00 pm	Finish Time:	12:30 pm
EcoTerra Consulting LLC		Driller:	MIG Consulting				
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP	Date: 07/24/2020			
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	36	Fill containing asphalt, glass, bricks and black brown silty SAND.		No	No	0	No
2							
3							
4							
5	5	Dark brown silty SAND.		No	No	0	No
End of soil boring at <u>5</u> feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlologies were developed for environmental puroposes only .							


SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:	SB-8		
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	8		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	11:30 am	Finish Time:	12:00 pm
EcoTerra Consulting LLC		Driller:	MIG Consulting	Date: 07/24/2020			
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP				
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Moisture	PID	NAPL
1	38	Fill containing asphalt, glass, bricks and black brown silty SAND.		No	No	0	No
2							
3							
4							
5	18	Black brown to dark brown silty SAND with gravels.		No	No	0	No
6							
End of soil boring at _6__ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental purposes only .							


SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:		SB-9	
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	9		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	11:00 am	Finish Time:	11:30 am
EcoTerra Consulting LLC		Driller:	MIG Consulting	Date: 07/24/2020			
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP				
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	40	Fill containing asphalt, glass, bricks and black brown silty SAND.		No	No	0	No
2							
3							
4							
5	8	Black brown silty SAND with clay.		No	No	0	No
End of soil boring at _5_ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlologies were developed for environmental puroposes only .							


SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:		SB-10	
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	10		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	10:30 am	Finish Time: 11:00 am	
EcoTerra Consulting LLC		Driller:	MIG Consulting	Date: 07/24/2020			
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP				
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	40	Fill containing asphalt, glass, bricks and brown silty SAND.		No	No	0	No
2							
3							
4							
5	18	Dark brown silty SAND with stones and gravels.		No	No	0	No
6							
End of soil boring at _6_ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlologies were developed for environmental puroposes only .							


SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:		SB-11	
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	11		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	10:00 am	Finish Time:	10:30 am
EcoTerra Consulting LLC		Driller:	MIG Consulting	Date: 07/24/2020			
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP				
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	34	Fill containing asphalt, stones, bricks and dark brown silty SAND.		No	No	0	No
2							
3							
4							
5	14	Dark brown to brown silty SAND with clay.		No	No	0	No
6							
End of soil boring at _6_ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlologies were developed for environmental puroposes only .							


SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:		SB-12	
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	12		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	9:30 am	Finish Time:	10:00 am
EcoTerra Consulting LLC		Driller:	MIG Consulting	Date: 07/24/2020			
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP				
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	32	Fill containing asphalt, glass, bricks and black brown silty SAND.		No	No	0	No
2							
3							
4							
5	5	Black brown silty SAND with gravels.		No	No	0	No
End of soil boring at _5__ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlologies were developed for environmental puroposes only .							


SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:		SB-13	
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	13		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	9:00 am	Finish Time:	9:30 am
EcoTerra Consulting LLC		Driller:	MIG Consulting	Date: 07/24/2020			
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP				
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	36	Fill containing asphalt, glass, bricks and black brown silty SAND.		No	No	0	No
2							
3							
4							
5	10	Black brown to dark brown silty SAND with clay.		No	No	0	No
End of soil boring at _5_ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlologies were developed for environmental puroposes only .							


SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:		SB-14	
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	14		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:		Finish Time:	
EcoTerra Consulting LLC		Driller:	MIG Consulting	7:30 am		9:00 am	
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854				Date: 07/24/2020			
	Logged By:	HP					
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	24	Concrete patch		No	No	0	No
2							
3	14	Fill containing asphalt, glass, bricks and black brown silty SAND.		No	No	0	No
4							
5	6	Black brown silty SAND with clay.		No	No	0	No
End of soil boring at _5_ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlologies were developed for environmental puroposes only .							


SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:	SB-15		
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	15		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	7:00 am	Finish Time:	9:00 am
EcoTerra Consulting LLC		Driller:	MIG Consulting				
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP	Date: 07/23/2020			
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	40	Concrete patch followed by fill containing asphalt, glass, bricks and dark brown silty SAND.		No	No	0	No
2							
3							
4							
5	32	Dark brown silty SAND with gravels.		No	No	0	No
6							
7							
8							
9	34	Dark brown to brown silty SAND with trace gravels and clay.		No	Yes	0	No
10							
11							
12							
13	34	Dark brown silty SAND with clay.		No	Yes	0	No
14							
15							
16							
17	35	Dark brown to red brown silty SAND with clay.		No	Yes	0	No
18							
19							
20							
21	16	Brown silty SAND with clay.		No	Yes	0	No
22							
End of soil boring at _22_ feet below grade. Groundwater was encountered at 12' below ground surface.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlologies were developed for environmental puroposes only .							


SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:		SB-16	
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	16		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time: 9:00 am		Finish Time: 11:00 am	
EcoTerra Consulting LLC		Driller:	MIG Consulting	Date: 07/23/2020			
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP				
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	24	Concrete patch.		No	No	0	No
2							
3	16	Fill containing asphalt, glass, bricks and black silty SAND.		No	No	0	No
4							
5	8	Black brown silty SAND with trace stones.		No	No	0	No
End of soil boring at _5_ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlogies were developed for environmental puroposes only .							


SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:	SB-17		
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	17		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	Finish Time:		
EcoTerra Consulting LLC		Driller:	MIG Consulting	11:00 am	01:00 pm		
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP	Date: 07/23/2020			
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	24	Concrete patch		No	No	0	No
2							
3	16	Fill containing asphalt, glass, bricks and black brown silty SAND.		No	No	0	No
4							
5	8	Black brown silty SAND with stones and trace gravel.		No	No	0	No
End of soil boring at _5_ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlogies were developed for environmental puroposes only .							


SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:		SB-18	
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	18		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	7:00 am	Finish Time:	7:45 pm
EcoTerra Consulting LLC		Driller:	MIG Consulting	Date: 07/22/2020			
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP				
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	38	Fill containing asphalt, glass, bricks, stones and black brown silty SAND.		No	No	0	No
2							
3							
4							
5	6	Dark brown silty SAND.		No	No	0	No
End of soil boring at _5_ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlogies were developed for environmental puroposes only .							


SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:		SB-19	
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	19		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	7:45 am	Finish Time:	8:45 pm
EcoTerra Consulting LLC		Driller:	MIG Consulting	Date: 07/22/2020			
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP				
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	38	Fill containing asphalt, glass, bricks and dark brown silty SAND.		No	No	0	No
2							
3							
4							
5	6	Dark brown silty SAND with trace gravel.		No	No	0	No
End of soil boring at _5_ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlologies were developed for environmental puroposes only .							


SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:		SB-20	
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	20		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	7:30 am	Finish Time:	8:30 am
EcoTerra Consulting LLC		Driller:	MIG Consulting	Date: 07/21/2020			
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP				
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	38	Fill containing asphalt, glass, bricks and black brown silty SAND.		No	No	0	No
2							
3							
4							
5	8	Black brown silty SAND with clay.		No	No	0	No
End of soil boring at _5_ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlologies were developed for environmental puroposes only .							


SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:		SB-21	
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	21		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	8:45 am	Finish Time:	10:00 am
EcoTerra Consulting LLC		Driller:	MIG Consulting				
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Weather:	Cloudy, 42 F	Date: 07/22/2020			
		Logged By:	HP				
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	36	Fill containing asphalt, glass, bricks and black brown silty SAND.		No	No	0	No
2							
3							
4							
5	32	Black brown to dark brown silty SAND with trace gravel and clay.		No	No	0	No
6							
7							
8							
9	20	Black brown silty SAND with traces of clay.		No	No	0	No
10							
End of soil boring at _10__ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodologies were developed for environmental puroposes only .							

SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:		SB-22	
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	22		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:		Finish Time:	
EcoTerra Consulting LLC		Driller:	MIG Consulting	8:30 am		9:30 am	
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854				Date: 07/21/2020			
	Logged By:	HP					
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	32	Fill containing asphalt, glass, bricks and black brown silty SAND.		No	No	0	No
2							
3							
4							
5	8	Black brown silty SAND with clay.		No	No	0	No
End of soil boring at _5_ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlologies were developed for environmental puroposes only .							

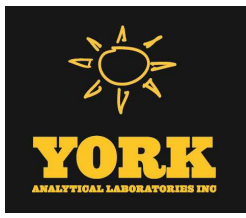
SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:		SB-23	
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	23		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	9:30 am	Finish Time:	10:30 am
EcoTerra Consulting LLC		Driller:	MIG Consulting	Date: 07/21/2020			
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP				
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	32	Fill containing asphalt, glass, bricks and brown silty SAND.		No	No	0	No
2							
3							
4							
5	6	Dark brown silty SAND with trace gravel.		No	No	0	No
6							
End of soil boring at _6_ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlogies were developed for environmental puroposes only .							

SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:		SB-24	
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	24		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	10:30 am	Finish Time:	11:30 am
EcoTerra Consulting LLC		Driller:	MIG Consulting	Date: 07/21/2020			
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP				
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	34	Fill containing asphalt, glass, bricks and black brown silty SAND.		No	No	0	No
2							
3							
4							
5	5	Black brown silty SAND with clay.		No	No	0	No
6							
End of soil boring at _6__ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlogies were developed for environmental puroposes only .							

SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:		SB-25	
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	25		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	11:30 am	Finish Time:	12:30 pm
EcoTerra Consulting LLC		Driller:	MIG Consulting	Date: 07/21/2020			
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP				
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	32	Fill containing asphalt, glass, stones and black brown silty SAND.		No	No	0	No
2							
3							
4							
5	8	Black brown to dark brown silty SAND with clay.		No	No	0	No
End of soil boring at _5_ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlologies were developed for environmental puroposes only .							

SOIL BORING LOG		Project Number:	HWK1048D	Soil Boring ID:		SB-26	
		Project Address:	Reconstruction of Brooklyn Waterfront Greenway	Sheet:	26		
		Drilling Method:	Geoprobe	Drilling			
		Sampling Method:	Soil Boring	Start Time:	12:30 pm	Finish Time:	1:30 pm
EcoTerra Consulting LLC		Driller:	MIG Consulting	Date: 07/21/2020			
2 Lakeview avenue, Suite 1-C, Piscataway, NJ 08854		Logged By:	HP				
Depth (feet)	Recovery (inches)	Surface Condition:		Odor	Mositure	PID	NAPL
1	36	Fill containing asphalt, glass, bricks and black brown silty SAND.		No	No	0	No
2							
3							
4							
5	5	Black brown silty SAND with clay.		No	No	0	No
End of soil boring at _5_ feet below grade. Groundwater was not encountered.							
PID=photoionization detector NAPL=non-aqueous phase liquid ND=not detected							
Classification System based solely on visual field observations. Descriptions and methodlogies were developed for environmental puroposes only .							

APPENDIX-B



Technical Report

prepared for:

EcoTerra Consulting LLC

10 Willow Drive

Edison NJ, 08820

Attention: Hetansh Patel

Report Date: 09/08/2020

Client Project ID: Brooklyn Waterfront

York Project (SDG) No.: 20G0776

Revision No. 1.0

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
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STRATFORD, CT 06615
(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 09/08/2020
Client Project ID: Brooklyn Waterfront
York Project (SDG) No.: 20G0776

EcoTerra Consulting LLC
10 Willow Drive
Edison NJ, 08820
Attention: Hetansh Patel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 21, 2020 with a temperature of 3.4 C. The project was identified as your project: **Brooklyn Waterfront**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
20G0776-01	SB-26 (Comp)	Soil	07/21/2020	07/21/2020
20G0776-02	SB-25 (Comp)	Soil	07/21/2020	07/21/2020
20G0776-03	SB-24 (Comp)	Soil	07/21/2020	07/21/2020
20G0776-04	SB-23 (Comp)	Soil	07/21/2020	07/21/2020
20G0776-05	SB-22 (Comp)	Soil	07/21/2020	07/21/2020
20G0776-06	SB-20 (Comp)	Soil	07/21/2020	07/21/2020
20G0776-07	SB-26 (g)	Soil	07/21/2020	07/21/2020
20G0776-08	SB-25 (g)	Soil	07/21/2020	07/21/2020
20G0776-09	SB-24 (g)	Soil	07/21/2020	07/21/2020
20G0776-10	SB-23 (g)	Soil	07/21/2020	07/21/2020
20G0776-11	SB-22 (g)	Soil	07/21/2020	07/21/2020
20G0776-12	SB-20 (g)	Soil	07/21/2020	07/21/2020

General Notes for York Project (SDG) No.: 20G0776

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 09/08/2020





Sample Information

Client Sample ID: SB-26 (Comp)

York Sample ID: 20G0776-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:06	SS
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:06	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:06	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:06	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:06	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:06	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:06	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:06	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:06	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %	77-125
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	92.4 %	76-130
2037-26-5	Surrogate: SURR: Toluene-d8	91.0 %	85-120

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH



Sample Information

Client Sample ID: SB-26 (Comp)

York Sample ID: 20G0776-01

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH



Sample Information

Client Sample ID: SB-26 (Comp)

York Sample ID: 20G0776-01

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
83-32-9	Acenaphthene	52.7	J	ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
62-53-3	Aniline	ND		ug/kg dry	183	367	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
120-12-7	Anthracene	111		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
92-87-5	Benzidine	ND		ug/kg dry	183	367	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
56-55-3	Benzo(a)anthracene	277		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
50-32-8	Benzo(a)pyrene	256		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
205-99-2	Benzo(b)fluoranthene	199		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
191-24-2	Benzo(g,h,i)perylene	132		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
207-08-9	Benzo(k)fluoranthene	204		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
65-85-0	Benzoic acid	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH



Sample Information

Client Sample ID: SB-26 (Comp)

York Sample ID: 20G0776-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
105-60-2	Caprolactam	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
86-74-8	Carbazole	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
218-01-9	Chrysene	251		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 17:43	KH
206-44-0	Fluoranthene	596		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
86-73-7	Fluorene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
193-39-5	Indeno(1,2,3-cd)pyrene	166		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
78-59-1	Isophorone	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH



Sample Information

Client Sample ID: SB-26 (Comp)

York Sample ID: 20G0776-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
85-01-8	Phenanthrene	508		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
108-95-2	Phenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
129-00-0	Pyrene	494		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 17:43	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	73.2 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	72.3 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	85.8 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	67.8 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	94.0 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	78.4 %	24-116								

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/24/2020 15:10	07/27/2020 11:41	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 11:41	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 11:41	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 11:41	OW
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 11:41	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 11:41	OW



Sample Information

Client Sample ID: SB-26 (Comp)

York Sample ID: 20G0776-01

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/24/2020 15:10	07/27/2020 11:41	OW
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 11:41	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 11:41	OW
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 11:41	OW
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 11:41	OW
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 11:41	OW
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 11:41	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	42.1 %			10-90.9						
4165-62-2	Surrogate: SURRE: Phenol-d5	30.8 %			10-69.2						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	66.6 %			19.2-141						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	60.7 %			24.8-127						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	111 %			23-163						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	93.0 %			25.8-110						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:17	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:17	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:17	CM
309-00-2	Aldrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:17	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:17	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/24/2020 06:52	07/24/2020 17:17	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:17	CM



Sample Information

Client Sample ID: SB-26 (Comp)

York Sample ID: 20G0776-01

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/kg dry	37.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:17	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:17	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:17	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:17	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/24/2020 06:52	07/24/2020 17:17	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:17	CM
72-20-8	Endrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:17	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:17	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:17	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:17	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/24/2020 06:52	07/24/2020 17:17	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:17	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:17	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.25	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:17	CM
8001-35-2	Toxaphene	ND		ug/kg dry	93.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:17	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	126 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	89.2 %	30-150

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 17:17	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 17:17	CM



Sample Information

Client Sample ID: SB-26 (Comp)

York Sample ID: 20G0776-01

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 17:17	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 17:17	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 17:17	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 17:17	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 17:17	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	147 %	S-GC	30-120
877-09-8	Surrogate: Tetrachloro-m-xylene	81.8 %		30-120

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 21:51	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 21:51	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 21:51	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 21:51	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 21:51	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 21:51	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 21:51	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 21:51	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 21:51	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	07/24/2020 06:52	07/24/2020 21:51	BJ

Surrogate Recoveries

Result

Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	73.0 %		30-140
2051-24-3	Surrogate: Decachlorobiphenyl	66.0 %		30-140



Sample Information

Client Sample ID: SB-26 (Comp)

York Sample ID: 20G0776-01

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	22.0	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 14:57	07/24/2020 12:18	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.0	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 14:57	07/24/2020 12:18	BJ
94-75-7	2,4-D	ND		ug/kg dry	22.0	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 14:57	07/24/2020 12:18	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	77.6 %			21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/24/2020 14:55	07/27/2020 13:44	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/24/2020 14:55	07/27/2020 13:44	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	67.4 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	55.1	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/22/2020 15:05	07/23/2020 14:58	SGM
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	65.1 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	64.0 %			28.7-124					

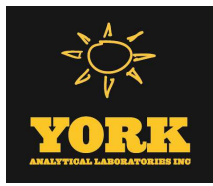
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	8980		mg/kg dry	5.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML
7440-36-0	Antimony	ND		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML



Sample Information

Client Sample ID: SB-26 (Comp)

York Sample ID: 20G0776-01

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	12.9		mg/kg dry	1.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML
7440-39-3	Barium	53.7		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.337	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML
7440-70-2	Calcium	2820		mg/kg dry	5.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML
7440-47-3	Chromium	26.9		mg/kg dry	0.562	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML
7440-48-4	Cobalt	7.94		mg/kg dry	0.450	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML
7440-50-8	Copper	33.0		mg/kg dry	2.25	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML
7439-89-6	Iron	18500		mg/kg dry	28.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML
7439-92-1	Lead	54.8		mg/kg dry	0.562	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML
7439-95-4	Magnesium	2480		mg/kg dry	5.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML
7439-96-5	Manganese	371		mg/kg dry	0.562	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML
7440-02-0	Nickel	24.6		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML
7440-09-7	Potassium	1080		mg/kg dry	5.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML
7782-49-2	Selenium	ND		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML
7440-22-4	Silver	ND		mg/kg dry	0.562	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML
7440-23-5	Sodium	476		mg/kg dry	56.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML
7440-28-0	Thallium	ND		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML
7440-62-2	Vanadium	26.6		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML
7440-66-6	Zinc	108		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:26	KML

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-26 (Comp)

York Sample ID: 20G0776-01

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:38	KML
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:38	KML
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:38	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:38	KML
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:38	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:38	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:38	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.244		mg/kg dry	0.0337	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/22/2020 13:53	07/22/2020 14:13	SY

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/23/2020 13:20	07/23/2020 15:58	MAO

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.562	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/22/2020 08:47	07/22/2020 16:41	WJM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.99		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	07/23/2020 09:01	07/23/2020 14:46	ZTS



Sample Information

Client Sample ID: SB-26 (Comp)

York Sample ID: 20G0776-01

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.562	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 08:46	07/22/2020 15:06	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.99		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/23/2020 09:01	07/23/2020 15:25	JAG

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/22/2020 15:04	07/22/2020 22:10	ZTS

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/22/2020 15:05	07/22/2020 22:11	ZTS

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	21.6		°C	1.00	1	EPA 170.1 Certifications:	07/23/2020 09:01	07/23/2020 14:46	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P Certifications:	09/05/2020 11:05	09/05/2020 11:19	TAJ

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	250	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/23/2020 09:03	07/23/2020 15:27	JAG



Sample Information

Client Sample ID: SB-26 (Comp)

York Sample ID: 20G0776-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.9		%	0.100	1	SM 2540G Certifications: CTDOH	07/22/2020 08:07	07/22/2020 14:34	WJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 16:14	07/23/2020 11:42	TAJ

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 16:01	07/23/2020 11:41	TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 17:01	07/23/2020 10:32	TAJ

Sample Information

Client Sample ID: SB-25 (Comp)

York Sample ID: 20G0776-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:31	SS



Sample Information

Client Sample ID: SB-25 (Comp)

York Sample ID: 20G0776-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:31	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:31	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:31	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:31	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:31	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:31	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:31	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:31	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	102 %			77-125						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	92.5 %			76-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	91.2 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH



Sample Information

Client Sample ID: SB-25 (Comp)

York Sample ID: 20G0776-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
91-57-6	2-Methylnaphthalene	98.3	J	ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH



Sample Information

Client Sample ID: SB-25 (Comp)

York Sample ID: 20G0776-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

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Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include various chemical compounds like 4-Nitroaniline, Acenaphthene, Acenaphthylene, etc.



Sample Information

Client Sample ID: SB-25 (Comp)

York Sample ID: 20G0776-02

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Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
86-74-8	Carbazole	210		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
218-01-9	Chrysene	722		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
53-70-3	Dibenzo(a,h)anthracene	102		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
132-64-9	Dibenzofuran	166		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:13	KH
206-44-0	Fluoranthene	1910		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
86-73-7	Fluorene	179		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
193-39-5	Indeno(1,2,3-cd)pyrene	451		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
78-59-1	Isophorone	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
91-20-3	Naphthalene	219		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH



Sample Information

Client Sample ID: SB-25 (Comp)

York Sample ID: 20G0776-02

York Project (SDG) No.

Client Project ID

Matrix

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Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
85-01-8	Phenanthrene	2100		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
108-95-2	Phenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
129-00-0	Pyrene	1630		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:13	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	72.3 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	71.4 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	82.7 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	61.0 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	85.7 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	67.1 %			24-116						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/24/2020 15:10	07/27/2020 12:12	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 12:12	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 12:12	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 12:12	OW
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 12:12	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 12:12	OW
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/24/2020 15:10	07/27/2020 12:12	OW
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 12:12	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 12:12	OW
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 12:12	OW



Sample Information

Client Sample ID: SB-25 (Comp)

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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 12:12	OW
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 12:12	OW
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 12:12	OW
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	36.0 %			10-90.9						
4165-62-2	Surrogate: SURR: Phenol-d5	26.5 %			10-69.2						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	58.6 %			19.2-141						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	53.9 %			24.8-127						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	108 %			23-163						
1718-51-0	Surrogate: SURR: Terphenyl-d14	92.2 %			25.8-110						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:34	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:34	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:34	CM
309-00-2	Aldrin	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:34	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:34	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/24/2020 06:52	07/24/2020 17:34	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:34	CM
57-74-9	Chlordane, total	ND		ug/kg dry	38.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:34	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:34	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:34	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:34	CM



Sample Information

Client Sample ID: SB-25 (Comp)

York Sample ID: 20G0776-02

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/24/2020 06:52	07/24/2020 17:34	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:34	CM
72-20-8	Endrin	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:34	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:34	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:34	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:34	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/24/2020 06:52	07/24/2020 17:34	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:34	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:34	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:34	CM
8001-35-2	Toxaphene	ND		ug/kg dry	98.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 17:34	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	104 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	77.7 %	30-150

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 17:34	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 17:34	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 17:34	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 17:34	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 17:34	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 17:34	CM



Sample Information

Client Sample ID: SB-25 (Comp)

York Sample ID: 20G0776-02

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Soil

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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311	07/23/2020 16:16	07/24/2020 17:34	CM
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP		
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	141 %	S-GC		30-120						
877-09-8	Surrogate: Tetrachloro-m-xylene	82.2 %			30-120						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0196	1	EPA 8082A	07/24/2020 06:52	07/24/2020 22:05	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0196	1	EPA 8082A	07/24/2020 06:52	07/24/2020 22:05	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0196	1	EPA 8082A	07/24/2020 06:52	07/24/2020 22:05	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0196	1	EPA 8082A	07/24/2020 06:52	07/24/2020 22:05	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0196	1	EPA 8082A	07/24/2020 06:52	07/24/2020 22:05	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0196	1	EPA 8082A	07/24/2020 06:52	07/24/2020 22:05	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0196	1	EPA 8082A	07/24/2020 06:52	07/24/2020 22:05	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0196	1	EPA 8082A	07/24/2020 06:52	07/24/2020 22:05	BJ	
									Certifications: NELAC-NY10854,NJDEP,PADEP		
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0196	1	EPA 8082A	07/24/2020 06:52	07/24/2020 22:05	BJ	
									Certifications: NELAC-NY10854,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0196	1	EPA 8082A	07/24/2020 06:52	07/24/2020 22:05	BJ	
									Certifications:		
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	64.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	53.5 %			30-140						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	23.6	1	EPA 8151A	07/23/2020 14:57	07/24/2020 12:28	BJ
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	



Sample Information

Client Sample ID: SB-25 (Comp)

York Sample ID: 20G0776-02

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	23.6	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 14:57	07/24/2020 12:28	BJ
94-75-7	2,4-D	ND		ug/kg dry	23.6	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 14:57	07/24/2020 12:28	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	71.8 %			21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/24/2020 14:55	07/27/2020 13:55	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/24/2020 14:55	07/27/2020 13:55	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	65.6 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	56.7	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/22/2020 15:05	07/23/2020 15:27	SGM
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	66.0 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	65.4 %			28.7-124					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	21300		mg/kg dry	5.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML
7440-36-0	Antimony	ND		mg/kg dry	2.98	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML
7440-38-2	Arsenic	11.4		mg/kg dry	1.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML
7440-39-3	Barium	106		mg/kg dry	2.98	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML



Sample Information

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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.060	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.357	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML
7440-70-2	Calcium	1410		mg/kg dry	5.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML
7440-47-3	Chromium	23.1		mg/kg dry	0.596	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML
7440-48-4	Cobalt	9.13		mg/kg dry	0.477	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML
7440-50-8	Copper	22.4		mg/kg dry	2.38	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML
7439-89-6	Iron	19800		mg/kg dry	29.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML
7439-92-1	Lead	75.8		mg/kg dry	0.596	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML
7439-95-4	Magnesium	2110		mg/kg dry	5.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML
7439-96-5	Manganese	579		mg/kg dry	0.596	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML
7440-02-0	Nickel	17.0		mg/kg dry	1.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML
7440-09-7	Potassium	878		mg/kg dry	5.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML
7782-49-2	Selenium	ND		mg/kg dry	2.98	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML
7440-22-4	Silver	ND		mg/kg dry	0.596	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML
7440-23-5	Sodium	1410		mg/kg dry	59.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML
7440-28-0	Thallium	ND		mg/kg dry	2.98	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML
7440-62-2	Vanadium	32.5		mg/kg dry	1.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML
7440-66-6	Zinc	61.1		mg/kg dry	2.98	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:28	KML

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:41	KML
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:41	KML



Sample Information

Client Sample ID: SB-25 (Comp)

York Sample ID: 20G0776-02

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:41	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:41	KML
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:41	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:41	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:41	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.540		mg/kg dry	0.0357	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/22/2020 13:53	07/22/2020 14:41	SY

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/23/2020 13:20	07/23/2020 16:08	MAO

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.596	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/22/2020 08:47	07/22/2020 16:41	WJM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	7.86		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	07/23/2020 09:01	07/23/2020 14:46	ZTS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-25 (Comp)

York Sample ID: 20G0776-02

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Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.596	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 08:46	07/22/2020 15:06	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	7.86		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/23/2020 09:01	07/23/2020 15:25	JAG

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/22/2020 15:04	07/22/2020 22:10	ZTS

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/22/2020 15:05	07/22/2020 22:11	ZTS

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	21.6		°C	1.00	1	EPA 170.1 Certifications:	07/23/2020 09:01	07/23/2020 14:46	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P Certifications:	09/05/2020 11:05	09/05/2020 11:19	TAJ

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	260	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/23/2020 09:03	07/23/2020 15:27	JAG



Sample Information

Client Sample ID: SB-25 (Comp)

York Sample ID: 20G0776-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.9		%	0.100	1	SM 2540G Certifications: CTDOH	07/22/2020 08:07	07/22/2020 14:34	WJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 16:14	07/23/2020 11:42	TAJ

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 16:01	07/23/2020 11:41	TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 17:01	07/23/2020 10:32	TAJ

Sample Information

Client Sample ID: SB-24 (Comp)

York Sample ID: 20G0776-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:56	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:56	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:56	SS



Sample Information

Client Sample ID: SB-24 (Comp)

York Sample ID: 20G0776-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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Brooklyn Waterfront

Soil

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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:56	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:56	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:56	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:56	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:56	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:56	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:56	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 13:56	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	102 %			77-125						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	93.6 %			76-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	90.9 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	63.0	J	ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH



Sample Information

Client Sample ID: SB-24 (Comp)

York Sample ID: 20G0776-03

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
91-57-6	2-Methylnaphthalene	51.8	J	ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH



Sample Information

Client Sample ID: SB-24 (Comp)

York Sample ID: 20G0776-03

York Project (SDG) No.

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Brooklyn Waterfront

Soil

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
83-32-9	Acenaphthene	982		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
208-96-8	Acenaphthylene	86.8	J	ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
62-53-3	Aniline	ND		ug/kg dry	175	351	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
120-12-7	Anthracene	5780		ug/kg dry	439	876	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/27/2020 11:02	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
92-87-5	Benzidine	ND		ug/kg dry	175	351	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
56-55-3	Benzo(a)anthracene	13500		ug/kg dry	439	876	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/27/2020 11:02	KH
50-32-8	Benzo(a)pyrene	13900		ug/kg dry	439	876	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/27/2020 11:02	KH
205-99-2	Benzo(b)fluoranthene	11700		ug/kg dry	439	876	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/27/2020 11:02	KH
191-24-2	Benzo(g,h,i)perylene	8720		ug/kg dry	439	876	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/27/2020 11:02	KH
207-08-9	Benzo(k)fluoranthene	9460		ug/kg dry	439	876	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/27/2020 11:02	KH
65-85-0	Benzoic acid	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH



Sample Information

Client Sample ID: SB-24 (Comp)

York Sample ID: 20G0776-03

York Project (SDG) No.

Client Project ID

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Date Received

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Brooklyn Waterfront

Soil

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07/21/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
86-74-8	Carbazole	381		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
218-01-9	Chrysene	11000		ug/kg dry	439	876	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/27/2020 11:02	KH
53-70-3	Dibenzo(a,h)anthracene	1860		ug/kg dry	439	876	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/27/2020 11:02	KH
132-64-9	Dibenzofuran	571		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH
206-44-0	Fluoranthene	46600		ug/kg dry	1100	2190	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/27/2020 19:48	KH
86-73-7	Fluorene	1150		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
193-39-5	Indeno(1,2,3-cd)pyrene	10200		ug/kg dry	439	876	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/27/2020 11:02	KH
78-59-1	Isophorone	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
91-20-3	Naphthalene	122		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH



Sample Information

Client Sample ID: SB-24 (Comp)

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Brooklyn Waterfront

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
85-01-8	Phenanthrene	20200		ug/kg dry	439	876	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/27/2020 11:02	KH
108-95-2	Phenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 18:44	KH
129-00-0	Pyrene	40900		ug/kg dry	1100	2190	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/27/2020 19:48	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	60.2 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	60.9 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	72.6 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	59.1 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	50.7 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	69.4 %			24-116						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/24/2020 15:10	07/27/2020 18:02	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 18:02	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 18:02	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 18:02	OW
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 18:02	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 18:02	OW
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/24/2020 15:10	07/27/2020 18:02	OW
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 18:02	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 18:02	OW
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 18:02	OW



Sample Information

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York Sample ID: 20G0776-03

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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 18:02	OW
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 18:02	OW
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 18:02	OW
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	49.6 %			10-90.9						
4165-62-2	Surrogate: SURR: Phenol-d5	35.8 %			10-69.2						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	78.7 %			19.2-141						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	74.2 %			24.8-127						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	144 %			23-163						
1718-51-0	Surrogate: SURR: Terphenyl-d14	119 %	S-08		25.8-110						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	Coronene isomer	2370	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH
NA	Dibenz[a,h]acridine Isomer	823	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH
NA	Dibenzopyrene Isomer (01)	3350	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH
NA	Dibenzopyrene Isomer (02)	2120	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH
NA	Dibenzopyrene Isomer (03)	1580	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH
NA	Dinaphtho furan isomer	1890	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH
NA	Unknown (01)	778	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH
NA	Unknown (02)	1250	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH
NA	Unknown (03)	854	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH
NA	Unknown PAH (01)	800	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH
NA	Unknown PAH (02)	1510	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH
NA	Unknown PAH (03)	1530	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH



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Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	Unknown PAH (04)	3220	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH
NA	Unknown PAH (05)	9060	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH
NA	Unknown PAH (06)	4220	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH
NA	Unknown PAH (07)	974	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH
NA	Unknown PAH (08)	1760	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH
NA	Unknown PAH (09)	2680	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH
NA	Unknown PAH (10)	1720	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH
NA	Unknown PAH (11)	2410	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH
NA	Unknown PAH (12)	2800	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 18:44	KH

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:40	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:40	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:40	CM
309-00-2	Aldrin	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:40	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:40	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/24/2020 06:52	07/27/2020 09:40	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:40	CM
57-74-9	Chlordane, total	ND		ug/kg dry	34.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:40	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:40	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:40	CM



Sample Information

Client Sample ID: SB-24 (Comp)

York Sample ID: 20G0776-03

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:40	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/24/2020 06:52	07/27/2020 09:40	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:40	CM
72-20-8	Endrin	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:40	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:40	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:40	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:40	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/24/2020 06:52	07/27/2020 09:40	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:40	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:40	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.64	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:40	CM
8001-35-2	Toxaphene	ND		ug/kg dry	87.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:40	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	109 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	49.6 %	30-150

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 17:51	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 17:51	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 17:51	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 17:51	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 17:51	CM



Sample Information

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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 17:51	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 17:51	CM
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	122 %	S-GC		30-120						
877-09-8	Surrogate: Tetrachloro-m-xylene	82.1 %			30-120						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:32	BJ	
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:32	BJ	
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:32	BJ	
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:32	BJ	
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:32	BJ	
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:32	BJ	
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:32	BJ	
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:32	BJ	
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:32	BJ	
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	07/24/2020 06:52	07/24/2020 22:32	BJ	
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	73.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	66.5 %			30-140						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-24 (Comp)

York Sample ID: 20G0776-03

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.0	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 14:57	07/24/2020 12:39	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.0	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 14:57	07/24/2020 12:39	BJ
94-75-7	2,4-D	ND		ug/kg dry	21.0	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 14:57	07/24/2020 12:39	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	71.8 %			21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/24/2020 14:55	07/27/2020 14:06	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/24/2020 14:55	07/27/2020 14:06	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	65.0 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	208		mg/kg dry	51.8	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/22/2020 15:05	07/23/2020 15:56	SGM
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	72.5 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	75.3 %			28.7-124					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6140		mg/kg dry	5.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML
7440-36-0	Antimony	ND		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML



Sample Information

Client Sample ID: SB-24 (Comp)

York Sample ID: 20G0776-03

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	5.09		mg/kg dry	1.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML
7440-39-3	Barium	47.3		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.317	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML
7440-70-2	Calcium	32100		mg/kg dry	5.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML
7440-47-3	Chromium	19.1		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML
7440-48-4	Cobalt	6.20		mg/kg dry	0.423	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML
7440-50-8	Copper	31.8		mg/kg dry	2.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML
7439-89-6	Iron	13400		mg/kg dry	26.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML
7439-92-1	Lead	45.1		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML
7439-95-4	Magnesium	12300		mg/kg dry	5.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML
7439-96-5	Manganese	185		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML
7440-02-0	Nickel	17.2		mg/kg dry	1.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML
7440-09-7	Potassium	1400		mg/kg dry	5.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML
7782-49-2	Selenium	ND		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML
7440-22-4	Silver	ND		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML
7440-23-5	Sodium	730		mg/kg dry	52.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML
7440-28-0	Thallium	ND		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML
7440-62-2	Vanadium	20.3		mg/kg dry	1.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML
7440-66-6	Zinc	107		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:31	KML

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-24 (Comp)

York Sample ID: 20G0776-03

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:44	KML
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:44	KML
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:44	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:44	KML
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:44	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:44	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:44	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.213		mg/kg dry	0.0317	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/22/2020 13:53	07/22/2020 14:49	SY

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/23/2020 13:20	07/23/2020 16:18	MAO

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.529	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/22/2020 08:47	07/22/2020 16:41	WJM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	10.3		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	07/23/2020 09:01	07/23/2020 14:46	ZTS



Sample Information

Client Sample ID: SB-24 (Comp)

York Sample ID: 20G0776-03

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Brooklyn Waterfront

Soil

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Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.529	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 08:46	07/22/2020 15:06	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	10.3		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/23/2020 09:01	07/23/2020 15:25	JAG

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/22/2020 15:04	07/22/2020 22:10	ZTS

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/22/2020 15:05	07/22/2020 22:11	ZTS

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	21.6		°C	1.00	1	EPA 170.1 Certifications:	07/23/2020 09:01	07/23/2020 14:46	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P Certifications:	09/05/2020 11:05	09/05/2020 11:19	TAJ

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	200	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/23/2020 09:03	07/23/2020 15:27	JAG



Sample Information

Client Sample ID: SB-24 (Comp)

York Sample ID: 20G0776-03

York Project (SDG) No.

Client Project ID

Matrix

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Brooklyn Waterfront

Soil

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Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.6		%	0.100	1	SM 2540G Certifications: CTDOH	07/22/2020 08:07	07/22/2020 14:34	WJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 16:14	07/23/2020 11:42	TAJ

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 16:01	07/23/2020 11:41	TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 17:01	07/23/2020 10:32	TAJ

Sample Information

Client Sample ID: SB-23 (Comp)

York Sample ID: 20G0776-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 14:22	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 14:22	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 14:22	SS



Sample Information

Client Sample ID: SB-23 (Comp)

York Sample ID: 20G0776-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

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Brooklyn Waterfront

Soil

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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 14:22	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 14:22	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 14:22	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 14:22	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 14:22	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 14:22	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 14:22	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 14:22	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %			77-125						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	92.5 %			76-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	90.8 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	89.2	178	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	89.2	178	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH



Sample Information

Client Sample ID: SB-23 (Comp)

York Sample ID: 20G0776-04

York Project (SDG) No.

Client Project ID

Matrix

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20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	89.2	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	89.2	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.2	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.2	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH



Sample Information

Client Sample ID: SB-23 (Comp)

York Sample ID: 20G0776-04

York Project (SDG) No.

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Brooklyn Waterfront

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.2	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.2	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
83-32-9	Acenaphthene	170		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
208-96-8	Acenaphthylene	59.2	J	ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
98-86-2	Acetophenone	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
62-53-3	Aniline	ND		ug/kg dry	179	357	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
120-12-7	Anthracene	723		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
1912-24-9	Atrazine	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
92-87-5	Benzidine	ND		ug/kg dry	179	357	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
56-55-3	Benzo(a)anthracene	2720		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
50-32-8	Benzo(a)pyrene	3020		ug/kg dry	112	223	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/27/2020 11:33	KH
205-99-2	Benzo(b)fluoranthene	2850		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
191-24-2	Benzo(g,h,i)perylene	1850		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
207-08-9	Benzo(k)fluoranthene	1950		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
65-85-0	Benzoic acid	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH



Sample Information

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York Sample ID: 20G0776-04

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Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		ug/kg dry	89.2	178	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
86-74-8	Carbazole	91.2		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
218-01-9	Chrysene	2420		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
53-70-3	Dibenzo(a,h)anthracene	474		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
132-64-9	Dibenzofuran	105		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	89.2	178	2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 19:15	KH
206-44-0	Fluoranthene	4960		ug/kg dry	112	223	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/27/2020 11:33	KH
86-73-7	Fluorene	158		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
193-39-5	Indeno(1,2,3-cd)pyrene	2370		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
78-59-1	Isophorone	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
91-20-3	Naphthalene	61.3	J	ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH



Sample Information

Client Sample ID: SB-23 (Comp)

York Sample ID: 20G0776-04

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Brooklyn Waterfront

Soil

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
85-01-8	Phenanthrene	1890		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
108-95-2	Phenol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:15	KH
129-00-0	Pyrene	4300		ug/kg dry	112	223	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/27/2020 11:33	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	53.7 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	56.5 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	68.3 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	53.2 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	38.3 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	62.5 %			24-116						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/24/2020 15:10	07/27/2020 13:16	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:16	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:16	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:16	OW
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:16	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:16	OW
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/24/2020 15:10	07/27/2020 13:16	OW
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:16	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:16	OW
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:16	OW



Sample Information

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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:16	OW
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:16	OW
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:16	OW
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	55.0 %			10-90.9						
4165-62-2	Surrogate: SURR: Phenol-d5	41.6 %			10-69.2						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	85.0 %			19.2-141						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	77.8 %			24.8-127						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	128 %			23-163						
1718-51-0	Surrogate: SURR: Terphenyl-d14	96.4 %			25.8-110						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	Unknown PAH (01)	829	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 19:15	KH
NA	Unknown PAH (02)	1500	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 19:15	KH
NA	Unknown PAH (03)	770	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 19:15	KH
NA	Unknown PAH (04)	766	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 19:15	KH
NA	Unknown PAH (05)	723	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 19:15	KH
NA	Unknown PAH (06)	800	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 19:15	KH
NA	Unknown PAH (07)	802	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 19:15	KH
NA	Unknown PAH (08)	1740	J	ug/kg dry			2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 19:15	KH

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:57	CM



Sample Information

Client Sample ID: SB-23 (Comp)

York Sample ID: 20G0776-04

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:57	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:57	CM
309-00-2	Aldrin	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:57	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:57	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/24/2020 06:52	07/27/2020 09:57	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:57	CM
57-74-9	Chlordane, total	ND		ug/kg dry	35.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:57	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:57	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:57	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:57	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/24/2020 06:52	07/27/2020 09:57	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:57	CM
72-20-8	Endrin	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:57	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:57	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:57	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:57	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/24/2020 06:52	07/27/2020 09:57	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:57	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:57	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:57	CM
8001-35-2	Toxaphene	ND		ug/kg dry	90.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 09:57	CM

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: SB-23 (Comp)

York Sample ID: 20G0776-04

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	110 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	57.3 %			30-150					

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 18:08	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 18:08	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 18:08	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 18:08	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 18:08	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 18:08	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 18:08	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	163 %	S-GC	30-120
877-09-8	Surrogate: Tetrachloro-m-xylene	9.87 %	S-GC	30-120

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:46	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:46	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:46	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:46	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:46	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:46	BJ



Sample Information

Client Sample ID: SB-23 (Comp)

York Sample ID: 20G0776-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:46	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:46	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:46	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	07/24/2020 06:52	07/24/2020 22:46	BJ
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	73.5 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	66.0 %			30-140					

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.5	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 14:57	07/24/2020 12:50	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.5	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 14:57	07/24/2020 12:50	BJ
94-75-7	2,4-D	ND		ug/kg dry	21.5	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 14:57	07/24/2020 12:50	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	70.8 %			21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/24/2020 14:55	07/27/2020 14:16	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/24/2020 14:55	07/27/2020 14:16	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	67.0 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615						132-02 89th AVENUE			RICHMOND HILL, NY 11418
www.YORKLAB.com	(203) 325-1371						FAX (203) 357-0166			ClientServices@yorklab.com



Sample Information

Client Sample ID: SB-23 (Comp)

York Sample ID: 20G0776-04

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		115		mg/kg dry	53.8	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/22/2020 15:05	07/23/2020 16:25	SGM
Surrogate Recoveries		Result		Acceptance Range						
3386-33-2	Surrogate: 1-Chlorooctadecane	53.6 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	60.7 %			28.7-124					

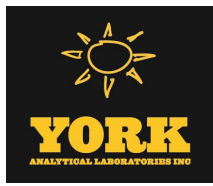
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6230		mg/kg dry	5.49	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML
7440-36-0	Antimony	ND		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML
7440-38-2	Arsenic	6.57		mg/kg dry	1.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML
7440-39-3	Barium	108		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML
7440-43-9	Cadmium	0.414		mg/kg dry	0.329	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML
7440-70-2	Calcium	37000		mg/kg dry	5.49	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML
7440-47-3	Chromium	18.7		mg/kg dry	0.549	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML
7440-48-4	Cobalt	5.76		mg/kg dry	0.439	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML
7440-50-8	Copper	45.8		mg/kg dry	2.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML
7439-89-6	Iron	11000		mg/kg dry	27.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML
7439-92-1	Lead	128		mg/kg dry	0.549	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML
7439-95-4	Magnesium	11800		mg/kg dry	5.49	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML
7439-96-5	Manganese	176		mg/kg dry	0.549	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML
7440-02-0	Nickel	26.5		mg/kg dry	1.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML
7440-09-7	Potassium	1140		mg/kg dry	5.49	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML



Sample Information

Client Sample ID: SB-23 (Comp)

York Sample ID: 20G0776-04

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML
7440-22-4	Silver	ND		mg/kg dry	0.549	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML
7440-23-5	Sodium	1090		mg/kg dry	54.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML
7440-28-0	Thallium	ND		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML
7440-62-2	Vanadium	21.8		mg/kg dry	1.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML
7440-66-6	Zinc	124		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:33	KML

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:46	KML
7440-39-3	Barium	1.03		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:46	KML
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:46	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:46	KML
7439-92-1	Lead	0.647		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:46	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:46	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:46	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.440		mg/kg dry	0.0329	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/22/2020 13:53	07/22/2020 14:58	SY

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-23 (Comp)

York Sample ID: 20G0776-04

York Project (SDG) No.

Client Project ID

Matrix

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Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/23/2020 13:20	07/23/2020 16:53	MAO	
							Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854				

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.549	1	EPA 7196A	07/23/2020 09:00	07/23/2020 15:49	WJM	
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP				

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
	pH	10.3		pH units	0.500	1	EPA 9045D	07/23/2020 09:01	07/23/2020 14:46	ZTS	
							Certifications: NELAC-NY10854,CTDOH,PADEP				

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
57-12-5	Cyanide, total	ND		mg/kg dry	0.549	1	EPA 9014/9010C	07/22/2020 08:46	07/22/2020 15:06	JAG	
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP				

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
	pH	10.3		pH units	0.500	1	EPA 9045D	07/23/2020 09:01	07/23/2020 15:25	JAG	
							Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP				

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	07/22/2020 15:04	07/22/2020 22:10	ZTS	
							Certifications: CTDOH,PADEP				

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	07/22/2020 15:05	07/22/2020 22:11	ZTS	
							Certifications: CTDOH,PADEP				



Sample Information

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Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Temperature		21.6		°C	1.00	1	EPA 170.1 Certifications:	07/23/2020 09:01	07/23/2020 14:46	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Ignitability		Non-Ignit.		None	1	1	EPA 1030P Certifications:	09/05/2020 11:05	09/05/2020 11:19	TAJ

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* ORP (Oxidation-Reduction Potential) (Ag/AgCl)		160	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/23/2020 09:03	07/23/2020 15:27	JAG

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.1		%	0.100	1	SM 2540G Certifications: CTDOH	07/22/2020 08:07	07/22/2020 14:34	WJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 16:14	07/23/2020 11:42	TAJ

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 16:01	07/23/2020 11:41	TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 17:01	07/23/2020 10:32	TAJ



Sample Information

Client Sample ID: SB-22 (Comp)

York Sample ID: 20G0776-05

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/23/2020 09:30	07/23/2020 14:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/23/2020 09:30	07/23/2020 14:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/23/2020 09:30	07/23/2020 14:47	SS
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/23/2020 09:30	07/23/2020 14:47	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/23/2020 09:30	07/23/2020 14:47	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/23/2020 09:30	07/23/2020 14:47	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/23/2020 09:30	07/23/2020 14:47	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/23/2020 09:30	07/23/2020 14:47	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/23/2020 09:30	07/23/2020 14:47	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/23/2020 09:30	07/23/2020 14:47	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/23/2020 09:30	07/23/2020 14:47	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %	77-125
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	92.7 %	76-130
2037-26-5	Surrogate: SURRE: Toluene-d8	90.8 %	85-120

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	96.4	192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH



Sample Information

Client Sample ID: SB-22 (Comp)

York Sample ID: 20G0776-05

York Project (SDG) No.

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20G0776

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Soil

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	96.4	192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	96.4	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	96.4	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	96.4	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	96.4	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH



Sample Information

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	96.4	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	96.4	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
83-32-9	Acenaphthene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
98-86-2	Acetophenone	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
62-53-3	Aniline	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
120-12-7	Anthracene	109		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
1912-24-9	Atrazine	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
92-87-5	Benzidine	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
56-55-3	Benzo(a)anthracene	384		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
50-32-8	Benzo(a)pyrene	358		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
205-99-2	Benzo(b)fluoranthene	267		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
191-24-2	Benzo(g,h,i)perylene	203		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
207-08-9	Benzo(k)fluoranthene	270		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
65-85-0	Benzoic acid	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH



Sample Information

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20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
105-60-2	Caprolactam	ND		ug/kg dry	96.4	192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
86-74-8	Carbazole	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
218-01-9	Chrysene	351		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
53-70-3	Dibenzo(a,h)anthracene	53.9	J	ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	96.4	192	2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 19:46	KH
206-44-0	Fluoranthene	686		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
86-73-7	Fluorene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
193-39-5	Indeno(1,2,3-cd)pyrene	251		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
78-59-1	Isophorone	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH



Sample Information

Client Sample ID: SB-22 (Comp)

York Sample ID: 20G0776-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
85-01-8	Phenanthrene	434		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
108-95-2	Phenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
129-00-0	Pyrene	659		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 19:46	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	63.2 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	69.9 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	78.5 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	58.6 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	76.2 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	67.7 %	24-116								

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/24/2020 15:10	07/27/2020 13:47	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:47	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:47	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:47	OW
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:47	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:47	OW



Sample Information

Client Sample ID: SB-22 (Comp)

York Sample ID: 20G0776-05

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/24/2020 15:10	07/27/2020 13:47	OW
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:47	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:47	OW
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:47	OW
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:47	OW
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:47	OW
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 13:47	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	53.3 %			10-90.9						
4165-62-2	Surrogate: SURRE: Phenol-d5	43.6 %			10-69.2						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	72.6 %			19.2-141						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	64.7 %			24.8-127						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	114 %			23-163						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	85.8 %			25.8-110						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:14	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:14	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:14	CM
309-00-2	Aldrin	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:14	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:14	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/24/2020 06:52	07/27/2020 10:14	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:14	CM



Sample Information

Client Sample ID: SB-22 (Comp)

York Sample ID: 20G0776-05

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/kg dry	38.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:14	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:14	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:14	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:14	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/24/2020 06:52	07/27/2020 10:14	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:14	CM
72-20-8	Endrin	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:14	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:14	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:14	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:14	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/24/2020 06:52	07/27/2020 10:14	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:14	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:14	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.60	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:14	CM
8001-35-2	Toxaphene	ND		ug/kg dry	97.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:14	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	125 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	63.1 %	30-150

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 18:24	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 18:24	CM



Sample Information

Client Sample ID: SB-22 (Comp)

York Sample ID: 20G0776-05

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 18:24	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 18:24	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 18:24	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 18:24	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 18:24	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	103 %	30-120
877-09-8	Surrogate: Tetrachloro-m-xylene	60.9 %	30-120

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:59	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:59	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:59	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:59	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:59	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:59	BJ
11096-82-5	Aroclor 1260	0.0354		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:59	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:59	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 22:59	BJ
1336-36-3	* Total PCBs	0.0354		mg/kg dry	0.0194	1	EPA 8082A Certifications:	07/24/2020 06:52	07/24/2020 22:59	BJ

Surrogate Recoveries

Result

Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	73.5 %	30-140
2051-24-3	Surrogate: Decachlorobiphenyl	73.5 %	30-140



Sample Information

Client Sample ID: SB-22 (Comp)

York Sample ID: 20G0776-05

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	23.4	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 14:57	07/24/2020 13:01	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	23.4	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 14:57	07/24/2020 13:01	BJ
94-75-7	2,4-D	ND		ug/kg dry	23.4	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 14:57	07/24/2020 13:01	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	71.8 %			21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/24/2020 14:55	07/27/2020 14:27	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/24/2020 14:55	07/27/2020 14:27	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	66.6 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	54.6	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/22/2020 15:05	07/23/2020 16:55	SGM
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	58.4 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	56.9 %			28.7-124					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	8900		mg/kg dry	5.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML
7440-36-0	Antimony	ND		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML



Sample Information

Client Sample ID: SB-22 (Comp)

York Sample ID: 20G0776-05

York Project (SDG) No.

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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	8.07		mg/kg dry	1.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML
7440-39-3	Barium	116		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML
7440-43-9	Cadmium	1.46		mg/kg dry	0.354	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML
7440-70-2	Calcium	37500		mg/kg dry	5.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML
7440-47-3	Chromium	23.3		mg/kg dry	0.589	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML
7440-48-4	Cobalt	7.82		mg/kg dry	0.471	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML
7440-50-8	Copper	93.1		mg/kg dry	2.36	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML
7439-89-6	Iron	16000		mg/kg dry	29.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML
7439-92-1	Lead	330		mg/kg dry	0.589	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML
7439-95-4	Magnesium	5350		mg/kg dry	5.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML
7439-96-5	Manganese	296		mg/kg dry	0.589	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML
7440-02-0	Nickel	23.4		mg/kg dry	1.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML
7440-09-7	Potassium	1570		mg/kg dry	5.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML
7782-49-2	Selenium	ND		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML
7440-22-4	Silver	ND		mg/kg dry	0.589	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML
7440-23-5	Sodium	1150		mg/kg dry	58.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML
7440-28-0	Thallium	ND		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML
7440-62-2	Vanadium	28.2		mg/kg dry	1.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML
7440-66-6	Zinc	256		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:36	KML

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-22 (Comp)

York Sample ID: 20G0776-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:49	KML
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:49	KML
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:49	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:49	KML
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:49	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:49	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:49	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.503		mg/kg dry	0.0354	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/22/2020 13:53	07/22/2020 15:07	SY

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/23/2020 13:20	07/23/2020 17:01	MAO

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	0.613		mg/kg dry	0.589	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/23/2020 09:00	07/23/2020 15:49	WJM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.96		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	07/23/2020 09:01	07/23/2020 14:46	ZTS



Sample Information

Client Sample ID: SB-22 (Comp)

York Sample ID: 20G0776-05

York Project (SDG) No.

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Brooklyn Waterfront

Soil

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Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.589	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 08:46	07/22/2020 15:06	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.96		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/23/2020 09:01	07/23/2020 15:25	JAG

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/22/2020 15:04	07/22/2020 22:10	ZTS

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/22/2020 15:05	07/22/2020 22:11	ZTS

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	21.6		°C	1.00	1	EPA 170.1 Certifications:	07/23/2020 09:01	07/23/2020 14:46	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P Certifications:	09/05/2020 11:05	09/05/2020 11:19	TAJ

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	170	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/23/2020 09:03	07/23/2020 15:27	JAG



Sample Information

Client Sample ID: SB-22 (Comp)

York Sample ID: 20G0776-05

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.8		%	0.100	1	SM 2540G Certifications: CTDOH	07/22/2020 08:07	07/22/2020 14:34	WJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 16:14	07/23/2020 11:42	TAJ

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 16:01	07/23/2020 11:41	TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 17:01	07/23/2020 10:32	TAJ

Sample Information

Client Sample ID: SB-20 (Comp)

York Sample ID: 20G0776-06

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 15:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 15:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/23/2020 09:30	07/23/2020 15:12	SS



Sample Information

Client Sample ID: SB-20 (Comp)

York Sample ID: 20G0776-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/23/2020 09:30	07/23/2020 15:12	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/23/2020 09:30	07/23/2020 15:12	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/23/2020 09:30	07/23/2020 15:12	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/23/2020 09:30	07/23/2020 15:12	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/23/2020 09:30	07/23/2020 15:12	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/23/2020 09:30	07/23/2020 15:12	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/23/2020 09:30	07/23/2020 15:12	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/23/2020 09:30	07/23/2020 15:12	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %			77-125						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	92.7 %			76-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	91.6 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	88.0	176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	88.0	176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH



Sample Information

Client Sample ID: SB-20 (Comp)

York Sample ID: 20G0776-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	88.0	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	88.0	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.0	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.0	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH



Sample Information

Client Sample ID: SB-20 (Comp)

York Sample ID: 20G0776-06

York Project (SDG) No.

Client Project ID

Matrix

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20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.0	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.0	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
83-32-9	Acenaphthene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
98-86-2	Acetophenone	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
62-53-3	Aniline	ND		ug/kg dry	176	353	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
120-12-7	Anthracene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
1912-24-9	Atrazine	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
92-87-5	Benzidine	ND		ug/kg dry	176	353	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
56-55-3	Benzo(a)anthracene	73.2	J	ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
50-32-8	Benzo(a)pyrene	78.8	J	ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
205-99-2	Benzo(b)fluoranthene	64.7	J	ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
191-24-2	Benzo(g,h,i)perylene	48.6	J	ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
207-08-9	Benzo(k)fluoranthene	54.2	J	ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
65-85-0	Benzoic acid	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH



Sample Information

Client Sample ID: SB-20 (Comp)

York Sample ID: 20G0776-06

York Project (SDG) No.

Client Project ID

Matrix

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20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		ug/kg dry	88.0	176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
86-74-8	Carbazole	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
218-01-9	Chrysene	58.4	J	ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	88.0	176	2	EPA 8270D Certifications:	07/24/2020 06:59	07/24/2020 20:17	KH
206-44-0	Fluoranthene	130		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
86-73-7	Fluorene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
193-39-5	Indeno(1,2,3-cd)pyrene	56.3	J	ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
78-59-1	Isophorone	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
91-20-3	Naphthalene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH



Sample Information

Client Sample ID: SB-20 (Comp)

York Sample ID: 20G0776-06

York Project (SDG) No.

Client Project ID

Matrix

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Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
85-01-8	Phenanthrene	53.5	J	ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
108-95-2	Phenol	ND		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
129-00-0	Pyrene	118		ug/kg dry	44.1	88.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:59	07/24/2020 20:17	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	65.5 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	65.1 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	75.9 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	61.0 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	84.6 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	71.8 %			24-116						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/24/2020 15:10	07/27/2020 14:18	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 14:18	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 14:18	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 14:18	OW
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 14:18	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 14:18	OW
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/24/2020 15:10	07/27/2020 14:18	OW
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 14:18	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 14:18	OW
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 14:18	OW



Sample Information

Client Sample ID: SB-20 (Comp)

York Sample ID: 20G0776-06

York Project (SDG) No.

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20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 14:18	OW
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 14:18	OW
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 15:10	07/27/2020 14:18	OW
	Surrogate Recoveries	Result				Acceptance Range					
367-12-4	Surrogate: SURR: 2-Fluorophenol	44.5 %				10-90.9					
4165-62-2	Surrogate: SURR: Phenol-d5	34.2 %				10-69.2					
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	66.9 %				19.2-141					
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	58.9 %				24.8-127					
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	97.0 %				23-163					
1718-51-0	Surrogate: SURR: Terphenyl-d14	72.7 %				25.8-110					

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:30	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:30	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:30	CM
309-00-2	Aldrin	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:30	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:30	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/24/2020 06:52	07/27/2020 10:30	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:30	CM
57-74-9	Chlordane, total	ND		ug/kg dry	35.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:30	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:30	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:30	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:30	CM



Sample Information

Client Sample ID: SB-20 (Comp)

York Sample ID: 20G0776-06

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/24/2020 06:52	07/27/2020 10:30	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:30	CM
72-20-8	Endrin	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:30	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:30	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:30	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:30	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/24/2020 06:52	07/27/2020 10:30	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:30	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:30	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:30	CM
8001-35-2	Toxaphene	ND		ug/kg dry	89.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/27/2020 10:30	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	124 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	59.9 %	30-150

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 18:41	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 18:41	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 18:41	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 18:41	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 18:41	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 18:41	CM



Sample Information

Client Sample ID: SB-20 (Comp)

York Sample ID: 20G0776-06

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 16:16	07/24/2020 18:41	CM
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	130 %	S-GC		30-120						
877-09-8	Surrogate: Tetrachloro-m-xylene	69.8 %			30-120						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 23:13	BJ	
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 23:13	BJ	
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 23:13	BJ	
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 23:13	BJ	
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 23:13	BJ	
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 23:13	BJ	
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 23:13	BJ	
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 23:13	BJ	
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/24/2020 06:52	07/24/2020 23:13	BJ	
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	07/24/2020 06:52	07/24/2020 23:13	BJ	
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	68.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	60.5 %			30-140						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.5	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 14:57	07/24/2020 13:11	BJ



Sample Information

Client Sample ID: SB-20 (Comp)

York Sample ID: 20G0776-06

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.5	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 14:57	07/24/2020 13:11	BJ
94-75-7	2,4-D	ND		ug/kg dry	21.5	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/23/2020 14:57	07/24/2020 13:11	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	76.2 %			21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/24/2020 14:55	07/27/2020 14:38	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/24/2020 14:55	07/27/2020 14:38	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	62.6 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	52.8	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/22/2020 15:05	07/23/2020 17:24	SGM
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	65.4 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	63.1 %			28.7-124					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	10500		mg/kg dry	5.44	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML
7440-36-0	Antimony	ND		mg/kg dry	2.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML
7440-38-2	Arsenic	5.83		mg/kg dry	1.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML
7440-39-3	Barium	94.6		mg/kg dry	2.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML



Sample Information

Client Sample ID: SB-20 (Comp)

York Sample ID: 20G0776-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.054	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.326	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML
7440-70-2	Calcium	9530		mg/kg dry	5.44	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML
7440-47-3	Chromium	25.1		mg/kg dry	0.544	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML
7440-48-4	Cobalt	9.89		mg/kg dry	0.435	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML
7440-50-8	Copper	42.9		mg/kg dry	2.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML
7439-89-6	Iron	16000		mg/kg dry	27.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML
7439-92-1	Lead	67.1		mg/kg dry	0.544	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML
7439-95-4	Magnesium	7030		mg/kg dry	5.44	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML
7439-96-5	Manganese	325		mg/kg dry	0.544	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML
7440-02-0	Nickel	44.6		mg/kg dry	1.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML
7440-09-7	Potassium	2510		mg/kg dry	5.44	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML
7782-49-2	Selenium	ND		mg/kg dry	2.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML
7440-22-4	Silver	ND		mg/kg dry	0.544	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML
7440-23-5	Sodium	1170		mg/kg dry	54.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML
7440-28-0	Thallium	ND		mg/kg dry	2.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML
7440-62-2	Vanadium	36.1		mg/kg dry	1.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML
7440-66-6	Zinc	320		mg/kg dry	2.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/22/2020 07:52	07/22/2020 14:38	KML

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:58	KML
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:58	KML



Sample Information

Client Sample ID: SB-20 (Comp)

York Sample ID: 20G0776-06

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:58	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:58	KML
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:58	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:58	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 10:57	07/24/2020 13:58	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.144		mg/kg dry	0.0326	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/22/2020 13:53	07/22/2020 15:16	SY

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/23/2020 13:20	07/23/2020 17:11	MAO

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.544	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/23/2020 09:00	07/23/2020 15:49	WJM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	10.5		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	07/23/2020 09:01	07/23/2020 15:25	JAG

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-20 (Comp)

York Sample ID: 20G0776-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.544	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 08:46	07/22/2020 15:06	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	10.5		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/23/2020 09:01	07/23/2020 15:25	JAG

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/22/2020 15:04	07/22/2020 22:10	ZTS

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/22/2020 15:05	07/22/2020 22:11	ZTS

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	21.6		°C	1.00	1	EPA 170.1 Certifications:	07/23/2020 09:01	07/23/2020 15:25	JAG

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P Certifications:	09/05/2020 11:05	09/05/2020 11:19	TAJ

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	160	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/23/2020 09:03	07/23/2020 15:27	JAG



Sample Information

Client Sample ID: SB-20 (Comp)

York Sample ID: 20G0776-06

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.0		%	0.100	1	SM 2540G Certifications: CTDOH	07/22/2020 08:07	07/22/2020 14:34	WJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 16:14	07/23/2020 11:42	TAJ

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 16:01	07/23/2020 11:41	TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/22/2020 17:01	07/23/2020 10:32	TAJ

Sample Information

Client Sample ID: SB-26 (g)

York Sample ID: 20G0776-07

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS



Sample Information

Client Sample ID: SB-26 (g)

York Sample ID: 20G0776-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 15:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/22/2020 09:30	07/22/2020 15:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 15:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 15:43	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
67-64-1	Acetone	90		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS



Sample Information

Client Sample ID: SB-26 (g)

York Sample ID: 20G0776-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 15:43	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
75-15-0	Carbon disulfide	6.3	B	ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 15:43	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 15:43	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 15:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 15:43	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 15:43	SS



Sample Information

Client Sample ID: SB-26 (g)

York Sample ID: 20G0776-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 15:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 15:43	SS
75-09-2	Methylene chloride	98		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/22/2020 09:30	07/22/2020 15:43	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/22/2020 09:30	07/22/2020 15:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
100-42-5	Styrene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	25	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 15:43	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
108-88-3	Toluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH	07/22/2020 09:30	07/22/2020 15:43	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS



Sample Information

Client Sample ID: SB-26 (g)

York Sample ID: 20G0776-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 15:43	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	106 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.4 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 15:43	SS

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.1		%	0.100	1	SM 2540G Certifications: CTDOH	07/22/2020 08:07	07/22/2020 14:34	WJM

Sample Information

Client Sample ID: SB-25 (g)

York Sample ID: 20G0776-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS



Sample Information

Client Sample ID: SB-25 (g)

York Sample ID: 20G0776-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:10	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/22/2020 09:30	07/22/2020 16:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:10	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	91	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:10	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS



Sample Information

Client Sample ID: SB-25 (g)

York Sample ID: 20G0776-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	60		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
107-02-8	Acrolein	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:10	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
75-15-0	Carbon disulfide	5.3	B	ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:10	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:10	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:10	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:10	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:10	SS



Sample Information

Client Sample ID: SB-25 (g)

York Sample ID: 20G0776-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:10	SS
75-09-2	Methylene chloride	80		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/22/2020 09:30	07/22/2020 16:10	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/22/2020 09:30	07/22/2020 16:10	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	23	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:10	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH	07/22/2020 09:30	07/22/2020 16:10	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS



Sample Information

Client Sample ID: SB-25 (g) **York Sample ID:** 20G0776-08
York Project (SDG) No.: 20G0776 **Client Project ID:** Brooklyn Waterfront
Matrix: Soil **Collection Date/Time:** July 21, 2020 12:00 am
Date Received: 07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:10	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.6 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	96.0 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.0 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 16:10	SS

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.2		%	0.100	1	SM 2540G Certifications: CTDOH	07/22/2020 08:07	07/22/2020 14:34	WJM

Sample Information

Client Sample ID: SB-24 (g) **York Sample ID:** 20G0776-09
York Project (SDG) No.: 20G0776 **Client Project ID:** Brooklyn Waterfront
Matrix: Soil **Collection Date/Time:** July 21, 2020 12:00 am
Date Received: 07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS



Sample Information

Client Sample ID: SB-24 (g)

York Sample ID: 20G0776-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/22/2020 09:30	07/22/2020 16:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	66	130	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:36	SS
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
591-78-6	2-Hexanone	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS



Sample Information

Client Sample ID: SB-24 (g)

York Sample ID: 20G0776-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	110		ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
107-02-8	Acrolein	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
71-43-2	Benzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:36	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
75-25-2	Bromoform	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
75-15-0	Carbon disulfide	7.6	B	ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
110-82-7	Cyclohexane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:36	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:36	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:36	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:36	SS



Sample Information

Client Sample ID: SB-24 (g)

York Sample ID: 20G0776-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
79-20-9	Methyl acetate	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:36	SS
75-09-2	Methylene chloride	140		ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/22/2020 09:30	07/22/2020 16:36	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/22/2020 09:30	07/22/2020 16:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
100-42-5	Styrene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.3	33	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 16:36	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
108-88-3	Toluene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH	07/22/2020 09:30	07/22/2020 16:36	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS



Sample Information

Client Sample ID: SB-24 (g)					York Sample ID: 20G0776-09
<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020	

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.9	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 16:36	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	93.4 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	96.4 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.5 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 16:36	SS

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.2		%	0.100	1	SM 2540G Certifications: CTDOH	07/22/2020 08:07	07/22/2020 14:34	WJM

Sample Information

Client Sample ID: SB-23 (g)					York Sample ID: 20G0776-10
<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020	

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS



Sample Information

Client Sample ID: SB-23 (g)

York Sample ID: 20G0776-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/22/2020 09:30	07/22/2020 17:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:03	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS



Sample Information

Client Sample ID: SB-23 (g)

York Sample ID: 20G0776-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	84		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
107-02-8	Acrolein	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
71-43-2	Benzene	6.0		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:03	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
75-15-0	Carbon disulfide	8.1	B	ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:03	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:03	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:03	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:03	SS



Sample Information

Client Sample ID: SB-23 (g)

York Sample ID: 20G0776-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:03	SS
75-09-2	Methylene chloride	74		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/22/2020 09:30	07/22/2020 17:03	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/22/2020 09:30	07/22/2020 17:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
100-42-5	Styrene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	28	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:03	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH	07/22/2020 09:30	07/22/2020 17:03	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS



Sample Information

Client Sample ID: SB-23 (g)

York Sample ID: 20G0776-10

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:03	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.5 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	101 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	109 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 17:03	SS

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.3		%	0.100	1	SM 2540G Certifications: CTDOH	07/22/2020 08:07	07/22/2020 14:34	WJM

Sample Information

Client Sample ID: SB-22 (g)

York Sample ID: 20G0776-11

<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS



Sample Information

Client Sample ID: SB-22 (g)

York Sample ID: 20G0776-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/22/2020 09:30	07/22/2020 17:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	39	79	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:30	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS



Sample Information

Client Sample ID: SB-22 (g)

York Sample ID: 20G0776-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	60		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
107-02-8	Acrolein	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
71-43-2	Benzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:30	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
75-25-2	Bromoform	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
75-15-0	Carbon disulfide	4.5	B	ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
67-66-3	Chloroform	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:30	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:30	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:30	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:30	SS



Sample Information

Client Sample ID: SB-22 (g)

York Sample ID: 20G0776-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:30	SS
75-09-2	Methylene chloride	58		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/22/2020 09:30	07/22/2020 17:30	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/22/2020 09:30	07/22/2020 17:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
100-42-5	Styrene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
75-65-0	tert-Butyl alcohol (TBA)	7.0	J	ug/kg dry	2.0	20	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:30	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
108-88-3	Toluene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH	07/22/2020 09:30	07/22/2020 17:30	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS



Sample Information

Client Sample ID: SB-22 (g)					York Sample ID: 20G0776-11
<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020	

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:30	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	101 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	103 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	112 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	07/22/2020 09:30	07/22/2020 17:30	SS

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.8		%	0.100	1	SM 2540G Certifications: CTDOH	07/22/2020 08:07	07/22/2020 14:34	WJM

Sample Information

Client Sample ID: SB-20 (g)					York Sample ID: 20G0776-12
<u>York Project (SDG) No.</u> 20G0776	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 21, 2020 12:00 am	<u>Date Received</u> 07/21/2020	

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS



Sample Information

Client Sample ID: SB-20 (g)

York Sample ID: 20G0776-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:56	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/22/2020 09:30	07/22/2020 17:56	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:56	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	93	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:56	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
67-64-1	Acetone	68		ug/kg dry	4.7	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS



Sample Information

Client Sample ID: SB-20 (g)

York Sample ID: 20G0776-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	4.7	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:56	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
75-15-0	Carbon disulfide	5.4	B	ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:56	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:56	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:56	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:56	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:56	SS



Sample Information

Client Sample ID: SB-20 (g)

York Sample ID: 20G0776-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:56	SS
75-09-2	Methylene chloride	53		ug/kg dry	4.7	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/22/2020 09:30	07/22/2020 17:56	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/22/2020 09:30	07/22/2020 17:56	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
75-65-0	tert-Butyl alcohol (TBA)	7.6	J	ug/kg dry	2.3	23	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/22/2020 09:30	07/22/2020 17:56	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH	07/22/2020 09:30	07/22/2020 17:56	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/22/2020 09:30	07/22/2020 17:56	SS



Sample Information

Client Sample ID: SB-20 (g)

York Sample ID: 20G0776-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0776

Brooklyn Waterfront

Soil

July 21, 2020 12:00 am

07/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.0	14	1	EPA 8260C	07/22/2020 09:30	07/22/2020 17:56	SS
Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ											
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	102 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	101 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	97.9 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	07/22/2020 09:30	07/22/2020 17:56	SS
Certifications:											

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.1		%	0.100	1	SM 2540G	07/22/2020 08:07	07/22/2020 14:34	WJM
Certifications: CTDOH										



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20G0776-01	SB-26 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0776-02	SB-25 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0776-03	SB-24 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0776-04	SB-23 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0776-05	SB-22 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0776-06	SB-20 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0776-07	SB-26 (g)	40mL Vial with Stir Bar-Cool 4° C
20G0776-08	SB-25 (g)	40mL Vial with Stir Bar-Cool 4° C
20G0776-09	SB-24 (g)	40mL Vial with Stir Bar-Cool 4° C
20G0776-10	SB-23 (g)	40mL Vial with Stir Bar-Cool 4° C
20G0776-11	SB-22 (g)	40mL Vial with Stir Bar-Cool 4° C
20G0776-12	SB-20 (g)	40mL Vial with Stir Bar-Cool 4° C

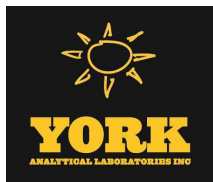


Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
M-CRL	The RL check for this element recovered outside of control limits.
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IGN-01	Non-Ignit.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-COMP	Completed
CCV-L	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased low.
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis



- Low Bias** Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
- High Bias** High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
- Non-Dir.** Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to include additional analyses.



York Analytical Laboratories, Inc.
 120 Research Drive 132-02 89th Ave
 Stratford, CT 06615 Queens, NY 11418
 clientservices@yorklab.com
 www.yorklab.com



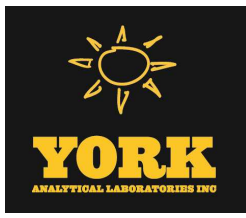
Field Chain-of-Custody Record

YORK Project No.
 20G0776

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

Page 1 of 1

YOUR INFORMATION		Report To:		Invoice To:		YOUR PROJECT NUMBER		Turn-Around Time	
Company: <u>Ecoterra Consulting</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	RUSH - Next Day	
Address: <u>2000 Avenue A, Piscataway, NJ</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	RUSH - Two Day	
Phone: <u>732-624-9999</u>	Phone: <u>Same</u>	Phone: <u>Same</u>	Phone: <u>Same</u>	Phone: <u>Same</u>	Phone: <u>Same</u>	Phone: <u>Same</u>	Phone: <u>Same</u>	RUSH - Three Day	
Contact: <u>H. Patel</u>	Contact: <u>Same</u>	Contact: <u>Same</u>	Contact: <u>Same</u>	Contact: <u>Same</u>	Contact: <u>Same</u>	Contact: <u>Same</u>	Contact: <u>Same</u>	RUSH - Four Day	
E-mail: <u>h.patel@ecoterraconsulting.com</u>	E-mail: <u>Same</u>	E-mail: <u>Same</u>	E-mail: <u>Same</u>	E-mail: <u>Same</u>	E-mail: <u>Same</u>	E-mail: <u>Same</u>	E-mail: <u>Same</u>	Standard (5-7 Day)	<input checked="" type="checkbox"/>
YOUR PROJECT NAME		YOUR PO#:		YOUR PROJECT NUMBER		YOUR PROJECT NUMBER		YOUR PROJECT NUMBER	
<u>Brooklyn Waterfront</u>									
Samples Collected by: <u>Shah</u> (print your name above and sign below)		Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
<p>S - soil / solid</p> <p>GW - groundwater</p> <p>DW - drinking water</p> <p>WW - wastewater</p> <p>O - Oil / Other</p>		<p>New York <input checked="" type="checkbox"/></p> <p>New Jersey</p> <p>Connecticut</p> <p>Pennsylvania</p> <p>Other</p>		<p>Summary Report</p> <p>QA Report</p> <p>NY ASP A Package</p> <p>NY ASP B Package</p> <p>Other:</p>		<p>Standard Excel EDD</p> <p>EquiS (Standard)</p> <p>NYSDEC EQUiS</p> <p>NUDEP SRP HazSite</p> <p>Other:</p>		<p>Compared to the following Regulation(s): (please fill in)</p>	
<p>Sample Identification</p> <p>SB-26 (comp)</p> <p>SB-25 (comp)</p> <p>SB-24 (comp)</p> <p>SB-23 (comp)</p> <p>SB-22 (comp)</p> <p>SB-20 (comp)</p> <p>SB-26 (g)</p> <p>SB-25 (g), SB-24 (g)</p> <p>SB-22 (g), SB-20 (g)</p>		<p>Sample Matrix</p> <p>S</p> <p>S</p> <p>S</p>		<p>Date/Time Sampled</p> <p>7/21/20</p>		<p>Analysis Requested</p> <p>PAH/TC+30 EPK, PCB, Pest. Herb., Fuel Metals, HexA Metals, Hex. chrome, Full TCP</p> <p>NO_x</p>		<p>Container Description</p> <p>2-808 jar</p> <p>1-501 bottle</p>	
<p>Comments:</p> <p>Relinquished by / Company: <u>Ecoterra</u> Date/Time: <u>7-21-20 1400</u></p> <p>Received by / Company: <u>York</u> Date/Time: <u>7/21/20 5pm</u></p> <p>Relinquished by / Company: <u>York</u> Date/Time: <u>7/21/20 5pm</u></p>		<p>Samples Relinquished by / Company: <u>Ecoterra</u> Date/Time: <u>7-21-20 1400</u></p> <p>Samples Relinquished by / Company: <u>York</u> Date/Time: <u>7/21/20 1810</u></p> <p>Samples Relinquished by / Company: <u>York</u> Date/Time: <u>7/21/20 1810</u></p>		<p>Preservation: (check all that apply)</p> <p>HCl ___ MeOH ___ HNO₃ ___ H₂SO₄ ___ NaOH ___ ZnAc ___</p> <p>Ascorbic Acid ___ Other: ___</p>		<p>Field Filtered ___</p> <p>Lab to Filter ___</p> <p>Date/Time: <u>7-21-20 1708</u></p> <p>Date/Time: <u>7/21/20 1810</u></p>		<p>Temp. Received at Lab: <u>3.4</u> Degrees C</p>	



Technical Report

prepared for:

EcoTerra Consulting LLC

10 Willow Drive

Edison NJ, 08820

Attention: Hetansh Patel

Report Date: 09/11/2020

Client Project ID: Brooklyn Waterfront

York Project (SDG) No.: 20G0886

Revision No. 1.0

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 09/11/2020
Client Project ID: Brooklyn Waterfront
York Project (SDG) No.: 20G0886

EcoTerra Consulting LLC
10 Willow Drive
Edison NJ, 08820
Attention: Hetansh Patel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 23, 2020 with a temperature of 4.7 C. The project was identified as your project: **Brooklyn Waterfront**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
20G0886-01	SB-15 (Comp)	Soil	07/23/2020	07/23/2020
20G0886-02	SB-16 (Comp)	Soil	07/23/2020	07/23/2020
20G0886-03	SB-17 (Comp)	Soil	07/23/2020	07/23/2020
20G0886-04	SB-18 (Comp)	Soil	07/23/2020	07/23/2020
20G0886-05	SB-19 (Comp)	Soil	07/23/2020	07/23/2020
20G0886-06	SB-21 (Comp)	Soil	07/23/2020	07/23/2020
20G0886-07	SB-15 (g)	Soil	07/23/2020	07/23/2020
20G0886-08	SB-16 (g)	Soil	07/23/2020	07/23/2020
20G0886-09	SB-17 (g)	Soil	07/23/2020	07/23/2020
20G0886-10	SB-18 (g)	Soil	07/23/2020	07/23/2020
20G0886-11	SB-19 (g)	Soil	07/23/2020	07/23/2020
20G0886-12	SB-21 (g)	Soil	07/23/2020	07/23/2020

General Notes for York Project (SDG) No.: 20G0886

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 09/11/2020





Sample Information

Client Sample ID: SB-15 (Comp)

York Sample ID: 20G0886-01

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 12:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 12:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 12:47	SS
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 12:47	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 12:47	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 12:47	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 12:47	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 12:47	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 12:47	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 12:47	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 12:47	SS

Surrogate Recoveries

	Surrogate	Result	Acceptance Range
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %	77-125
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.1 %	76-130
2037-26-5	Surrogate: SURR: Toluene-d8	98.4 %	85-120

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	134	268	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW



Sample Information

Client Sample ID: SB-15 (Comp)

York Sample ID: 20G0886-01

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	134	268	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	134	268	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	134	268	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	134	268	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	134	268	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW



Sample Information

Client Sample ID: SB-15 (Comp)

York Sample ID: 20G0886-01

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	134	268	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	134	268	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
83-32-9	Acenaphthene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
98-86-2	Acetophenone	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
62-53-3	Aniline	ND		ug/kg dry	269	538	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
120-12-7	Anthracene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
1912-24-9	Atrazine	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	269	538	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
65-85-0	Benzoic acid	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW



Sample Information

Client Sample ID: SB-15 (Comp)

York Sample ID: 20G0886-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
105-60-2	Caprolactam	ND		ug/kg dry	134	268	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
86-74-8	Carbazole	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
218-01-9	Chrysene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
122-39-4	* Diphenylamine	ND		ug/kg dry	134	268	2	EPA 8270D Certifications:	07/28/2020 05:59	07/28/2020 22:50	OW
206-44-0	Fluoranthene	67.6	J	ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
86-73-7	Fluorene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW



Sample Information

Client Sample ID: SB-15 (Comp)

York Sample ID: 20G0886-01

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
78-59-1	Isophorone	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
91-20-3	Naphthalene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
85-01-8	Phenanthrene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
108-95-2	Phenol	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW
129-00-0	Pyrene	ND		ug/kg dry	67.3	134	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURR: 2-Fluorophenol	58.6 %	20-108
4165-62-2	Surrogate: SURR: Phenol-d5	56.5 %	23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	73.9 %	22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	51.0 %	21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	72.3 %	19-110
1718-51-0	Surrogate: SURR: Terphenyl-d14	68.2 %	24-116

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/28/2020 15:08	07/29/2020 11:09	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:09	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:09	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:09	OW



Sample Information

Client Sample ID: SB-15 (Comp)

York Sample ID: 20G0886-01

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:09	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:09	OW
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/28/2020 15:08	07/29/2020 11:09	OW
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:09	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:09	OW
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:09	OW
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:09	OW
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:09	OW
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:09	OW

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURRE: 2-Fluorophenol	56.7 %	10-90.9
4165-62-2	Surrogate: SURRE: Phenol-d5	42.5 %	10-69.2
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	89.0 %	19.2-141
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	80.5 %	24.8-127
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	136 %	23-163
1718-51-0	Surrogate: SURRE: Terphenyl-d14	110 %	25.8-110

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 22:50	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:31	CM



Sample Information

Client Sample ID: SB-15 (Comp)

York Sample ID: 20G0886-01

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:31	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:31	CM
309-00-2	Aldrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:31	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:31	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/29/2020 05:53	07/30/2020 11:31	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:31	CM
57-74-9	Chlordane, total	ND		ug/kg dry	36.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:31	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:31	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:31	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:31	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/29/2020 05:53	07/30/2020 11:31	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:31	CM
72-20-8	Endrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:31	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:31	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:31	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:31	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/29/2020 05:53	07/30/2020 11:31	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:31	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:31	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:31	CM
8001-35-2	Toxaphene	ND		ug/kg dry	91.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:31	CM

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: SB-15 (Comp)

York Sample ID: 20G0886-01

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	114 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	107 %			30-150					

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 21:44	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 21:44	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 21:44	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 21:44	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 21:44	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 21:44	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 21:44	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	140 %	S-GC	30-120
877-09-8	Surrogate: Tetrachloro-m-xylene	83.4 %		30-120

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:53	07/29/2020 23:53	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:53	07/29/2020 23:53	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:53	07/29/2020 23:53	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:53	07/29/2020 23:53	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:53	07/29/2020 23:53	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:53	07/29/2020 23:53	BJ



Sample Information

Client Sample ID: SB-15 (Comp)

York Sample ID: 20G0886-01

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:53	07/29/2020 23:53	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/29/2020 23:53	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/29/2020 23:53	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	07/29/2020 05:53	07/29/2020 23:53	BJ
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	67.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	72.5 %			30-140					

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.9	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 15:24	07/28/2020 18:56	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.9	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 15:24	07/28/2020 18:56	BJ
94-75-7	2,4-D	ND		ug/kg dry	21.9	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 15:24	07/28/2020 18:56	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	77.0 %			21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 08:40	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 08:40	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	59.6 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615						132-02 89th AVENUE			RICHMOND HILL, NY 11418
www.YORKLAB.com	(203) 325-1371						FAX (203) 357-0166			ClientServices@yorklab.com



Sample Information

Client Sample ID: SB-15 (Comp)

York Sample ID: 20G0886-01

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	51.4	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/27/2020 05:58	07/27/2020 20:58	SGM
	Surrogate Recoveries	Result		Acceptance Range						
3386-33-2	Surrogate: 1-Chlorooctadecane	43.8 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	45.9 %			28.7-124					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	10400		mg/kg dry	5.50	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML
7440-36-0	Antimony	ND		mg/kg dry	2.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML
7440-38-2	Arsenic	2.72		mg/kg dry	1.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML
7440-39-3	Barium	60.5		mg/kg dry	2.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.330	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML
7440-70-2	Calcium	5590		mg/kg dry	5.50	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML
7440-47-3	Chromium	20.2		mg/kg dry	0.550	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML
7440-48-4	Cobalt	9.04		mg/kg dry	0.440	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML
7440-50-8	Copper	27.5		mg/kg dry	2.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML
7439-89-6	Iron	15800		mg/kg dry	27.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML
7439-92-1	Lead	58.2		mg/kg dry	0.550	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML
7439-95-4	Magnesium	3650		mg/kg dry	5.50	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML
7439-96-5	Manganese	329		mg/kg dry	0.550	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML
7440-02-0	Nickel	25.6		mg/kg dry	1.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML
7440-09-7	Potassium	1520		mg/kg dry	5.50	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML



Sample Information

Client Sample ID: SB-15 (Comp)

York Sample ID: 20G0886-01

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	2.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML
7440-22-4	Silver	ND		mg/kg dry	0.550	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML
7440-23-5	Sodium	666		mg/kg dry	55.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML
7440-28-0	Thallium	ND		mg/kg dry	2.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML
7440-62-2	Vanadium	28.8		mg/kg dry	1.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML
7440-66-6	Zinc	79.7	B	mg/kg dry	2.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:45	KML

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 15:56	KML
7440-39-3	Barium	0.769		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 15:56	KML
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 15:56	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 15:56	KML
7439-92-1	Lead	1.07		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 15:56	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 15:56	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 15:56	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.148		mg/kg dry	0.0330	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/24/2020 09:05	07/24/2020 11:35	SY

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-15 (Comp)

York Sample ID: 20G0886-01

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/28/2020 14:51	07/28/2020 21:30	MAO

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.550	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/27/2020 13:59	07/27/2020 19:38	MAO

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.53		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	07/24/2020 08:56	07/24/2020 14:51	ZTS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.550	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 08:52	07/24/2020 12:00	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.53		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/24/2020 08:56	07/24/2020 13:23	JAG

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/24/2020 12:01	07/24/2020 22:38	MAO

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/24/2020 12:02	07/24/2020 22:37	MAO



Sample Information

Client Sample ID: SB-15 (Comp)

York Sample ID: 20G0886-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Temperature		22.6		°C	1.00	1	EPA 170.1 Certifications:	07/24/2020 08:56	07/24/2020 14:51	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Ignitability		Non-Ignit.		None	1	1	EPA 1030P Certifications:	09/05/2020 11:05	09/05/2020 11:19	TAJ

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* ORP (Oxidation-Reduction Potential) (Ag/AgCl)		280	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/24/2020 08:55	07/24/2020 13:28	JAG

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.9		%	0.100	1	SM 2540G Certifications: CTDOH	07/24/2020 08:06	07/24/2020 13:05	WJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/27/2020 15:27	07/28/2020 12:51	TAJ

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/27/2020 15:21	07/28/2020 12:47	TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	ND		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/27/2020 15:53	07/28/2020 11:32	TAJ



Sample Information

Client Sample ID: SB-16 (Comp)

York Sample ID: 20G0886-02

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/28/2020 09:30	07/28/2020 13:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/28/2020 09:30	07/28/2020 13:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/28/2020 09:30	07/28/2020 13:12	SS
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/28/2020 09:30	07/28/2020 13:12	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/28/2020 09:30	07/28/2020 13:12	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/28/2020 09:30	07/28/2020 13:12	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/28/2020 09:30	07/28/2020 13:12	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/28/2020 09:30	07/28/2020 13:12	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/28/2020 09:30	07/28/2020 13:12	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/28/2020 09:30	07/28/2020 13:12	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/28/2020 09:30	07/28/2020 13:12	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %	77-125
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	95.0 %	76-130
2037-26-5	Surrogate: SURRE: Toluene-d8	98.9 %	85-120

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	144	288	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW



Sample Information

Client Sample ID: SB-16 (Comp)

York Sample ID: 20G0886-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	144	288	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	144	288	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	144	288	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	144	288	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	144	288	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW



Sample Information

Client Sample ID: SB-16 (Comp)

York Sample ID: 20G0886-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	144	288	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	144	288	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
83-32-9	Acenaphthene	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
98-86-2	Acetophenone	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
62-53-3	Aniline	ND		ug/kg dry	288	577	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
120-12-7	Anthracene	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
1912-24-9	Atrazine	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	288	577	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
56-55-3	Benzo(a)anthracene	174		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
50-32-8	Benzo(a)pyrene	168		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
205-99-2	Benzo(b)fluoranthene	149		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
191-24-2	Benzo(g,h,i)perylene	113	J	ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
207-08-9	Benzo(k)fluoranthene	136	J	ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
65-85-0	Benzoic acid	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW



Sample Information

Client Sample ID: SB-16 (Comp)

York Sample ID: 20G0886-02

York Project (SDG) No.

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20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
105-60-2	Caprolactam	ND		ug/kg dry	144	288	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
86-74-8	Carbazole	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
218-01-9	Chrysene	203		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
122-39-4	* Diphenylamine	ND		ug/kg dry	144	288	2	EPA 8270D Certifications:	07/28/2020 05:59	07/28/2020 23:21	OW
206-44-0	Fluoranthene	453		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
86-73-7	Fluorene	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
193-39-5	Indeno(1,2,3-cd)pyrene	95.6	J	ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
78-59-1	Isophorone	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW



Sample Information

Client Sample ID: SB-16 (Comp)

York Sample ID: 20G0886-02

York Project (SDG) No.

Client Project ID

Matrix

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20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
85-01-8	Phenanthrene	348		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
108-95-2	Phenol	ND		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
129-00-0	Pyrene	409		ug/kg dry	72.2	144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:21	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	62.5 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	61.2 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	77.4 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	55.0 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	76.6 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	74.0 %	24-116								

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/28/2020 15:08	07/29/2020 11:40	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:40	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:40	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:40	OW
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:40	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:40	OW



Sample Information

Client Sample ID: SB-16 (Comp)

York Sample ID: 20G0886-02

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/28/2020 15:08	07/29/2020 11:40	OW
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:40	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:40	OW
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:40	OW
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:40	OW
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:40	OW
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 11:40	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	57.1 %			10-90.9						
4165-62-2	Surrogate: SURRE: Phenol-d5	41.7 %			10-69.2						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	92.0 %			19.2-141						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	80.1 %			24.8-127						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	132 %			23-163						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	107 %			25.8-110						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/28/2020 23:21	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:49	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:49	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:49	CM



Sample Information

Client Sample ID: SB-16 (Comp)

York Sample ID: 20G0886-02

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:49	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:49	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/29/2020 05:53	07/30/2020 11:49	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:49	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:49	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:49	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:49	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:49	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/29/2020 05:53	07/30/2020 11:49	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:49	CM
72-20-8	Endrin	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:49	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:49	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:49	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:49	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/29/2020 05:53	07/30/2020 11:49	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:49	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:49	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.48	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:49	CM
8001-35-2	Toxaphene	ND		ug/kg dry	96.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 11:49	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	Surrogate: Decachlorobiphenyl	87.4 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	50.7 %	30-150



Sample Information

Client Sample ID: SB-16 (Comp)

York Sample ID: 20G0886-02

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:01	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:01	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:01	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:01	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:01	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:01	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:01	CM
	Surrogate Recoveries	Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	125 %	S-GC		30-120						
877-09-8	Surrogate: Tetrachloro-m-xylene	81.1 %			30-120						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 00:07	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 00:07	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 00:07	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 00:07	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 00:07	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 00:07	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 00:07	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 00:07	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:53	07/30/2020 00:07	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications:	07/29/2020 05:53	07/30/2020 00:07	BJ



Sample Information

Client Sample ID: SB-16 (Comp)

York Sample ID: 20G0886-02

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	61.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	64.5 %			30-140					

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	23.0	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 15:24	07/28/2020 19:28	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	23.0	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 15:24	07/28/2020 19:28	BJ
94-75-7	2,4-D	ND		ug/kg dry	23.0	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 15:24	07/28/2020 19:28	BJ
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	61.8 %			21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 09:02	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 09:02	BJ
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	70.0 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	57.9	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/27/2020 05:58	07/27/2020 21:28	SGM
Surrogate Recoveries		Result	Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	48.0 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	49.1 %			28.7-124					



Sample Information

Client Sample ID: SB-16 (Comp)

York Sample ID: 20G0886-02

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9660		mg/kg dry	5.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML
7440-36-0	Antimony	ND		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML
7440-38-2	Arsenic	15.5		mg/kg dry	1.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML
7440-39-3	Barium	115		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.351	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML
7440-70-2	Calcium	3680		mg/kg dry	5.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML
7440-47-3	Chromium	28.0		mg/kg dry	0.584	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML
7440-48-4	Cobalt	7.98		mg/kg dry	0.468	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML
7440-50-8	Copper	63.5		mg/kg dry	2.34	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML
7439-89-6	Iron	15700		mg/kg dry	29.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML
7439-92-1	Lead	144		mg/kg dry	0.584	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML
7439-95-4	Magnesium	3280		mg/kg dry	5.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML
7439-96-5	Manganese	251		mg/kg dry	0.584	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML
7440-02-0	Nickel	19.5		mg/kg dry	1.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML
7440-09-7	Potassium	2020		mg/kg dry	5.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML
7782-49-2	Selenium	ND		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML
7440-22-4	Silver	ND		mg/kg dry	0.584	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML
7440-23-5	Sodium	1010		mg/kg dry	58.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML
7440-28-0	Thallium	ND		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML
7440-62-2	Vanadium	26.9		mg/kg dry	1.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML
7440-66-6	Zinc	150	B	mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:54	KML



Sample Information

Client Sample ID: SB-16 (Comp)

York Sample ID: 20G0886-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 15:59	KML
7440-39-3	Barium	1.16		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 15:59	KML
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 15:59	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 15:59	KML
7439-92-1	Lead	0.338		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 15:59	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 15:59	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 15:59	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.89		mg/kg dry	0.0351	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/24/2020 09:05	07/24/2020 11:58	SY

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/28/2020 14:51	07/28/2020 21:41	MAO

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.584	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/27/2020 13:59	07/27/2020 19:38	MAO

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.43		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	07/24/2020 08:56	07/24/2020 14:51	ZTS



Sample Information

Client Sample ID: SB-16 (Comp)

York Sample ID: 20G0886-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.584	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 08:52	07/24/2020 12:00	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.43		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/24/2020 08:56	07/24/2020 13:23	JAG

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/24/2020 12:01	07/24/2020 22:38	MAO

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/24/2020 12:02	07/24/2020 22:37	MAO

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.6		°C	1.00	1	EPA 170.1 Certifications:	07/24/2020 08:56	07/24/2020 14:51	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P Certifications:	09/05/2020 11:05	09/05/2020 11:19	TAJ

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	270	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/24/2020 08:55	07/24/2020 13:28	JAG



Sample Information

Client Sample ID: SB-16 (Comp)

York Sample ID: 20G0886-02

York Project (SDG) No. 20G0886 Client Project ID Brooklyn Waterfront Matrix Soil Collection Date/Time July 23, 2020 12:00 am Date Received 07/23/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, * % Solids, 85.6, %, 0.100, 1, SM 2540G, 07/24/2020 08:06, 07/24/2020 13:05, WJM. Certifications: CTDOH

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/27/2020 15:27, 07/28/2020 12:51, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/27/2020 15:21, 07/28/2020 12:47, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, ND, N/A, 1.00, 1, EPA 1311, 07/27/2020 15:53, 07/28/2020 11:32, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

Sample Information

Client Sample ID: SB-17 (Comp)

York Sample ID: 20G0886-03

York Project (SDG) No. 20G0886 Client Project ID Brooklyn Waterfront Matrix Soil Collection Date/Time July 23, 2020 12:00 am Date Received 07/23/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows 1-3: 75-35-4, 107-06-2, 106-46-7. Results: ND. Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:



Sample Information

Client Sample ID: SB-17 (Comp)

York Sample ID: 20G0886-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 13:37	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 13:37	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 13:37	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 13:37	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 13:37	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 13:37	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 13:37	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 13:37	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %			77-125						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	94.8 %			76-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	98.4 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW



Sample Information

Client Sample ID: SB-17 (Comp)

York Sample ID: 20G0886-03

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW



Sample Information

Client Sample ID: SB-17 (Comp)

York Sample ID: 20G0886-03

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
83-32-9	Acenaphthene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
208-96-8	Acenaphthylene	92.0	J	ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
98-86-2	Acetophenone	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
62-53-3	Aniline	ND		ug/kg dry	201	401	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
120-12-7	Anthracene	186		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
1912-24-9	Atrazine	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	201	401	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
56-55-3	Benzo(a)anthracene	924		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
50-32-8	Benzo(a)pyrene	1030		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
205-99-2	Benzo(b)fluoranthene	829		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
191-24-2	Benzo(g,h,i)perylene	652		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
207-08-9	Benzo(k)fluoranthene	737		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
65-85-0	Benzoic acid	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW



Sample Information

Client Sample ID: SB-17 (Comp)

York Sample ID: 20G0886-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
86-74-8	Carbazole	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
218-01-9	Chrysene	858		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
53-70-3	Dibenzo(a,h)anthracene	212		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
122-39-4	* Diphenylamine	ND		ug/kg dry	100	200	2	EPA 8270D Certifications:	07/28/2020 05:59	07/28/2020 23:52	OW
206-44-0	Fluoranthene	1550		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
86-73-7	Fluorene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
193-39-5	Indeno(1,2,3-cd)pyrene	574		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
78-59-1	Isophorone	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
91-20-3	Naphthalene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW



Sample Information

Client Sample ID: SB-17 (Comp)

York Sample ID: 20G0886-03

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
85-01-8	Phenanthrene	562		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
108-95-2	Phenol	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
129-00-0	Pyrene	1560		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/28/2020 23:52	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	59.5 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	59.3 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	78.4 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	48.6 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	78.2 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	59.8 %			24-116						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/28/2020 15:08	07/29/2020 12:11	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:11	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:11	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:11	OW
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:11	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:11	OW
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/28/2020 15:08	07/29/2020 12:11	OW
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:11	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:11	OW
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:11	OW



Sample Information

Client Sample ID: SB-17 (Comp)

York Sample ID: 20G0886-03

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:11	OW
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:11	OW
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:11	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	58.0 %			10-90.9						
4165-62-2	Surrogate: SURR: Phenol-d5	42.3 %			10-69.2						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	89.4 %			19.2-141						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	81.9 %			24.8-127						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	136 %			23-163						
1718-51-0	Surrogate: SURR: Terphenyl-d14	107 %			25.8-110						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	Unknown PAH MW=252 RT=18.536	896	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/28/2020 23:52	OW
NA	Unknown RT=12.586	1940	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/28/2020 23:52	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:07	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:07	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:07	CM
309-00-2	Aldrin	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:07	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:07	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/29/2020 05:57	07/30/2020 12:07	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:07	CM



Sample Information

Client Sample ID: SB-17 (Comp)

York Sample ID: 20G0886-03

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/kg dry	40.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:07	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:07	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:07	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:07	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/29/2020 05:57	07/30/2020 12:07	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:07	CM
72-20-8	Endrin	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:07	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:07	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:07	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:07	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/29/2020 05:57	07/30/2020 12:07	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:07	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:07	CM
72-43-5	Methoxychlor	ND		ug/kg dry	10.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:07	CM
8001-35-2	Toxaphene	ND		ug/kg dry	102	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:07	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	101 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	62.8 %	30-150

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:17	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:17	CM



Sample Information

Client Sample ID: SB-17 (Comp)

York Sample ID: 20G0886-03

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:17	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:17	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:17	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:17	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:17	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	154 %	S-GC	30-120
877-09-8	Surrogate: Tetrachloro-m-xylene	90.5 %		30-120

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:00	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:00	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:00	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:00	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:00	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:00	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:00	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:00	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:00	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications:	07/29/2020 05:57	07/29/2020 18:00	BJ

Surrogate Recoveries

Result

Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	62.5 %		30-140
2051-24-3	Surrogate: Decachlorobiphenyl	66.0 %		30-140



Sample Information

Client Sample ID: SB-17 (Comp)

York Sample ID: 20G0886-03

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	24.5	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 15:24	07/28/2020 19:39	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	24.5	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 15:24	07/28/2020 19:39	BJ
94-75-7	2,4-D	ND		ug/kg dry	24.5	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 15:24	07/28/2020 19:39	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	58.0 %			21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 09:12	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 09:12	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	63.0 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	65.5		mg/kg dry	60.2	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/27/2020 05:58	07/27/2020 21:57	SGM
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	50.4 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	51.4 %			28.7-124					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7490		mg/kg dry	6.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML
7440-36-0	Antimony	ND		mg/kg dry	3.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML



Sample Information

Client Sample ID: SB-17 (Comp)

York Sample ID: 20G0886-03

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	8.34		mg/kg dry	1.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML
7440-39-3	Barium	256		mg/kg dry	3.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.061	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML
7440-43-9	Cadmium	0.403		mg/kg dry	0.369	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML
7440-70-2	Calcium	10300		mg/kg dry	6.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML
7440-47-3	Chromium	52.0		mg/kg dry	0.614	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML
7440-48-4	Cobalt	10.3		mg/kg dry	0.491	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML
7440-50-8	Copper	264		mg/kg dry	2.46	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML
7439-89-6	Iron	30600		mg/kg dry	30.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML
7439-92-1	Lead	1220		mg/kg dry	0.614	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML
7439-95-4	Magnesium	1760		mg/kg dry	6.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML
7439-96-5	Manganese	313		mg/kg dry	0.614	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML
7440-02-0	Nickel	92.5		mg/kg dry	1.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML
7440-09-7	Potassium	1050		mg/kg dry	6.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML
7782-49-2	Selenium	ND		mg/kg dry	3.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML
7440-22-4	Silver	0.750		mg/kg dry	0.614	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML
7440-23-5	Sodium	1040		mg/kg dry	61.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML
7440-28-0	Thallium	ND		mg/kg dry	3.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML
7440-62-2	Vanadium	20.6		mg/kg dry	1.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML
7440-66-6	Zinc	776	B	mg/kg dry	3.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:56	KML

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-17 (Comp)

York Sample ID: 20G0886-03

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:02	KML
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:02	KML
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:02	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:02	KML
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:02	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:02	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:02	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	6.95		mg/kg dry	0.0369	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/24/2020 09:05	07/24/2020 12:51	SY

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/28/2020 14:51	07/28/2020 21:51	MAO

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.614	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/27/2020 13:59	07/27/2020 19:38	MAO

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.22		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	07/24/2020 08:56	07/24/2020 14:51	ZTS



Sample Information

Client Sample ID: SB-17 (Comp)

York Sample ID: 20G0886-03

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Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	0.971		mg/kg dry	0.614	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 08:52	07/24/2020 12:00	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.22		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/24/2020 08:56	07/24/2020 13:23	JAG

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	09/11/2020 10:18	09/11/2020 16:26	JAG

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	16.0		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	09/11/2020 14:56	09/11/2020 14:57	JAG

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.0		°C	1.00	1	EPA 170.1 Certifications:	07/24/2020 08:56	07/24/2020 14:51	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P Certifications:	09/05/2020 11:05	09/05/2020 11:19	TAJ

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	260	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/24/2020 08:55	07/24/2020 13:28	JAG



Sample Information

Client Sample ID: SB-17 (Comp)

York Sample ID: 20G0886-03

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	81.4		%	0.100	1	SM 2540G Certifications: CTDOH	07/24/2020 08:06	07/24/2020 13:05	WJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/27/2020 15:27	07/28/2020 12:51	TAJ

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/27/2020 15:21	07/28/2020 12:47	TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	ND		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/27/2020 15:53	07/28/2020 11:32	TAJ

Sample Information

Client Sample ID: SB-18 (Comp)

York Sample ID: 20G0886-04

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:03	SS



Sample Information

Client Sample ID: SB-18 (Comp)

York Sample ID: 20G0886-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:03	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:03	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:03	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:03	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:03	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:03	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	104 %			77-125						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	94.9 %			76-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	98.7 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW



Sample Information

Client Sample ID: SB-18 (Comp)

York Sample ID: 20G0886-04

York Project (SDG) No.

Client Project ID

Matrix

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20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW



Sample Information

Client Sample ID: SB-18 (Comp)

York Sample ID: 20G0886-04

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
83-32-9	Acenaphthene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
208-96-8	Acenaphthylene	58.3	J	ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
98-86-2	Acetophenone	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
62-53-3	Aniline	ND		ug/kg dry	200	400	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
120-12-7	Anthracene	79.9	J	ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
1912-24-9	Atrazine	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	200	400	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
56-55-3	Benzo(a)anthracene	389		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
50-32-8	Benzo(a)pyrene	404		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
205-99-2	Benzo(b)fluoranthene	364		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
191-24-2	Benzo(g,h,i)perylene	254		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
207-08-9	Benzo(k)fluoranthene	324		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
65-85-0	Benzoic acid	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW



Sample Information

Client Sample ID: SB-18 (Comp)

York Sample ID: 20G0886-04

York Project (SDG) No.

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20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
86-74-8	Carbazole	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
218-01-9	Chrysene	444		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
53-70-3	Dibenzo(a,h)anthracene	87.9	J	ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
122-39-4	* Diphenylamine	ND		ug/kg dry	100	200	2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:23	OW
206-44-0	Fluoranthene	940		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
86-73-7	Fluorene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
193-39-5	Indeno(1,2,3-cd)pyrene	233		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
78-59-1	Isophorone	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
91-20-3	Naphthalene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW



Sample Information

Client Sample ID: SB-18 (Comp)

York Sample ID: 20G0886-04

York Project (SDG) No.

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20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
85-01-8	Phenanthrene	586		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
108-95-2	Phenol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
129-00-0	Pyrene	869		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:23	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	53.0 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	53.6 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	69.5 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	42.3 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	64.5 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	54.5 %			24-116						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	5.16	8.00	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/28/2020 15:08	07/29/2020 12:42	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	5.77	8.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:42	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	5.23	8.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:42	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.79	8.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:42	OW
95-48-7	2-Methylphenol	ND		ug/L	1.37	8.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:42	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	5.95	16.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:42	OW
1319-77-3	Cresols, total	ND		ug/L	5.92	24.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/28/2020 15:08	07/29/2020 12:42	OW
118-74-1	Hexachlorobenzene	ND		ug/L	4.73	8.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:42	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	5.30	8.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:42	OW
67-72-1	Hexachloroethane	ND		ug/L	5.81	8.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:42	OW



Sample Information

Client Sample ID: SB-18 (Comp)

York Sample ID: 20G0886-04

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	3.15	8.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:42	OW
87-86-5	Pentachlorophenol	ND		ug/L	6.02	8.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:42	OW
110-86-1	Pyridine	ND		ug/L	5.10	8.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 12:42	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	38.6 %			10-90.9						
4165-62-2	Surrogate: SURR: Phenol-d5	29.4 %			10-69.2						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	56.4 %			19.2-141						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	50.7 %			24.8-127						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	87.4 %			23-163						
1718-51-0	Surrogate: SURR: Terphenyl-d14	77.1 %			25.8-110						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:23	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:25	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:25	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:25	CM
309-00-2	Aldrin	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:25	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:25	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/29/2020 05:57	07/30/2020 12:25	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:25	CM



Sample Information

Client Sample ID: SB-18 (Comp)

York Sample ID: 20G0886-04

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/kg dry	39.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:25	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:25	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:25	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:25	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/29/2020 05:57	07/30/2020 12:25	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:25	CM
72-20-8	Endrin	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:25	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:25	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:25	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:25	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/29/2020 05:57	07/30/2020 12:25	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:25	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:25	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:25	CM
8001-35-2	Toxaphene	ND		ug/kg dry	99.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:25	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	71.4 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	84.5 %	30-150

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:34	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:34	CM



Sample Information

Client Sample ID: SB-18 (Comp)

York Sample ID: 20G0886-04

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:34	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:34	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:34	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:34	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:34	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	142 %	S-GC	30-120
877-09-8	Surrogate: Tetrachloro-m-xylene	78.1 %		30-120

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:13	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:13	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:13	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:13	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:13	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:13	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:13	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:13	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:13	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	07/29/2020 05:57	07/29/2020 18:13	BJ

Surrogate Recoveries

Result

Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	55.0 %		30-140
2051-24-3	Surrogate: Decachlorobiphenyl	58.0 %		30-140



Sample Information

Client Sample ID: SB-18 (Comp)

York Sample ID: 20G0886-04

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	23.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 15:24	07/28/2020 19:50	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	23.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 15:24	07/28/2020 19:50	BJ
94-75-7	2,4-D	ND		ug/kg dry	23.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 15:24	07/28/2020 19:50	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	71.0 %			21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 09:23	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 09:23	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	65.8 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	57.8	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/27/2020 05:58	07/27/2020 22:26	SGM
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	49.0 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	51.1 %			28.7-124					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5500		mg/kg dry	6.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML
7440-36-0	Antimony	ND		mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML



Sample Information

Client Sample ID: SB-18 (Comp)

York Sample ID: 20G0886-04

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	4.49		mg/kg dry	1.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML
7440-39-3	Barium	816		mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.060	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML
7440-43-9	Cadmium	0.695		mg/kg dry	0.361	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML
7440-70-2	Calcium	9260		mg/kg dry	6.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML
7440-47-3	Chromium	13.7		mg/kg dry	0.601	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML
7440-48-4	Cobalt	6.04		mg/kg dry	0.481	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML
7440-50-8	Copper	231		mg/kg dry	2.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML
7439-89-6	Iron	17100		mg/kg dry	30.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML
7439-92-1	Lead	340		mg/kg dry	0.601	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML
7439-95-4	Magnesium	3030		mg/kg dry	6.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML
7439-96-5	Manganese	160		mg/kg dry	0.601	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML
7440-02-0	Nickel	18.2		mg/kg dry	1.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML
7440-09-7	Potassium	790		mg/kg dry	6.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML
7782-49-2	Selenium	ND		mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML
7440-22-4	Silver	ND		mg/kg dry	0.601	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML
7440-23-5	Sodium	1140		mg/kg dry	60.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML
7440-28-0	Thallium	ND		mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML
7440-62-2	Vanadium	19.3		mg/kg dry	1.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML
7440-66-6	Zinc	376	B	mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 18:59	KML

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-18 (Comp)

York Sample ID: 20G0886-04

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:05	KML
7440-39-3	Barium	1.45		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:05	KML
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:05	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:05	KML
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:05	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:05	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:05	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.08		mg/kg dry	0.0361	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/24/2020 09:05	07/24/2020 12:58	SY

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/28/2020 14:51	07/28/2020 22:02	MAO

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.601	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/27/2020 13:59	07/27/2020 19:38	MAO

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.09		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	07/24/2020 08:56	07/24/2020 14:51	ZTS



Sample Information

Client Sample ID: SB-18 (Comp)

York Sample ID: 20G0886-04

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.601	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/24/2020 08:52	07/24/2020 12:00	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.09		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/24/2020 08:56	07/24/2020 13:23	JAG

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/24/2020 12:01	07/24/2020 22:38	MAO

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/24/2020 12:02	07/24/2020 22:37	MAO

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.0		°C	1.00	1	EPA 170.1 Certifications:	07/24/2020 08:56	07/24/2020 14:51	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P Certifications:	09/05/2020 11:05	09/05/2020 11:19	TAJ

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	240	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/24/2020 08:55	07/24/2020 13:28	JAG



Sample Information

Client Sample ID: SB-18 (Comp)

York Sample ID: 20G0886-04

York Project (SDG) No. 20G0886 Client Project ID Brooklyn Waterfront Matrix Soil Collection Date/Time July 23, 2020 12:00 am Date Received 07/23/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, * % Solids, 83.2, %, 0.100, 1, SM 2540G, 07/24/2020 08:06, 07/24/2020 13:05, WJM. Certifications: CTDOH

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/27/2020 15:27, 07/28/2020 12:51, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/27/2020 15:21, 07/28/2020 12:47, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, ND, N/A, 1.00, 1, EPA 1311, 07/27/2020 15:53, 07/28/2020 11:32, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

Sample Information

Client Sample ID: SB-19 (Comp)

York Sample ID: 20G0886-05

York Project (SDG) No. 20G0886 Client Project ID Brooklyn Waterfront Matrix Soil Collection Date/Time July 23, 2020 12:00 am Date Received 07/23/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows 1-3: 75-35-4, 107-06-2, 106-46-7. All results are ND. Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:



Sample Information

Client Sample ID: SB-19 (Comp)

York Sample ID: 20G0886-05

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:28	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:28	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:28	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:28	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:28	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:28	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:28	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:28	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	104 %			77-125						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	94.9 %			76-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	99.5 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW



Sample Information

Client Sample ID: SB-19 (Comp)

York Sample ID: 20G0886-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW



Sample Information

Client Sample ID: SB-19 (Comp)

York Sample ID: 20G0886-05

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
83-32-9	Acenaphthene	179		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
98-86-2	Acetophenone	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
62-53-3	Aniline	ND		ug/kg dry	182	364	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
120-12-7	Anthracene	869		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
1912-24-9	Atrazine	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	182	364	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
56-55-3	Benzo(a)anthracene	2670		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
50-32-8	Benzo(a)pyrene	2530		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
205-99-2	Benzo(b)fluoranthene	2380		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
191-24-2	Benzo(g,h,i)perylene	1520		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
207-08-9	Benzo(k)fluoranthene	1790		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
65-85-0	Benzoic acid	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW



Sample Information

Client Sample ID: SB-19 (Comp)

York Sample ID: 20G0886-05

York Project (SDG) No.

Client Project ID

Matrix

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20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
86-74-8	Carbazole	66.1	J	ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
218-01-9	Chrysene	2370		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
53-70-3	Dibenzo(a,h)anthracene	523		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
132-64-9	Dibenzofuran	88.0	J	ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
122-39-4	* Diphenylamine	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
206-44-0	Fluoranthene	5600		ug/kg dry	228	455	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 13:39	OW
86-73-7	Fluorene	205		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
193-39-5	Indeno(1,2,3-cd)pyrene	1430		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
78-59-1	Isophorone	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
91-20-3	Naphthalene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW



Sample Information

Client Sample ID: SB-19 (Comp)

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Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
85-01-8	Phenanthrene	2660		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
108-95-2	Phenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 00:54	OW
129-00-0	Pyrene	4210		ug/kg dry	228	455	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 13:39	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	46.2 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	53.9 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	79.7 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	55.3 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	25.3 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	73.2 %			24-116						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/28/2020 15:08	07/29/2020 13:14	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:14	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:14	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:14	OW
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:14	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:14	OW
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/28/2020 15:08	07/29/2020 13:14	OW
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:14	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:14	OW
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:14	OW



Sample Information

Client Sample ID: SB-19 (Comp)

York Sample ID: 20G0886-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:14	OW
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:14	OW
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:14	OW
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	46.3 %			10-90.9						
4165-62-2	Surrogate: SURR: Phenol-d5	35.5 %			10-69.2						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	65.6 %			19.2-141						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	59.2 %			24.8-127						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	106 %			23-163						
1718-51-0	Surrogate: SURR: Terphenyl-d14	84.9 %			25.8-110						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	5Unknown PAH MW=240 RT=16.778	923	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:54	OW
NA	Benzene Isomer RT=19.599	935	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:54	OW
NA	Dichloro hydroxy Benzaldehy...	869	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:54	OW
NA	Unknown PAH MW=216 RT=13.669	1160	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:54	OW
NA	Unknown PAH MW=228 RT=15.887	881	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:54	OW
NA	Unknown PAH MW=242 RT=16.554	905	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:54	OW
NA	Unknown PAH MW=252 RT=18.207	1170	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:54	OW
NA	Unknown PAH MW=252 RT=18.557	1980	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:54	OW
NA	Unknown PAH MW=253 RT=17.689	709	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:54	OW
NA	Unknown PAH MW=264 RT=19.638	850	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:54	OW
NA	Unknown PAH MW=266 RT=19.090	704	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:54	OW
NA	Unknown PAH MW=266 RT=19.177	1260	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:54	OW



Sample Information

Client Sample ID: SB-19 (Comp)

York Sample ID: 20G0886-05

York Project (SDG) No.

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Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

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Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	Unknown PAH MW=266 RT=19.318	1040	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:54	OW
NA	Unknown PAH MW=266 RT=19.476	885	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:54	OW
NA	Unknown PAH MW=276 RT=21.637	776	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:54	OW
NA	Unknown PAH MW=278 RT=19.012	760	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:54	OW
NA	Unknown PAH MW=278 RT=21.035	921	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:54	OW
NA	Unknown PAH MW=278 RT=21.119	856	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:54	OW
NA	Unknown RT=19.759	1250	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:54	OW
NA	Unknown RT=19.846	732	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:54	OW
NA	Unknown RT=20.317	1440	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 00:54	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:43	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:43	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:43	CM
309-00-2	Aldrin	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:43	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:43	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/29/2020 05:57	07/30/2020 12:43	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:43	CM
57-74-9	Chlordane, total	ND		ug/kg dry	35.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:43	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:43	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:43	CM



Sample Information

Client Sample ID: SB-19 (Comp)

York Sample ID: 20G0886-05

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:43	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/29/2020 05:57	07/30/2020 12:43	CM
1031-07-8	Endosulfan sulfat	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:43	CM
72-20-8	Endrin	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:43	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:43	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:43	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:43	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/29/2020 05:57	07/30/2020 12:43	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:43	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:43	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:43	CM
8001-35-2	Toxaphene	ND		ug/kg dry	90.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 12:43	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	109 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	67.0 %	30-150

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:51	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:51	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:51	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:51	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:51	CM



Sample Information

Client Sample ID: SB-19 (Comp)

York Sample ID: 20G0886-05

York Project (SDG) No.

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20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:51	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 22:51	CM
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	116 %			30-120						
877-09-8	Surrogate: Tetrachloro-m-xylene	73.9 %			30-120						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:27	BJ	
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:27	BJ	
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:27	BJ	
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:27	BJ	
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:27	BJ	
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:27	BJ	
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:27	BJ	
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:27	BJ	
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:27	BJ	
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	07/29/2020 05:57	07/29/2020 18:27	BJ	
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	71.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	75.5 %			30-140						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-19 (Comp)

York Sample ID: 20G0886-05

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	22.1	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 15:24	07/28/2020 20:01	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.1	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 15:24	07/28/2020 20:01	BJ
94-75-7	2,4-D	ND		ug/kg dry	22.1	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 15:24	07/28/2020 20:01	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	52.0 %			21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 09:34	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 09:34	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	66.8 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	139		mg/kg dry	54.2	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/27/2020 05:58	07/27/2020 22:55	SGM
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	45.4 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	46.4 %			28.7-124					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	8440		mg/kg dry	5.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML
7440-36-0	Antimony	ND		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML



Sample Information

Client Sample ID: SB-19 (Comp)

York Sample ID: 20G0886-05

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.19		mg/kg dry	1.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML
7440-39-3	Barium	70.7		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.335	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML
7440-70-2	Calcium	4490		mg/kg dry	5.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML
7440-47-3	Chromium	14.8		mg/kg dry	0.558	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML
7440-48-4	Cobalt	9.24		mg/kg dry	0.446	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML
7440-50-8	Copper	56.2		mg/kg dry	2.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML
7439-89-6	Iron	24500		mg/kg dry	27.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML
7439-92-1	Lead	76.9		mg/kg dry	0.558	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML
7439-95-4	Magnesium	4120		mg/kg dry	5.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML
7439-96-5	Manganese	574		mg/kg dry	0.558	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML
7440-02-0	Nickel	25.5		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML
7440-09-7	Potassium	1180		mg/kg dry	5.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML
7782-49-2	Selenium	ND		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML
7440-22-4	Silver	ND		mg/kg dry	0.558	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML
7440-23-5	Sodium	1060		mg/kg dry	55.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML
7440-28-0	Thallium	ND		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML
7440-62-2	Vanadium	23.5		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML
7440-66-6	Zinc	100	B	mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:02	KML

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-19 (Comp)

York Sample ID: 20G0886-05

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:08	KML
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:08	KML
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:08	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:08	KML
7439-92-1	Lead	0.581		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:08	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:08	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:08	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.503		mg/kg dry	0.0335	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/24/2020 09:05	07/24/2020 13:12	SY

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/28/2020 14:51	07/28/2020 22:12	MAO

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.558	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/27/2020 13:59	07/27/2020 19:38	MAO

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	11.0		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	07/24/2020 08:56	07/24/2020 14:51	ZTS



Sample Information

Client Sample ID: SB-19 (Comp)

York Sample ID: 20G0886-05

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.558	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/27/2020 08:37	07/27/2020 14:27	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	11.0		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/24/2020 08:56	07/24/2020 13:23	JAG

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/27/2020 14:31	07/27/2020 22:40	MAO

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/27/2020 14:31	07/27/2020 22:40	MAO

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	21.9		°C	1.00	1	EPA 170.1 Certifications:	07/24/2020 08:56	07/24/2020 14:51	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P Certifications:	09/05/2020 11:05	09/05/2020 11:19	TAJ

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	130	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/24/2020 08:55	07/24/2020 13:28	JAG



Sample Information

Client Sample ID: SB-19 (Comp)

York Sample ID: 20G0886-05

York Project (SDG) No. 20G0886 Client Project ID Brooklyn Waterfront Matrix Soil Collection Date/Time July 23, 2020 12:00 am Date Received 07/23/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, * % Solids, 89.6, %, 0.100, 1, SM 2540G, 07/24/2020 08:06, 07/24/2020 13:05, WJM. Certifications: CTDOH

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/27/2020 15:27, 07/28/2020 12:51, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/27/2020 15:21, 07/28/2020 12:47, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, ND, N/A, 1.00, 1, EPA 1311, 07/27/2020 15:53, 07/28/2020 11:32, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

Sample Information

Client Sample ID: SB-21 (Comp)

York Sample ID: 20G0886-06

York Project (SDG) No. 20G0886 Client Project ID Brooklyn Waterfront Matrix Soil Collection Date/Time July 23, 2020 12:00 am Date Received 07/23/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows 1-3: 75-35-4, 107-06-2, 106-46-7. All results are ND. Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:



Sample Information

Client Sample ID: SB-21 (Comp)

York Sample ID: 20G0886-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:53	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:53	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:53	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:53	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:53	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:53	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:53	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 14:53	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %			77-125						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	95.1 %			76-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	99.3 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW



Sample Information

Client Sample ID: SB-21 (Comp)

York Sample ID: 20G0886-06

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW



Sample Information

Client Sample ID: SB-21 (Comp)

York Sample ID: 20G0886-06

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
83-32-9	Acenaphthene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
98-86-2	Acetophenone	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
62-53-3	Aniline	ND		ug/kg dry	185	369	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
120-12-7	Anthracene	48.6	J	ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
1912-24-9	Atrazine	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	185	369	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
56-55-3	Benzo(a)anthracene	195		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
50-32-8	Benzo(a)pyrene	223		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
205-99-2	Benzo(b)fluoranthene	189		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
191-24-2	Benzo(g,h,i)perylene	151		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
207-08-9	Benzo(k)fluoranthene	153		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
65-85-0	Benzoic acid	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW



Sample Information

Client Sample ID: SB-21 (Comp)

York Sample ID: 20G0886-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
86-74-8	Carbazole	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
218-01-9	Chrysene	183		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
53-70-3	Dibenzo(a,h)anthracene	52.3	J	ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
122-39-4	* Diphenylamine	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 01:26	OW
206-44-0	Fluoranthene	354		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
86-73-7	Fluorene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
193-39-5	Indeno(1,2,3-cd)pyrene	134		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
78-59-1	Isophorone	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
91-20-3	Naphthalene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW



Sample Information

Client Sample ID: SB-21 (Comp)

York Sample ID: 20G0886-06

York Project (SDG) No.

Client Project ID

Matrix

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Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
85-01-8	Phenanthrene	133		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
108-95-2	Phenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
129-00-0	Pyrene	373		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 05:59	07/29/2020 01:26	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	54.6 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	53.8 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	71.0 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	43.4 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	74.8 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	57.2 %			24-116						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/28/2020 15:08	07/29/2020 13:45	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:45	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:45	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:45	OW
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:45	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:45	OW
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/28/2020 15:08	07/29/2020 13:45	OW
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:45	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:45	OW
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:45	OW



Sample Information

Client Sample ID: SB-21 (Comp)

York Sample ID: 20G0886-06

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Brooklyn Waterfront

Soil

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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:45	OW
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:45	OW
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 13:45	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	53.0 %			10-90.9						
4165-62-2	Surrogate: SURR: Phenol-d5	41.5 %			10-69.2						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	74.2 %			19.2-141						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	66.5 %			24.8-127						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	113 %			23-163						
1718-51-0	Surrogate: SURR: Terphenyl-d14	93.2 %			25.8-110						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	Unknown PAH MW=300 RT=19.293	903	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 01:26	OW
NA	Unknown PAH MW=302 RT=17.189	1110	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 01:26	OW
NA	Unknown PAH MW=302 RT=19.652	977	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 01:26	OW
NA	Unknown PAH MW=302 RT=19.889	760	J	ug/kg dry			2	EPA 8270D Certifications:	07/28/2020 05:59	07/29/2020 01:26	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 13:01	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 13:01	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 13:01	CM
309-00-2	Aldrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 13:01	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 13:01	CM



Sample Information

Client Sample ID: SB-21 (Comp)

York Sample ID: 20G0886-06

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/29/2020 05:57	07/30/2020 13:01	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 13:01	CM
57-74-9	Chlordane, total	ND		ug/kg dry	36.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 13:01	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 13:01	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 13:01	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 13:01	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/29/2020 05:57	07/30/2020 13:01	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 13:01	CM
72-20-8	Endrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 13:01	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 13:01	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 13:01	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 13:01	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/29/2020 05:57	07/30/2020 13:01	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 13:01	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 13:01	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 13:01	CM
8001-35-2	Toxaphene	ND		ug/kg dry	91.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/30/2020 13:01	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	97.3 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	102 %	30-150							

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-21 (Comp)

York Sample ID: 20G0886-06

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 23:08	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 23:08	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 23:08	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 23:08	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 23:08	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 23:08	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/29/2020 23:08	CM
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	125 %	S-GC	30-120							
877-09-8	Surrogate: Tetrachloro-m-xylene	72.2 %		30-120							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:40	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:40	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:40	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:40	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:40	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:40	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:40	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:40	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/29/2020 05:57	07/29/2020 18:40	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	07/29/2020 05:57	07/29/2020 18:40	BJ



Sample Information

Client Sample ID: SB-21 (Comp)

York Sample ID: 20G0886-06

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	65.5 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	67.5 %			30-140					

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	22.0	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 15:24	07/28/2020 20:11	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.0	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 15:24	07/28/2020 20:11	BJ
94-75-7	2,4-D	ND		ug/kg dry	22.0	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 15:24	07/28/2020 20:11	BJ
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	79.4 %			21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 09:45	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 09:45	BJ
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	72.4 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	52.7	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/27/2020 05:58	07/27/2020 23:24	SGM
Surrogate Recoveries		Result	Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	49.1 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	51.0 %			28.7-124					



Sample Information

Client Sample ID: SB-21 (Comp)

York Sample ID: 20G0886-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6750		mg/kg dry	5.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML
7440-36-0	Antimony	ND		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML
7440-38-2	Arsenic	ND		mg/kg dry	1.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML
7440-39-3	Barium	51.5		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.335	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML
7440-70-2	Calcium	4680		mg/kg dry	5.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML
7440-47-3	Chromium	12.9		mg/kg dry	0.558	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML
7440-48-4	Cobalt	5.79		mg/kg dry	0.447	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML
7440-50-8	Copper	25.2		mg/kg dry	2.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML
7439-89-6	Iron	12000		mg/kg dry	27.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML
7439-92-1	Lead	86.5		mg/kg dry	0.558	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML
7439-95-4	Magnesium	2700		mg/kg dry	5.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML
7439-96-5	Manganese	196		mg/kg dry	0.558	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML
7440-02-0	Nickel	14.6		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML
7440-09-7	Potassium	1240		mg/kg dry	5.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML
7782-49-2	Selenium	ND		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML
7440-22-4	Silver	ND		mg/kg dry	0.558	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML
7440-23-5	Sodium	557		mg/kg dry	55.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML
7440-28-0	Thallium	ND		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML
7440-62-2	Vanadium	20.6		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML
7440-66-6	Zinc	61.9	B	mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/24/2020 07:57	07/27/2020 19:04	KML



Sample Information

Client Sample ID: SB-21 (Comp)

York Sample ID: 20G0886-06

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:17	KML
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:17	KML
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:17	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:17	KML
7439-92-1	Lead	0.272		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:17	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:17	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:17	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.222		mg/kg dry	0.0335	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/24/2020 09:05	07/24/2020 13:19	SY

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/28/2020 14:51	07/28/2020 22:22	MAO

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.558	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/27/2020 13:59	07/27/2020 19:38	MAO

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.80		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	07/24/2020 08:56	07/24/2020 13:23	JAG



Sample Information

Client Sample ID: SB-21 (Comp)

York Sample ID: 20G0886-06

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.558	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/27/2020 08:37	07/27/2020 14:27	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.80		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/24/2020 08:56	07/24/2020 13:23	JAG

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/27/2020 14:31	07/27/2020 22:40	MAO

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/27/2020 14:31	07/27/2020 22:40	MAO

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	21.8		°C	1.00	1	EPA 170.1 Certifications:	07/24/2020 08:56	07/24/2020 13:23	JAG

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P Certifications:	09/05/2020 11:05	09/05/2020 11:19	TAJ

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	140	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/24/2020 08:55	07/24/2020 13:28	JAG



Sample Information

Client Sample ID: SB-21 (Comp) **York Sample ID:** 20G0886-06

York Project (SDG) No. 20G0886 **Client Project ID** Brooklyn Waterfront **Matrix** Soil **Collection Date/Time** July 23, 2020 12:00 am **Date Received** 07/23/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.5		%	0.100	1	SM 2540G Certifications: CTDOH	07/24/2020 08:06	07/24/2020 13:05	WJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/27/2020 15:27	07/28/2020 12:51	TAJ

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/27/2020 15:21	07/28/2020 12:47	TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	ND		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/27/2020 15:53	07/28/2020 11:32	TAJ

Sample Information

Client Sample ID: SB-15 (g) **York Sample ID:** 20G0886-07

York Project (SDG) No. 20G0886 **Client Project ID** Brooklyn Waterfront **Matrix** Soil **Collection Date/Time** July 23, 2020 12:00 am **Date Received** 07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP



Sample Information

Client Sample ID: SB-15 (g)

York Sample ID: 20G0886-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 19:33	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/27/2020 06:21	07/27/2020 19:33	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 19:33	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	72	140	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 19:33	TMP
78-93-3	2-Butanone	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
591-78-6	2-Hexanone	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
67-64-1	Acetone	43		ug/kg dry	7.2	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP



Sample Information

Client Sample ID: SB-15 (g)

York Sample ID: 20G0886-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	7.2	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
71-43-2	Benzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 19:33	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
75-25-2	Bromoform	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
74-83-9	Bromomethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
75-00-3	Chloroethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
67-66-3	Chloroform	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
74-87-3	Chloromethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 19:33	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 19:33	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 19:33	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 19:33	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 19:33	TMP



Sample Information

Client Sample ID: SB-15 (g)

York Sample ID: 20G0886-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 19:33	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 19:33	TMP
75-09-2	Methylene chloride	39		ug/kg dry	7.2	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
95-47-6	o-Xylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/27/2020 06:21	07/27/2020 19:33	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.2	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/27/2020 06:21	07/27/2020 19:33	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
100-42-5	Styrene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 19:33	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
108-88-3	Toluene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH	07/27/2020 06:21	07/27/2020 19:33	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 19:33	TMP



Sample Information

Client Sample ID: SB-15 (g) York Sample ID: 20G0886-07
York Project (SDG) No. 20G0886 Client Project ID Brooklyn Waterfront Matrix Soil Collection Date/Time July 23, 2020 12:00 am Date Received 07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Vinyl Chloride, Xylenes, Total, and Surrogate Recoveries for 1,2-Dichloroethane-d4, Toluene-d8, and p-Bromofluorobenzene.

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: Tentatively Identified Compounds, 0.0, ug/kg dry.

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: % Solids, 90.2, %.

Sample Information

Client Sample ID: SB-16 (g) York Sample ID: 20G0886-08
York Project (SDG) No. 20G0886 Client Project ID Brooklyn Waterfront Matrix Soil Collection Date/Time July 23, 2020 12:00 am Date Received 07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1,2-Tetrachloroethane and 1,1,1-Trichloroethane.



Sample Information

Client Sample ID: SB-16 (g)

York Sample ID: 20G0886-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:01	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/27/2020 06:21	07/27/2020 20:01	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:01	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	67	130	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:01	TMP
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
591-78-6	2-Hexanone	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP



Sample Information

Client Sample ID: SB-16 (g)

York Sample ID: 20G0886-08

York Project (SDG) No.

Client Project ID

Matrix

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Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	66		ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
107-02-8	Acrolein	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
71-43-2	Benzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:01	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
75-25-2	Bromoform	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
74-83-9	Bromomethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
75-00-3	Chloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
74-87-3	Chloromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:01	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:01	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:01	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:01	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP



Sample Information

Client Sample ID: SB-16 (g)

York Sample ID: 20G0886-08

York Project (SDG) No.

Client Project ID

Matrix

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Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:01	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:01	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:01	TMP
75-09-2	Methylene chloride	87		ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/27/2020 06:21	07/27/2020 20:01	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/27/2020 06:21	07/27/2020 20:01	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
100-42-5	Styrene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:01	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
108-88-3	Toluene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH	07/27/2020 06:21	07/27/2020 20:01	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP



Sample Information

Client Sample ID: SB-16 (g)

York Sample ID: 20G0886-08

York Project (SDG) No.

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Brooklyn Waterfront

Soil

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07/23/2020

Volatil Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:01	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	109 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	99.4 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	93.0 %			76-130						

Volatil Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	07/27/2020 06:21	07/27/2020 20:01	TMP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.2		%	0.100	1	SM 2540G Certifications: CTDOH	07/24/2020 08:06	07/24/2020 13:05	WJM

Sample Information

Client Sample ID: SB-17 (g)

York Sample ID: 20G0886-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatil Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP



Sample Information

Client Sample ID: SB-17 (g)

York Sample ID: 20G0886-09

York Project (SDG) No.

Client Project ID

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20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:28	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/27/2020 06:21	07/27/2020 20:28	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:28	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	74	150	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:28	TMP
78-93-3	2-Butanone	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
591-78-6	2-Hexanone	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP



Sample Information

Client Sample ID: SB-17 (g)

York Sample ID: 20G0886-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
67-64-1	Acetone	130		ug/kg dry	7.4	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
107-02-8	Acrolein	ND		ug/kg dry	7.4	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
71-43-2	Benzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:28	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
75-25-2	Bromoform	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
74-83-9	Bromomethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
75-00-3	Chloroethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
67-66-3	Chloroform	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
74-87-3	Chloromethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:28	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:28	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:28	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:28	TMP



Sample Information

Client Sample ID: SB-17 (g)

York Sample ID: 20G0886-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:28	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:28	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:28	TMP
75-09-2	Methylene chloride	190		ug/kg dry	7.4	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
95-47-6	o-Xylene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/27/2020 06:21	07/27/2020 20:28	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.4	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/27/2020 06:21	07/27/2020 20:28	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
100-42-5	Styrene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:28	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
108-88-3	Toluene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH	07/27/2020 06:21	07/27/2020 20:28	TMP



Sample Information

Client Sample ID: SB-17 (g) **York Sample ID:** 20G0886-09
York Project (SDG) No.: 20G0886 **Client Project ID:** Brooklyn Waterfront
Matrix: Soil **Collection Date/Time:** July 23, 2020 12:00 am
Date Received: 07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	11	22	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:28	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	106 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	99.9 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	95.9 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	07/27/2020 06:21	07/27/2020 20:28	TMP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.3		%	0.100	1	SM 2540G Certifications: CTDOH	07/24/2020 08:06	07/24/2020 13:05	WJM

Sample Information

Client Sample ID: SB-18 (g) **York Sample ID:** 20G0886-10
York Project (SDG) No.: 20G0886 **Client Project ID:** Brooklyn Waterfront
Matrix: Soil **Collection Date/Time:** July 23, 2020 12:00 am
Date Received: 07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-18 (g)

York Sample ID: 20G0886-10

<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:55	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/27/2020 06:21	07/27/2020 20:55	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:55	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	63	130	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:55	TMP
78-93-3	2-Butanone	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP



Sample Information

Client Sample ID: SB-18 (g)

York Sample ID: 20G0886-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
67-64-1	Acetone	73		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
107-02-8	Acrolein	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
71-43-2	Benzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:55	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
75-25-2	Bromoform	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
74-83-9	Bromomethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
75-00-3	Chloroethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
67-66-3	Chloroform	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
74-87-3	Chloromethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:55	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:55	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:55	TMP



Sample Information

Client Sample ID: SB-18 (g)

York Sample ID: 20G0886-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:55	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:55	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:55	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:55	TMP
75-09-2	Methylene chloride	43		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
95-47-6	o-Xylene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/27/2020 06:21	07/27/2020 20:55	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/27/2020 06:21	07/27/2020 20:55	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
100-42-5	Styrene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 20:55	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
108-88-3	Toluene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP



Sample Information

Client Sample ID: SB-18 (g)					York Sample ID: 20G0886-10
<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020	

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH	07/27/2020 06:21	07/27/2020 20:55	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.5	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 20:55	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	102 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	99.6 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	95.0 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	07/27/2020 06:21	07/27/2020 20:55	TMP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.1		%	0.100	1	SM 2540G Certifications: CTDOH	07/24/2020 08:06	07/24/2020 13:05	WJM

Sample Information

Client Sample ID: SB-19 (g)					York Sample ID: 20G0886-11
<u>York Project (SDG) No.</u> 20G0886	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 23, 2020 12:00 am	<u>Date Received</u> 07/23/2020	



Sample Information

Client Sample ID: SB-19 (g)

York Sample ID: 20G0886-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:23	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/27/2020 06:21	07/27/2020 21:23	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:23	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	69	140	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:23	TMP
78-93-3	2-Butanone	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP



Sample Information

Client Sample ID: SB-19 (g)

York Sample ID: 20G0886-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
67-64-1	Acetone	32		ug/kg dry	6.9	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
107-02-8	Acrolein	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
71-43-2	Benzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:23	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
75-25-2	Bromoform	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
74-83-9	Bromomethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
75-00-3	Chloroethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
67-66-3	Chloroform	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
74-87-3	Chloromethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:23	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:23	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:23	TMP



Sample Information

Client Sample ID: SB-19 (g)

York Sample ID: 20G0886-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:23	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:23	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:23	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:23	TMP
75-09-2	Methylene chloride	18		ug/kg dry	6.9	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
95-47-6	o-Xylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/27/2020 06:21	07/27/2020 21:23	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/27/2020 06:21	07/27/2020 21:23	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
100-42-5	Styrene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:23	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
108-88-3	Toluene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP



Sample Information

Client Sample ID: SB-19 (g) **York Sample ID:** 20G0886-11
York Project (SDG) No.: 20G0886 **Client Project ID:** Brooklyn Waterfront
Matrix: Soil **Collection Date/Time:** July 23, 2020 12:00 am
Date Received: 07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH	07/27/2020 06:21	07/27/2020 21:23	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:23	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	105 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	101 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	93.0 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	07/27/2020 06:21	07/27/2020 21:23	TMP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.9		%	0.100	1	SM 2540G Certifications: CTDOH	07/24/2020 08:06	07/24/2020 13:05	WJM

Sample Information

Client Sample ID: SB-21 (g) **York Sample ID:** 20G0886-12
York Project (SDG) No.: 20G0886 **Client Project ID:** Brooklyn Waterfront
Matrix: Soil **Collection Date/Time:** July 23, 2020 12:00 am
Date Received: 07/23/2020



Sample Information

Client Sample ID: SB-21 (g)

York Sample ID: 20G0886-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:50	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/27/2020 06:21	07/27/2020 21:50	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:50	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	41	82	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:50	TMP
78-93-3	2-Butanone	5.2		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP



Sample Information

Client Sample ID: SB-21 (g)

York Sample ID: 20G0886-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
67-64-1	Acetone	54		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
107-02-8	Acrolein	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
71-43-2	Benzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:50	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
75-15-0	Carbon disulfide	2.9	J	ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
74-87-3	Chloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:50	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:50	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:50	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:50	TMP



Sample Information

Client Sample ID: SB-21 (g)

York Sample ID: 20G0886-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:50	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:50	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:50	TMP
75-09-2	Methylene chloride	34		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
95-47-6	o-Xylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/27/2020 06:21	07/27/2020 21:50	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/27/2020 06:21	07/27/2020 21:50	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
100-42-5	Styrene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/27/2020 06:21	07/27/2020 21:50	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
108-88-3	Toluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH	07/27/2020 06:21	07/27/2020 21:50	TMP



Sample Information

Client Sample ID: SB-21 (g)

York Sample ID: 20G0886-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0886

Brooklyn Waterfront

Soil

July 23, 2020 12:00 am

07/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/27/2020 06:21	07/27/2020 21:50	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	104 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	98.5 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	93.1 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	07/27/2020 06:21	07/27/2020 21:50	TMP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.0		%	0.100	1	SM 2540G Certifications: CTDOH	07/24/2020 08:06	07/24/2020 13:05	WJM



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20G0886-01	SB-15 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0886-02	SB-16 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0886-03	SB-17 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0886-04	SB-18 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0886-05	SB-19 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0886-06	SB-21 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0886-07	SB-15 (g)	40mL Vial with Stir Bar-Cool 4° C
20G0886-08	SB-16 (g)	40mL Vial with Stir Bar-Cool 4° C
20G0886-09	SB-17 (g)	40mL Vial with Stir Bar-Cool 4° C
20G0886-10	SB-18 (g)	40mL Vial with Stir Bar-Cool 4° C
20G0886-11	SB-19 (g)	40mL Vial with Stir Bar-Cool 4° C
20G0886-12	SB-21 (g)	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
CCV-L	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased low.
EXT-COMP	Completed
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-Temp	Extraction temperature slightly exceeded acceptance range.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
IGN-01	Non-Ignit.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
M-CRL	The RL check for this element recovered outside of control limits.
M-ICV1	The recovery for this element in the Initial Calibration Verification (ICV) exceeded 110% of the expected value. Positive detections may be biased high.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
S-08	The recovery of this surrogate was outside of QC limits.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW -846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported



- RPD Relative Percent Difference
- Wet The data has been reported on an as-received (wet weight) basis
- Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
- High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
- Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to include additional analyses.



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 Stratford, CT 06615
 clientservices@yorklab.com
 www.yorklab.com



YOUR Information

Company: Ecoterra
 Address: 2 Cabotway Ave
 Piscataway, NJ
 Phone: 732-624-9999
 Contact: H. Patel
 E-mail: hpatel@ecoterraconsulting.com

Report To:

Company: Same
 Address: Same
 Phone: Same
 Contact: Same
 E-mail: Same

Invoice To:

Company: Brooklyn Waterfront
 Address: Brooklyn Waterfront
 Phone: Brooklyn Waterfront
 Contact: Brooklyn Waterfront
 E-mail: Brooklyn Waterfront

Field Chain-of-Custody Record

YORK Project No.
2060884

Page 1 of 1

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YOUR Project Number

Turn-Around Time

RUSH - Next Day
 RUSH - Two Day
 RUSH - Three Day
 RUSH - Four Day
 Standard (5-7 Day)

YOUR Project Name

Brooklyn Waterfront

YOUR PO#:

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Hetansh Patel

Samples Collected by: (print your name above and sign below)

Hetansh Patel

Sample Identification

SB-15 (comp)
 SB-16 (comp)
 SB-17 (comp)
 SB-18 (comp)
 SB-19 (comp)
 SB-21 (comp)
 SB-15(g) SB-16(g)
 SB-17(g) SB-18(g)
 SB-19(g)
 SB-21(g)

Sample Matrix

S

Matrix Codes

S - soil / solid
 GW - groundwater
 DW - drinking water
 WW - wastewater
 O - Oil ; Other

Date/Time Sampled

7/23/20
 7/23/20

Analysis Requested

TAL/TCC+30, EPH, PCB,
 Perfluor. ~~TCF~~
 HexA Metals, Hex. chrome,
 Full TCEP

Container Description

2 - 8oz jars

Report / EDD Type (circle selections)

Summary Report Standard Excel EDD

QA Report EQUIS (Standard)

NY ASP A Package NYSDEC EQUIS

NY ASP B Package NJDEP SRP HazSite

Deliverables Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Comments:

NO_x

Preservation: (check all that apply)

HCl MeOH HNO₃ H₂SO₄ NaOH ZnAc
 Ascorbic Acid Other:

Samples Relinquished by / Company

7/23 2:39pm [Signature]
 7/23 [Signature]
 [Signature]

Samples Received by / Company

[Signature]
 [Signature]
 [Signature]

Date/Time

7-23-20 1430
 7/23 1815
 7/23-20 1815

Samples Relinquished by / Company

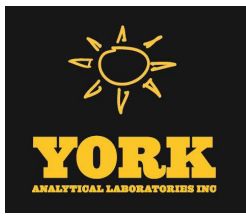
[Signature]

Date/Time

7-23-20

Temp. Received at Lab

4.7



Technical Report

prepared for:

EcoTerra Consulting LLC

10 Willow Drive

Edison NJ, 08820

Attention: Hetansh Patel

Report Date: 08/31/2020

Client Project ID: Brooklyn Waterfront

York Project (SDG) No.: 20G0940

Revision No. 2.0

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

EcoTerra Consulting LLC
10 Willow Drive
Edison NJ, 08820
Attention: Hetansh Patel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 24, 2020 with a temperature of 3.4 C. The project was identified as your project: **Brooklyn Waterfront**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
20G0940-01	SB-5 (Comp)	Soil	07/24/2020	07/24/2020
20G0940-02	SB-6 (Comp)	Soil	07/24/2020	07/24/2020
20G0940-03	SB-7 (Comp)	Soil	07/24/2020	07/24/2020
20G0940-04	SB-8 (Comp)	Soil	07/24/2020	07/24/2020
20G0940-05	SB-9 (Comp)	Soil	07/24/2020	07/24/2020
20G0940-06	SB-10 (Comp)	Soil	07/24/2020	07/24/2020
20G0940-07	SB-11 (Comp)	Soil	07/24/2020	07/24/2020
20G0940-08	SB-12 (Comp)	Soil	07/24/2020	07/24/2020
20G0940-09	SB-13 (Comp)	Soil	07/24/2020	07/24/2020
20G0940-10	SB-14 (Comp)	Soil	07/24/2020	07/24/2020
20G0940-11	SB-5 (g)	Soil	07/24/2020	07/24/2020
20G0940-12	SB-6 (g)	Soil	07/24/2020	07/24/2020
20G0940-13	SB-7 (g)	Soil	07/24/2020	07/24/2020
20G0940-14	SB-8 (g)	Soil	07/24/2020	07/24/2020
20G0940-15	SB-9 (g)	Soil	07/24/2020	07/24/2020
20G0940-16	SB-10 (g)	Soil	07/24/2020	07/24/2020
20G0940-17	SB-11 (g)	Soil	07/24/2020	07/24/2020
20G0940-18	SB-12 (g)	Soil	07/24/2020	07/24/2020
20G0940-19	SB-13 (g)	Soil	07/24/2020	07/24/2020
20G0940-20	SB-14 (g)	Soil	07/24/2020	07/24/2020

General Notes for York Project (SDG) No.: 20G0940

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 08/31/2020





Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G0940-01

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 16:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 16:35	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 16:35	SS
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 16:35	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 16:35	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 16:35	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 16:35	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 16:35	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 16:35	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 16:35	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 16:35	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %	77-125
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.2 %	76-130
2037-26-5	Surrogate: SURR: Toluene-d8	98.6 %	85-120

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G0940-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G0940-01

York Project (SDG) No.

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20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
83-32-9	Acenaphthene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
98-86-2	Acetophenone	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
62-53-3	Aniline	ND		ug/kg dry	186	373	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
120-12-7	Anthracene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
1912-24-9	Atrazine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
92-87-5	Benzidine	ND		ug/kg dry	186	373	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
65-85-0	Benzoic acid	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G0940-01

York Project (SDG) No.

Client Project ID

Matrix

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20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
105-60-2	Caprolactam	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
86-74-8	Carbazole	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
218-01-9	Chrysene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications:	07/30/2020 05:59	07/30/2020 18:58	KH
206-44-0	Fluoranthene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
86-73-7	Fluorene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G0940-01

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
78-59-1	Isophorone	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
91-20-3	Naphthalene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
85-01-8	Phenanthrene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
108-95-2	Phenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH
129-00-0	Pyrene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 18:58	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURR: 2-Fluorophenol	54.2 %	20-108
4165-62-2	Surrogate: SURR: Phenol-d5	66.3 %	23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	73.2 %	22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	53.8 %	21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	86.7 %	19-110
1718-51-0	Surrogate: SURR: Terphenyl-d14	70.4 %	24-116

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/28/2020 15:08	07/29/2020 16:15	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:15	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:15	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:15	OW



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G0940-01

York Project (SDG) No.

Client Project ID

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Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:15	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:15	OW
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/28/2020 15:08	07/29/2020 16:15	OW
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:15	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:15	OW
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:15	OW
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:15	OW
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:15	OW
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:15	OW

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURRE: 2-Fluorophenol	62.7 %				10-90.9
4165-62-2	Surrogate: SURRE: Phenol-d5	44.4 %				10-69.2
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	102 %				19.2-141
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	73.3 %				24.8-127
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	109 %				23-163
1718-51-0	Surrogate: SURRE: Terphenyl-d14	104 %				25.8-110

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 06:43	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 06:43	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 06:43	CM
309-00-2	Aldrin	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 06:43	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 06:43	CM



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G0940-01

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 06:10	07/31/2020 06:43	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 06:43	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 06:43	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 06:43	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 06:43	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 06:43	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/30/2020 06:10	07/31/2020 06:43	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 06:43	CM
72-20-8	Endrin	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 06:43	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 06:43	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 06:43	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 06:43	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 06:10	07/31/2020 06:43	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 06:43	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 06:43	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.29	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 06:43	CM
8001-35-2	Toxaphene	ND		ug/kg dry	94.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 06:43	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	117 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	107 %	30-150							

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G0940-01

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 03:20	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 03:20	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 03:20	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 03:20	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 03:20	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 03:20	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 03:20	CM
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	147 %	S-GC		30-120						
877-09-8	Surrogate: Tetrachloro-m-xylene	84.5 %			30-120						

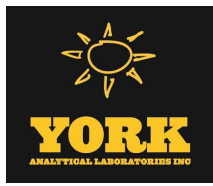
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 16:56	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 16:56	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 16:56	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 16:56	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 16:56	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 16:56	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 16:56	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 16:56	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 16:56	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications:	07/30/2020 06:10	07/30/2020 16:56	BJ



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G0940-01

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	63.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	74.0 %			30-140					

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	22.5	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 07:59	08/03/2020 13:57	CM
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.5	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 07:59	08/03/2020 13:57	CM
94-75-7	2,4-D	ND		ug/kg dry	22.5	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 07:59	08/03/2020 13:57	CM
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	0.600 %	S-DUP		21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 11:44	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 11:44	BJ
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	63.6 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	55.6	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/28/2020 05:44	07/29/2020 00:25	SGM
Surrogate Recoveries		Result	Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	72.9 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	75.2 %			28.7-124					



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G0940-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4600		mg/kg dry	5.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML
7440-36-0	Antimony	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML
7440-38-2	Arsenic	74.3		mg/kg dry	1.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML
7440-39-3	Barium	37.5		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.340	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML
7440-70-2	Calcium	6410		mg/kg dry	5.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML
7440-47-3	Chromium	16.3		mg/kg dry	0.567	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML
7440-48-4	Cobalt	4.60		mg/kg dry	0.454	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML
7440-50-8	Copper	16.9	B	mg/kg dry	2.27	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML
7439-89-6	Iron	10800		mg/kg dry	28.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML
7439-92-1	Lead	99.4		mg/kg dry	0.567	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML
7439-95-4	Magnesium	1600		mg/kg dry	5.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML
7439-96-5	Manganese	208		mg/kg dry	0.567	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML
7440-02-0	Nickel	11.7		mg/kg dry	1.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML
7440-09-7	Potassium	764		mg/kg dry	5.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML
7782-49-2	Selenium	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML
7440-22-4	Silver	ND		mg/kg dry	0.567	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML
7440-23-5	Sodium	299		mg/kg dry	56.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML
7440-28-0	Thallium	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML
7440-62-2	Vanadium	13.2		mg/kg dry	1.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML
7440-66-6	Zinc	45.1		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 16:41	07/30/2020 13:57	KML



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G0940-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:23	KML
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:23	KML
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:23	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:23	KML
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:23	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:23	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:23	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0741		mg/kg dry	0.0340	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/27/2020 15:16	07/27/2020 22:30	MAO

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/28/2020 14:06	07/28/2020 16:51	SY

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.567	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/28/2020 08:28	07/28/2020 17:07	WJM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	10.3		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	07/28/2020 11:41	07/28/2020 15:19	WJM



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G0940-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.567	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/28/2020 08:53	07/28/2020 14:59	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	10.3		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/28/2020 11:41	07/28/2020 15:19	WJM

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/28/2020 14:15	07/28/2020 14:15	MAO

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/28/2020 14:16	07/28/2020 14:16	MAO

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.3		°C	1.00	1	EPA 170.1 Certifications:	07/28/2020 11:41	07/28/2020 15:19	WJM

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.	HT-04	None	1	1	EPA 1030P Certifications:	08/29/2020 19:28	08/29/2020 22:00	MAO

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	200	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/28/2020 11:47	07/28/2020 15:22	WJM



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G0940-01

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.2		%	0.100	1	SM 2540G Certifications: CTDOH	07/27/2020 20:11	07/28/2020 10:30	WJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/27/2020 15:27	07/28/2020 12:51	TAJ

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/27/2020 15:21	07/28/2020 12:47	TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	ND		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/27/2020 15:53	07/28/2020 11:32	TAJ

Sample Information

Client Sample ID: SB-6 (Comp)

York Sample ID: 20G0940-02

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 17:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 17:00	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 17:00	SS



Sample Information

Client Sample ID: SB-6 (Comp)

York Sample ID: 20G0940-02

York Project (SDG) No.

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Matrix

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Brooklyn Waterfront

Soil

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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/28/2020 09:30	07/28/2020 17:00	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/28/2020 09:30	07/28/2020 17:00	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/28/2020 09:30	07/28/2020 17:00	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/28/2020 09:30	07/28/2020 17:00	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/28/2020 09:30	07/28/2020 17:00	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/28/2020 09:30	07/28/2020 17:00	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/28/2020 09:30	07/28/2020 17:00	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/28/2020 09:30	07/28/2020 17:00	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	105 %			77-125						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	94.6 %			76-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	98.6 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	92.7	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	92.7	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH



Sample Information

Client Sample ID: SB-6 (Comp)

York Sample ID: 20G0940-02

York Project (SDG) No.

Client Project ID

Matrix

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Brooklyn Waterfront

Soil

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07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.7	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.7	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.7	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.7	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH



Sample Information

Client Sample ID: SB-6 (Comp)

York Sample ID: 20G0940-02

York Project (SDG) No.

Client Project ID

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Brooklyn Waterfront

Soil

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.7	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.7	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
83-32-9	Acenaphthene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
98-86-2	Acetophenone	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
62-53-3	Aniline	ND		ug/kg dry	186	371	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
120-12-7	Anthracene	92.7		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
1912-24-9	Atrazine	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
92-87-5	Benzidine	ND		ug/kg dry	186	371	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
56-55-3	Benzo(a)anthracene	408		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
50-32-8	Benzo(a)pyrene	423		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
205-99-2	Benzo(b)fluoranthene	398		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
191-24-2	Benzo(g,h,i)perylene	269		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
207-08-9	Benzo(k)fluoranthene	360		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
65-85-0	Benzoic acid	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH



Sample Information

Client Sample ID: SB-6 (Comp)

York Sample ID: 20G0940-02

York Project (SDG) No.

Client Project ID

Matrix

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Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

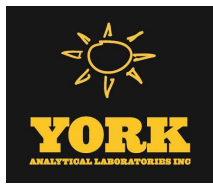
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		ug/kg dry	92.7	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
86-74-8	Carbazole	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
218-01-9	Chrysene	400		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
53-70-3	Dibenzo(a,h)anthracene	96.4		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	92.7	185	2	EPA 8270D Certifications:	07/30/2020 05:59	07/30/2020 19:27	KH
206-44-0	Fluoranthene	737		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
86-73-7	Fluorene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
193-39-5	Indeno(1,2,3-cd)pyrene	251		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
78-59-1	Isophorone	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
91-20-3	Naphthalene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH



Sample Information

Client Sample ID: SB-6 (Comp)

York Sample ID: 20G0940-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
85-01-8	Phenanthrene	380		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
108-95-2	Phenol	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
129-00-0	Pyrene	635		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:27	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	58.8 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	68.1 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	79.4 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	58.6 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	90.3 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	72.6 %			24-116						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/28/2020 15:08	07/29/2020 16:46	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:46	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:46	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:46	OW
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:46	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:46	OW
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/28/2020 15:08	07/29/2020 16:46	OW
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:46	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:46	OW
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:46	OW



Sample Information

Client Sample ID: SB-6 (Comp)

York Sample ID: 20G0940-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:46	OW
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:46	OW
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/29/2020 16:46	OW
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	57.3 %			10-90.9						
4165-62-2	Surrogate: SURRE: Phenol-d5	41.5 %			10-69.2						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	94.6 %			19.2-141						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	68.3 %			24.8-127						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	105 %			23-163						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	98.4 %			25.8-110						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
309-00-2	Aldrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 06:10	07/31/2020 07:37	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM



Sample Information

Client Sample ID: SB-6 (Comp)

York Sample ID: 20G0940-02

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/30/2020 06:10	07/31/2020 07:37	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
72-20-8	Endrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 06:10	07/31/2020 07:37	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.26	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
8001-35-2	Toxaphene	ND		ug/kg dry	93.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	102 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	39.0 %	30-150

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 03:36	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 03:36	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 03:36	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 03:36	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 03:36	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 03:36	CM



Sample Information

Client Sample ID: SB-6 (Comp)

York Sample ID: 20G0940-02

York Project (SDG) No.

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Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311	07/28/2020 15:03	07/30/2020 03:36	CM
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP		
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	168 %	S-GC		30-120						
877-09-8	Surrogate: Tetrachloro-m-xylene	87.3 %			30-120						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0187	1	EPA 8082A	07/30/2020 06:10	07/30/2020 17:10	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A	07/30/2020 06:10	07/30/2020 17:10	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A	07/30/2020 06:10	07/30/2020 17:10	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A	07/30/2020 06:10	07/30/2020 17:10	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A	07/30/2020 06:10	07/30/2020 17:10	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A	07/30/2020 06:10	07/30/2020 17:10	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A	07/30/2020 06:10	07/30/2020 17:10	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0187	1	EPA 8082A	07/30/2020 06:10	07/30/2020 17:10	BJ	
									Certifications: NELAC-NY10854,NJDEP,PADEP		
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0187	1	EPA 8082A	07/30/2020 06:10	07/30/2020 17:10	BJ	
									Certifications: NELAC-NY10854,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A	07/30/2020 06:10	07/30/2020 17:10	BJ	
									Certifications:		
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	46.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	51.0 %			30-140						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	22.3	1	EPA 8151A	08/03/2020 07:59	08/03/2020 14:07	CM
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	



Sample Information

Client Sample ID: SB-6 (Comp)

York Sample ID: 20G0940-02

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.3	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 07:59	08/03/2020 14:07	CM
94-75-7	2,4-D	ND		ug/kg dry	22.3	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 07:59	08/03/2020 14:07	CM
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	1.00 %	S-DUP		21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 11:54	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 11:54	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	68.6 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	54.9	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/27/2020 05:58	07/28/2020 16:38	SGM
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	60.1 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	61.6 %			28.7-124					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7420		mg/kg dry	5.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML
7440-36-0	Antimony	ND		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML
7440-38-2	Arsenic	2.92		mg/kg dry	1.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML
7440-39-3	Barium	81.1		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML



Sample Information

Client Sample ID: SB-6 (Comp)

York Sample ID: 20G0940-02

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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.339	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML
7440-70-2	Calcium	2640		mg/kg dry	5.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML
7440-47-3	Chromium	15.2		mg/kg dry	0.565	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML
7440-48-4	Cobalt	7.20		mg/kg dry	0.452	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML
7440-50-8	Copper	50.8	B	mg/kg dry	2.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML
7439-89-6	Iron	14400		mg/kg dry	28.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML
7439-92-1	Lead	179		mg/kg dry	0.565	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML
7439-95-4	Magnesium	2160		mg/kg dry	5.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML
7439-96-5	Manganese	242		mg/kg dry	0.565	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML
7440-02-0	Nickel	21.1		mg/kg dry	1.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML
7440-09-7	Potassium	1110		mg/kg dry	5.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML
7440-22-4	Silver	ND		mg/kg dry	0.565	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML
7440-23-5	Sodium	386		mg/kg dry	56.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML
7440-62-2	Vanadium	18.8		mg/kg dry	1.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML
7440-66-6	Zinc	134		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:22	KML

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:26	KML
7440-39-3	Barium	0.984		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:26	KML



Sample Information

Client Sample ID: SB-6 (Comp)

York Sample ID: 20G0940-02

York Project (SDG) No.

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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:26	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:26	KML
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:26	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:26	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:26	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.588		mg/kg dry	0.0339	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/27/2020 15:16	07/27/2020 22:39	MAO

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/28/2020 14:06	07/28/2020 17:01	SY

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.565	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/28/2020 08:28	07/28/2020 17:07	WJM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.38		HT-04 pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	08/28/2020 20:24	08/29/2020 21:50	ZTS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-6 (Comp)

York Sample ID: 20G0940-02

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Brooklyn Waterfront

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Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.565	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/27/2020 08:37	07/27/2020 14:27	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.07		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/28/2020 11:41	07/28/2020 15:19	WJM

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/27/2020 14:31	07/27/2020 14:32	MAO

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/27/2020 14:31	07/27/2020 14:32	MAO

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	23.2	HT-04	°C	1.00	1	EPA 170.1 Certifications:	08/28/2020 20:24	08/29/2020 21:50	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.	HT-04	None	1	1	EPA 1030P Certifications:	08/29/2020 19:28	08/29/2020 22:00	MAO

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	270	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/28/2020 11:47	07/28/2020 15:22	WJM



Sample Information

Client Sample ID: SB-6 (Comp)

York Sample ID: 20G0940-02

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Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, * % Solids, 88.5, %, 0.100, 1, SM 2540G, 07/27/2020 08:07, 07/27/2020 17:12, WJM. Certifications: CTDOH

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/27/2020 15:27, 07/28/2020 12:51, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/27/2020 15:21, 07/28/2020 12:47, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, ND, N/A, 1.00, 1, EPA 1311, 07/27/2020 15:53, 07/28/2020 11:32, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

Sample Information

Client Sample ID: SB-7 (Comp)

York Sample ID: 20G0940-03

York Project (SDG) No.

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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows 1-3: 75-35-4, 107-06-2, 106-46-7. All results are ND. Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:



Sample Information

Client Sample ID: SB-7 (Comp)

York Sample ID: 20G0940-03

York Project (SDG) No.

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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 17:25	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 17:25	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 17:25	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 17:25	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 17:25	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 17:25	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 17:25	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/28/2020 09:30	07/28/2020 17:25	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	104 %			77-125						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	95.1 %			76-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	98.0 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH



Sample Information

Client Sample ID: SB-7 (Comp)

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH



Sample Information

Client Sample ID: SB-7 (Comp)

York Sample ID: 20G0940-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
62-53-3	Aniline	ND		ug/kg dry	183	365	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
120-12-7	Anthracene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
92-87-5	Benzidine	ND		ug/kg dry	183	365	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
65-85-0	Benzoic acid	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH



Sample Information

Client Sample ID: SB-7 (Comp)

York Sample ID: 20G0940-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
105-60-2	Caprolactam	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
86-74-8	Carbazole	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
218-01-9	Chrysene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications:	07/30/2020 05:59	07/30/2020 19:57	KH
206-44-0	Fluoranthene	54.0	J	ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
86-73-7	Fluorene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
78-59-1	Isophorone	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH



Sample Information

Client Sample ID: SB-7 (Comp)

York Sample ID: 20G0940-03

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
85-01-8	Phenanthrene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
108-95-2	Phenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH
129-00-0	Pyrene	48.1	J	ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 19:57	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURR: 2-Fluorophenol	53.5 %			20-108
4165-62-2	Surrogate: SURR: Phenol-d5	61.3 %			23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	69.0 %			22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	51.2 %			21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	77.5 %			19-110
1718-51-0	Surrogate: SURR: Terphenyl-d14	70.2 %			24-116

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/28/2020 15:08	07/30/2020 13:51	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 13:51	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 13:51	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 13:51	OW
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 13:51	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 13:51	OW
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/28/2020 15:08	07/30/2020 13:51	OW
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 13:51	OW



Sample Information

Client Sample ID: SB-7 (Comp)

York Sample ID: 20G0940-03

York Project (SDG) No.

Client Project ID

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20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 13:51	OW
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 13:51	OW
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 13:51	OW
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 13:51	OW
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 13:51	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	57.2 %			10-90.9						
4165-62-2	Surrogate: SURRE: Phenol-d5	40.2 %			10-69.2						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	94.8 %			19.2-141						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	68.9 %			24.8-127						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	110 %			23-163						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	105 %			25.8-110						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:20	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:20	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:20	CM
309-00-2	Aldrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:20	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:20	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 06:10	07/31/2020 07:20	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:20	CM
57-74-9	Chlordane, total	ND		ug/kg dry	36.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:20	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:20	CM



Sample Information

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:20	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:20	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/30/2020 06:10	07/31/2020 07:20	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:20	CM
72-20-8	Endrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:20	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:20	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:20	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:20	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 06:10	07/31/2020 07:20	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:20	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:20	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:20	CM
8001-35-2	Toxaphene	ND		ug/kg dry	92.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:20	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	126 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	74.6 %	30-150							

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 03:53	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 03:53	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 03:53	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 03:53	CM



Sample Information

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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 03:53	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 03:53	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 03:53	CM
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	134 %	S-GC		30-120						
877-09-8	Surrogate: Tetrachloro-m-xylene	77.7 %			30-120						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 17:23	BJ	
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 17:23	BJ	
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 17:23	BJ	
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 17:23	BJ	
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 17:23	BJ	
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 17:23	BJ	
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 17:23	BJ	
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 17:23	BJ	
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 17:23	BJ	
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	07/30/2020 06:10	07/30/2020 17:23	BJ	
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	63.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	70.0 %			30-140						



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Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.6	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 07:59	08/03/2020 14:18	CM
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.6	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 07:59	08/03/2020 14:18	CM
94-75-7	2,4-D	ND		ug/kg dry	21.6	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 07:59	08/03/2020 14:18	CM
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	0.600 %	S-DUP		21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 12:05	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 12:05	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	56.6 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	51.5	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/27/2020 05:58	07/28/2020 17:07	SGM
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	59.8 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	62.6 %			28.7-124					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6010		mg/kg dry	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML
7440-36-0	Antimony	ND		mg/kg dry	2.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML



Sample Information

Client Sample ID: SB-7 (Comp)

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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML
7440-39-3	Barium	27.7		mg/kg dry	2.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.334	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML
7440-70-2	Calcium	1040		mg/kg dry	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML
7440-47-3	Chromium	11.6		mg/kg dry	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML
7440-48-4	Cobalt	5.39		mg/kg dry	0.445	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML
7440-50-8	Copper	17.7	B	mg/kg dry	2.22	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML
7439-89-6	Iron	11300		mg/kg dry	27.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML
7439-92-1	Lead	81.8		mg/kg dry	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML
7439-95-4	Magnesium	1990		mg/kg dry	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML
7439-96-5	Manganese	165		mg/kg dry	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML
7440-02-0	Nickel	16.4		mg/kg dry	1.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML
7440-09-7	Potassium	747		mg/kg dry	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML
7782-49-2	Selenium	ND		mg/kg dry	2.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML
7440-22-4	Silver	ND		mg/kg dry	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML
7440-23-5	Sodium	565		mg/kg dry	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML
7440-28-0	Thallium	ND		mg/kg dry	2.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML
7440-62-2	Vanadium	15.3		mg/kg dry	1.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML
7440-66-6	Zinc	152		mg/kg dry	2.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:30	KML

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:29	KML
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:29	KML
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:29	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:29	KML
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:29	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:29	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:29	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0685		mg/kg dry	0.0334	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/27/2020 15:16	07/27/2020 22:48	MAO

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/28/2020 14:06	07/28/2020 17:11	SY

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.556	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/28/2020 08:28	07/28/2020 17:07	WJM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.97	HT-04	pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	08/28/2020 20:24	08/29/2020 21:50	ZTS



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Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.556	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/27/2020 08:37	07/27/2020 14:27	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.34		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/28/2020 11:41	07/28/2020 15:19	WJM

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/27/2020 14:31	07/27/2020 14:32	MAO

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/27/2020 14:31	07/27/2020 14:32	MAO

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	23.0	HT-04	°C	1.00	1	EPA 170.1 Certifications:	08/28/2020 20:24	08/29/2020 21:50	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.	HT-04	None	1	1	EPA 1030P Certifications:	08/29/2020 19:28	08/29/2020 22:00	MAO

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	260	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/28/2020 11:47	07/28/2020 15:22	WJM



Sample Information

Client Sample ID: SB-7 (Comp)

York Sample ID: 20G0940-03

York Project (SDG) No. 20G0940 Client Project ID Brooklyn Waterfront Matrix Soil Collection Date/Time July 24, 2020 12:00 am Date Received 07/24/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, * % Solids, 89.9, %, 0.100, 1, SM 2540G, 07/27/2020 08:07, 07/27/2020 17:12, WJM. Certifications: CTDOH

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/27/2020 15:27, 07/28/2020 12:51, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/27/2020 15:21, 07/28/2020 12:47, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, ND, N/A, 1.00, 1, EPA 1311, 07/27/2020 15:53, 07/28/2020 11:32, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

Sample Information

Client Sample ID: SB-8 (Comp)

York Sample ID: 20G0940-04

York Project (SDG) No. 20G0940 Client Project ID Brooklyn Waterfront Matrix Soil Collection Date/Time July 24, 2020 12:00 am Date Received 07/24/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows 1-3: 75-35-4 (1,1-Dichloroethylene), 107-06-2 (1,2-Dichloroethane), 106-46-7 (1,4-Dichlorobenzene). All results are ND. Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:



Sample Information

Client Sample ID: SB-8 (Comp)

York Sample ID: 20G0940-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 13:01	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 13:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 13:01	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 13:01	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 13:01	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 13:01	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 13:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 13:01	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %			77-125						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	93.7 %			76-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	100 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	149	298	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	149	298	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH



Sample Information

Client Sample ID: SB-8 (Comp)

York Sample ID: 20G0940-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH



Sample Information

Client Sample ID: SB-8 (Comp)

York Sample ID: 20G0940-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	149	298	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
83-32-9	Acenaphthene	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
98-86-2	Acetophenone	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
62-53-3	Aniline	ND		ug/kg dry	299	598	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
120-12-7	Anthracene	146	J	ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
1912-24-9	Atrazine	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
92-87-5	Benzidine	ND		ug/kg dry	299	598	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
56-55-3	Benzo(a)anthracene	370		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
50-32-8	Benzo(a)pyrene	323		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
205-99-2	Benzo(b)fluoranthene	269		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
191-24-2	Benzo(g,h,i)perylene	181		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
207-08-9	Benzo(k)fluoranthene	252		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
65-85-0	Benzoic acid	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH



Sample Information

Client Sample ID: SB-8 (Comp)

York Sample ID: 20G0940-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

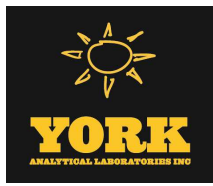
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		ug/kg dry	149	298	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
86-74-8	Carbazole	84.7	J	ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
218-01-9	Chrysene	345		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	149	298	2	EPA 8270D Certifications:	07/30/2020 05:59	07/30/2020 20:26	KH
206-44-0	Fluoranthene	809		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
86-73-7	Fluorene	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
193-39-5	Indeno(1,2,3-cd)pyrene	172		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
78-59-1	Isophorone	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
91-20-3	Naphthalene	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH



Sample Information

Client Sample ID: SB-8 (Comp)

York Sample ID: 20G0940-04

York Project (SDG) No.
20G0940

Client Project ID
Brooklyn Waterfront

Matrix
Soil

Collection Date/Time
July 24, 2020 12:00 am

Date Received
07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
85-01-8	Phenanthrene	637		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
108-95-2	Phenol	ND		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
129-00-0	Pyrene	648		ug/kg dry	74.8	149	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:26	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	56.4 %			20-108						
4165-62-2	Surrogate: SURRE: Phenol-d5	63.2 %			23-114						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	70.6 %			22-108						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	56.6 %			21-113						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	84.7 %			19-110						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	81.2 %			24-116						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/28/2020 15:08	07/30/2020 15:24	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 15:24	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 15:24	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 15:24	OW
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 15:24	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 15:24	OW
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/28/2020 15:08	07/30/2020 15:24	OW
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 15:24	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 15:24	OW
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 15:24	OW



Sample Information

Client Sample ID: SB-8 (Comp)

York Sample ID: 20G0940-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 15:24	OW
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 15:24	OW
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:08	07/30/2020 15:24	OW
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	60.5 %			10-90.9						
4165-62-2	Surrogate: SURR: Phenol-d5	44.6 %			10-69.2						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	98.5 %			19.2-141						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	71.7 %			24.8-127						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	107 %			23-163						
1718-51-0	Surrogate: SURR: Terphenyl-d14	98.4 %			25.8-110						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:01	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:01	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	2.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:01	CM
309-00-2	Aldrin	ND		ug/kg dry	2.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:01	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:01	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.95	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 06:10	07/31/2020 07:01	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:01	CM
57-74-9	Chlordane, total	ND		ug/kg dry	59.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:01	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:01	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:01	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:01	CM



Sample Information

Client Sample ID: SB-8 (Comp)

York Sample ID: 20G0940-04

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	2.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/30/2020 06:10	07/31/2020 07:01	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:01	CM
72-20-8	Endrin	ND		ug/kg dry	2.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:01	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:01	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:01	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:01	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.95	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 06:10	07/31/2020 07:01	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:01	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:01	CM
72-43-5	Methoxychlor	ND		ug/kg dry	14.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:01	CM
8001-35-2	Toxaphene	ND		ug/kg dry	149	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:01	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	125 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	115 %	30-150

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 04:10	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 04:10	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 04:10	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 04:10	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 04:10	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 15:03	07/30/2020 04:10	CM



Sample Information

Client Sample ID: SB-8 (Comp)

York Sample ID: 20G0940-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311	07/28/2020 15:03	07/30/2020 04:10	CM
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP		
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	151 %	S-GC		30-120						
877-09-8	Surrogate: Tetrachloro-m-xylene	75.9 %			30-120						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0298	1	EPA 8082A	07/30/2020 06:10	07/30/2020 17:51	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0298	1	EPA 8082A	07/30/2020 06:10	07/30/2020 17:51	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0298	1	EPA 8082A	07/30/2020 06:10	07/30/2020 17:51	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0298	1	EPA 8082A	07/30/2020 06:10	07/30/2020 17:51	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0298	1	EPA 8082A	07/30/2020 06:10	07/30/2020 17:51	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0298	1	EPA 8082A	07/30/2020 06:10	07/30/2020 17:51	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0298	1	EPA 8082A	07/30/2020 06:10	07/30/2020 17:51	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0298	1	EPA 8082A	07/30/2020 06:10	07/30/2020 17:51	BJ	
									Certifications: NELAC-NY10854,NJDEP,PADEP		
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0298	1	EPA 8082A	07/30/2020 06:10	07/30/2020 17:51	BJ	
									Certifications: NELAC-NY10854,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0298	1	EPA 8082A	07/30/2020 06:10	07/30/2020 17:51	BJ	
									Certifications:		
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	77.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	89.5 %			30-140						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	23.8	1	EPA 8151A	08/03/2020 07:59	08/03/2020 14:29	CM
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	



Sample Information

Client Sample ID: SB-8 (Comp)

York Sample ID: 20G0940-04

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	23.8	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 07:59	08/03/2020 14:29	CM
94-75-7	2,4-D	ND		ug/kg dry	23.8	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 07:59	08/03/2020 14:29	CM
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	0.600 %	S-DUP		21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 12:16	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 12:16	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	66.4 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	58.2	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/27/2020 05:58	07/28/2020 17:36	SGM
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	63.1 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	66.2 %			28.7-124					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9810		mg/kg dry	6.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML
7440-36-0	Antimony	ND		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML
7440-38-2	Arsenic	3.20		mg/kg dry	1.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML
7440-39-3	Barium	154		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML



Sample Information

Client Sample ID: SB-8 (Comp)

York Sample ID: 20G0940-04

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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.061	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML
7440-43-9	Cadmium	1.49		mg/kg dry	0.363	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML
7440-70-2	Calcium	2340		mg/kg dry	6.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML
7440-47-3	Chromium	28.4		mg/kg dry	0.606	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML
7440-48-4	Cobalt	10.4		mg/kg dry	0.485	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML
7440-50-8	Copper	39.0	B	mg/kg dry	2.42	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML
7439-89-6	Iron	16300		mg/kg dry	30.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML
7439-92-1	Lead	164		mg/kg dry	0.606	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML
7439-95-4	Magnesium	3900		mg/kg dry	6.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML
7439-96-5	Manganese	159		mg/kg dry	0.606	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML
7440-02-0	Nickel	52.1		mg/kg dry	1.21	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML
7440-09-7	Potassium	1100		mg/kg dry	6.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML
7782-49-2	Selenium	ND		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML
7440-22-4	Silver	ND		mg/kg dry	0.606	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML
7440-23-5	Sodium	443		mg/kg dry	60.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML
7440-28-0	Thallium	ND		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML
7440-62-2	Vanadium	29.3		mg/kg dry	1.21	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML
7440-66-6	Zinc	183		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:33	KML

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:32	KML
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:32	KML



Sample Information

Client Sample ID: SB-8 (Comp)

York Sample ID: 20G0940-04

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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:32	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:32	KML
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:32	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:32	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 14:09	07/28/2020 16:32	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.128		mg/kg dry	0.0363	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/27/2020 15:16	07/27/2020 22:57	MAO

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/28/2020 14:06	07/28/2020 17:22	SY

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.606	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/28/2020 08:28	07/28/2020 17:07	WJM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	7.91		HT-04 pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	08/28/2020 20:24	08/29/2020 21:50	ZTS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-8 (Comp)

York Sample ID: 20G0940-04

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Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.606	1	EPA 9014/9010C	07/27/2020 08:37	07/27/2020 14:27	JAG
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP										

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.54		pH units	0.500	1	EPA 9045D	07/28/2020 11:41	07/28/2020 15:19	WJM
Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP										

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	07/27/2020 14:31	07/27/2020 14:32	MAO
Certifications: CTDOH,PADEP										

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	07/27/2020 14:31	07/27/2020 14:32	MAO
Certifications: CTDOH,PADEP										

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.9	HT-04	°C	1.00	1	EPA 170.1	08/28/2020 20:24	08/29/2020 21:50	ZTS
Certifications:										

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.	HT-04	None	1	1	EPA 1030P	08/29/2020 19:28	08/29/2020 22:00	MAO
Certifications:										

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	290	HT-01	mV	-200	1	ASTM 1498-08 M	07/28/2020 11:47	07/28/2020 15:22	WJM
Certifications:										



Sample Information

Client Sample ID: SB-8 (Comp)

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Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, * % Solids, 82.6, %, 0.100, 1, SM 2540G, 07/27/2020 08:07, 07/27/2020 17:12, WJM. Certifications: CTDOH

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/27/2020 15:27, 07/28/2020 12:51, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/27/2020 15:21, 07/28/2020 12:47, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/28/2020 15:05, 07/29/2020 12:12, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

Sample Information

Client Sample ID: SB-9 (Comp)

York Sample ID: 20G0940-05

York Project (SDG) No.

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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows 1-3: 75-35-4 (1,1-Dichloroethylene), 107-06-2 (1,2-Dichloroethane), 106-46-7 (1,4-Dichlorobenzene). All results are ND. Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1



Sample Information

Client Sample ID: SB-9 (Comp)

York Sample ID: 20G0940-05

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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 13:26	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 13:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 13:26	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 13:26	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 13:26	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 13:26	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 13:26	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 13:26	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	104 %			77-125						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	95.0 %			76-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	99.1 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	94.4	188	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	94.4	188	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH



Sample Information

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	94.4	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	94.4	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.4	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	94.4	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH



Sample Information

Client Sample ID: SB-9 (Comp)

York Sample ID: 20G0940-05

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.4	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	94.4	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
83-32-9	Acenaphthene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
208-96-8	Acenaphthylene	50.5	J	ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
98-86-2	Acetophenone	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
62-53-3	Aniline	ND		ug/kg dry	189	378	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
120-12-7	Anthracene	120		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
1912-24-9	Atrazine	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
92-87-5	Benzidine	ND		ug/kg dry	189	378	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
56-55-3	Benzo(a)anthracene	465		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
50-32-8	Benzo(a)pyrene	480		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
205-99-2	Benzo(b)fluoranthene	389		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
191-24-2	Benzo(g,h,i)perylene	302		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
207-08-9	Benzo(k)fluoranthene	364		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
65-85-0	Benzoic acid	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH



Sample Information

Client Sample ID: SB-9 (Comp)

York Sample ID: 20G0940-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		ug/kg dry	94.4	188	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
86-74-8	Carbazole	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
218-01-9	Chrysene	434		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
53-70-3	Dibenzo(a,h)anthracene	102		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	94.4	188	2	EPA 8270D Certifications:	07/30/2020 05:59	07/30/2020 20:55	KH
206-44-0	Fluoranthene	833		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
86-73-7	Fluorene	64.1	J	ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
193-39-5	Indeno(1,2,3-cd)pyrene	253		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
78-59-1	Isophorone	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
91-20-3	Naphthalene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH



Sample Information

Client Sample ID: SB-9 (Comp)

York Sample ID: 20G0940-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
85-01-8	Phenanthrene	420		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
108-95-2	Phenol	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
129-00-0	Pyrene	759		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 20:55	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	48.9 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	57.0 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	66.4 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	49.8 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	73.7 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	68.3 %			24-116						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/29/2020 14:44	07/30/2020 15:55	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 15:55	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 15:55	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 15:55	OW
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 15:55	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 15:55	OW
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/29/2020 14:44	07/30/2020 15:55	OW
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 15:55	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 15:55	OW
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 15:55	OW



Sample Information

Client Sample ID: SB-9 (Comp)

York Sample ID: 20G0940-05

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 15:55	OW
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 15:55	OW
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 15:55	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	50.4 %			10-90.9						
4165-62-2	Surrogate: SURR: Phenol-d5	36.3 %			10-69.2						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	81.4 %			19.2-141						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	60.1 %			24.8-127						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	93.6 %			23-163						
1718-51-0	Surrogate: SURR: Terphenyl-d14	77.6 %			25.8-110						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:19	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:19	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:19	CM
309-00-2	Aldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:19	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:19	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 06:10	07/31/2020 07:19	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:19	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:19	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:19	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:19	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:19	CM



Sample Information

Client Sample ID: SB-9 (Comp)

York Sample ID: 20G0940-05

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/30/2020 06:10	07/31/2020 07:19	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:19	CM
72-20-8	Endrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:19	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:19	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:19	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:19	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 06:10	07/31/2020 07:19	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:19	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:19	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.40	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:19	CM
8001-35-2	Toxaphene	ND		ug/kg dry	95.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:19	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	94.3 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	92.6 %	30-150

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 15:29	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 15:29	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 15:29	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 15:29	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 15:29	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 15:29	CM



Sample Information

Client Sample ID: SB-9 (Comp)

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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311	07/29/2020 14:51	07/30/2020 15:29	CM
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP		
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	106 %			30-120						
877-09-8	Surrogate: Tetrachloro-m-xylene	97.3 %			30-120						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	1	EPA 8082A	07/30/2020 06:10	07/30/2020 18:04	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	1	EPA 8082A	07/30/2020 06:10	07/30/2020 18:04	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	1	EPA 8082A	07/30/2020 06:10	07/30/2020 18:04	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	1	EPA 8082A	07/30/2020 06:10	07/30/2020 18:04	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	1	EPA 8082A	07/30/2020 06:10	07/30/2020 18:04	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	1	EPA 8082A	07/30/2020 06:10	07/30/2020 18:04	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	1	EPA 8082A	07/30/2020 06:10	07/30/2020 18:04	BJ	
									Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP		
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0190	1	EPA 8082A	07/30/2020 06:10	07/30/2020 18:04	BJ	
									Certifications: NELAC-NY10854,NJDEP,PADEP		
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0190	1	EPA 8082A	07/30/2020 06:10	07/30/2020 18:04	BJ	
									Certifications: NELAC-NY10854,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	1	EPA 8082A	07/30/2020 06:10	07/30/2020 18:04	BJ	
									Certifications:		
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	62.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	66.5 %			30-140						

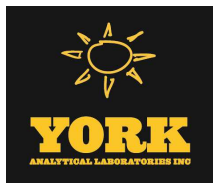
Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	22.7	1	EPA 8151A	08/03/2020 07:59	08/03/2020 14:40	CM
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	



Sample Information

Client Sample ID: SB-9 (Comp)

York Sample ID: 20G0940-05

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 07:59	08/03/2020 14:40	CM
94-75-7	2,4-D	ND		ug/kg dry	22.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 07:59	08/03/2020 14:40	CM
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	0.600 %	S-DUP		21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 12:27	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 12:27	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	64.6 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	54.6	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/27/2020 05:58	07/28/2020 18:06	SGM
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	58.7 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	60.6 %			28.7-124					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5410		mg/kg dry	5.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML
7440-36-0	Antimony	ND		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML
7440-38-2	Arsenic	5.14		mg/kg dry	1.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML
7440-39-3	Barium	224		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML



Sample Information

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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML
7440-43-9	Cadmium	0.413		mg/kg dry	0.344	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML
7440-70-2	Calcium	6050		mg/kg dry	5.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML
7440-47-3	Chromium	13.9		mg/kg dry	0.573	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML
7440-48-4	Cobalt	5.78		mg/kg dry	0.459	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML
7440-50-8	Copper	85.3	B	mg/kg dry	2.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML
7439-89-6	Iron	17600		mg/kg dry	28.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML
7439-92-1	Lead	806		mg/kg dry	0.573	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML
7439-95-4	Magnesium	2040		mg/kg dry	5.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML
7439-96-5	Manganese	207		mg/kg dry	0.573	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML
7440-02-0	Nickel	16.3		mg/kg dry	1.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML
7440-09-7	Potassium	907		mg/kg dry	5.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML
7782-49-2	Selenium	ND		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML
7440-22-4	Silver	ND		mg/kg dry	0.573	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML
7440-23-5	Sodium	337		mg/kg dry	57.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML
7440-28-0	Thallium	ND		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML
7440-62-2	Vanadium	19.4		mg/kg dry	1.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML
7440-66-6	Zinc	310		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:35	KML

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 11:47	KML
7440-39-3	Barium	1.16		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 11:47	KML



Sample Information

Client Sample ID: SB-9 (Comp)

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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 11:47	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 11:47	KML
7439-92-1	Lead	3.94		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 11:47	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 11:47	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 11:47	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.12		mg/kg dry	0.0344	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/27/2020 15:16	07/27/2020 23:06	MAO

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/29/2020 13:43	07/29/2020 17:26	MAO

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.573	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/28/2020 08:28	07/28/2020 17:07	WJM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.03		HT-04 pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	08/28/2020 20:24	08/29/2020 21:50	ZTS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-9 (Comp)

York Sample ID: 20G0940-05

York Project (SDG) No.

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Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	0.590		mg/kg dry	0.573	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/27/2020 08:37	07/27/2020 14:27	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.35		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/28/2020 11:41	07/28/2020 15:19	WJM

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND	HT-04	mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	08/30/2020 11:22	08/30/2020 20:32	MAO

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND	HT-04	mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	08/30/2020 11:25	08/30/2020 20:31	MAO

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	23.0	HT-04	°C	1.00	1	EPA 170.1 Certifications:	08/28/2020 20:24	08/29/2020 21:50	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.	HT-04	None	1	1	EPA 1030P Certifications:	08/29/2020 19:28	08/29/2020 22:00	MAO

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	280	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/28/2020 11:47	07/28/2020 15:22	WJM



Sample Information

Client Sample ID: SB-9 (Comp)

York Sample ID: 20G0940-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

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Brooklyn Waterfront

Soil

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Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.2		%	0.100	1	SM 2540G Certifications: CTDOH	07/27/2020 08:07	07/27/2020 17:12	WJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/28/2020 17:30	07/29/2020 13:35	TAJ

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/28/2020 17:30	07/29/2020 13:39	TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/28/2020 15:05	07/29/2020 12:12	TAJ

Sample Information

Client Sample ID: SB-10 (Comp)

York Sample ID: 20G0940-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

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Brooklyn Waterfront

Soil

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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 13:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 13:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 13:51	SS



Sample Information

Client Sample ID: SB-10 (Comp)

York Sample ID: 20G0940-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/29/2020 09:30	07/29/2020 13:51	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/29/2020 09:30	07/29/2020 13:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/29/2020 09:30	07/29/2020 13:51	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/29/2020 09:30	07/29/2020 13:51	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/29/2020 09:30	07/29/2020 13:51	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/29/2020 09:30	07/29/2020 13:51	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/29/2020 09:30	07/29/2020 13:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/29/2020 09:30	07/29/2020 13:51	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	104 %			77-125						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	95.5 %			76-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	98.6 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	95.7	191	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	95.7	191	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH



Sample Information

Client Sample ID: SB-10 (Comp)

York Sample ID: 20G0940-06

York Project (SDG) No.

Client Project ID

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	95.7	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.7	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.7	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	95.7	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH



Sample Information

Client Sample ID: SB-10 (Comp)

York Sample ID: 20G0940-06

York Project (SDG) No.

Client Project ID

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.7	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.7	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
83-32-9	Acenaphthene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
98-86-2	Acetophenone	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
62-53-3	Aniline	ND		ug/kg dry	192	383	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
120-12-7	Anthracene	249		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
1912-24-9	Atrazine	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
92-87-5	Benzidine	ND		ug/kg dry	192	383	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
56-55-3	Benzo(a)anthracene	912		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
50-32-8	Benzo(a)pyrene	793		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
205-99-2	Benzo(b)fluoranthene	705		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
191-24-2	Benzo(g,h,i)perylene	459		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
207-08-9	Benzo(k)fluoranthene	669		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
65-85-0	Benzoic acid	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH



Sample Information

Client Sample ID: SB-10 (Comp)

York Sample ID: 20G0940-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		ug/kg dry	95.7	191	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
86-74-8	Carbazole	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
218-01-9	Chrysene	814		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
53-70-3	Dibenzo(a,h)anthracene	176		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	95.7	191	2	EPA 8270D Certifications:	07/30/2020 05:59	07/30/2020 21:24	KH
206-44-0	Fluoranthene	1810		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
86-73-7	Fluorene	51.2	J	ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
193-39-5	Indeno(1,2,3-cd)pyrene	462		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
78-59-1	Isophorone	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
91-20-3	Naphthalene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH



Sample Information

Client Sample ID: SB-10 (Comp)

York Sample ID: 20G0940-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
85-01-8	Phenanthrene	846		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
108-95-2	Phenol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
129-00-0	Pyrene	1530		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:24	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	73.3 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	83.3 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	96.6 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	66.4 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	78.6 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	74.8 %			24-116						

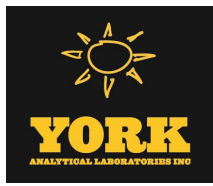
Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/29/2020 14:44	07/30/2020 16:26	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:26	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:26	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:26	OW
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:26	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:26	OW
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/29/2020 14:44	07/30/2020 16:26	OW
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:26	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:26	OW
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:26	OW



Sample Information

Client Sample ID: SB-10 (Comp)

York Sample ID: 20G0940-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:26	OW
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:26	OW
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:26	OW
	Surrogate Recoveries	Result						Acceptance Range			
367-12-4	Surrogate: SURR: 2-Fluorophenol	45.1 %						10-90.9			
4165-62-2	Surrogate: SURR: Phenol-d5	30.9 %						10-69.2			
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	76.9 %						19.2-141			
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	55.8 %						24.8-127			
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	89.7 %						23-163			
1718-51-0	Surrogate: SURR: Terphenyl-d14	92.7 %						25.8-110			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
309-00-2	Aldrin	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 06:10	07/31/2020 07:37	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
57-74-9	Chlordane, total	ND		ug/kg dry	38.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM



Sample Information

Client Sample ID: SB-10 (Comp)

York Sample ID: 20G0940-06

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/30/2020 06:10	07/31/2020 07:37	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
72-20-8	Endrin	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 06:10	07/31/2020 07:37	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM
8001-35-2	Toxaphene	ND		ug/kg dry	96.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:37	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	63.5 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	64.7 %	30-150

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 15:47	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 15:47	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 15:47	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 15:47	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 15:47	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 15:47	CM



Sample Information

Client Sample ID: SB-10 (Comp)

York Sample ID: 20G0940-06

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 15:47	CM
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	125 %	S-GC		30-120						
877-09-8	Surrogate: Tetrachloro-m-xylene	115 %			30-120						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:18	BJ	
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:18	BJ	
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:18	BJ	
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:18	BJ	
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:18	BJ	
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:18	BJ	
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:18	BJ	
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:18	BJ	
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:18	BJ	
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications:	07/30/2020 06:10	07/30/2020 18:18	BJ	
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	42.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	43.0 %			30-140						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	22.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 07:59	08/03/2020 14:50	CM



Sample Information

Client Sample ID: SB-10 (Comp)

York Sample ID: 20G0940-06

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 07:59	08/03/2020 14:50	CM
94-75-7	2,4-D	ND		ug/kg dry	22.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 07:59	08/03/2020 14:50	CM
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	0.600 %	S-DUP		21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 12:37	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 12:37	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	68.6 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	53.6	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/27/2020 05:58	07/28/2020 18:35	SGM
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	61.7 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	64.8 %			28.7-124					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4910		mg/kg dry	5.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML
7440-36-0	Antimony	ND		mg/kg dry	2.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML
7440-38-2	Arsenic	4.76		mg/kg dry	1.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML
7440-39-3	Barium	37.5		mg/kg dry	2.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML



Sample Information

Client Sample ID: SB-10 (Comp)

York Sample ID: 20G0940-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.348	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML
7440-70-2	Calcium	2810		mg/kg dry	5.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML
7440-47-3	Chromium	10.4		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML
7440-48-4	Cobalt	5.58		mg/kg dry	0.463	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML
7440-50-8	Copper	22.3	B	mg/kg dry	2.32	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML
7439-89-6	Iron	16200		mg/kg dry	29.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML
7439-92-1	Lead	40.0		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML
7439-95-4	Magnesium	1430		mg/kg dry	5.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML
7439-96-5	Manganese	172		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML
7440-02-0	Nickel	11.9		mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML
7440-09-7	Potassium	819		mg/kg dry	5.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML
7782-49-2	Selenium	ND		mg/kg dry	2.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML
7440-22-4	Silver	ND		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML
7440-23-5	Sodium	80.1		mg/kg dry	57.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML
7440-28-0	Thallium	ND		mg/kg dry	2.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML
7440-62-2	Vanadium	17.4		mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML
7440-66-6	Zinc	61.5		mg/kg dry	2.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:38	KML

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 11:50	KML
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 11:50	KML



Sample Information

Client Sample ID: SB-10 (Comp)

York Sample ID: 20G0940-06

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 11:50	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 11:50	KML
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 11:50	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 11:50	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 11:50	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.176		mg/kg dry	0.0348	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/27/2020 15:16	07/27/2020 23:15	MAO

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/29/2020 13:43	07/29/2020 18:31	MAO

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.579	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/28/2020 08:28	07/28/2020 17:07	WJM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.22		HT-04 pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	08/28/2020 20:24	08/29/2020 21:50	ZTS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-10 (Comp)

York Sample ID: 20G0940-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.579	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/27/2020 08:37	07/27/2020 14:27	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	10.4		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/28/2020 11:41	07/28/2020 15:19	WJM

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/27/2020 14:31	07/27/2020 14:32	MAO

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/27/2020 14:31	07/27/2020 14:32	MAO

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.8	HT-04	°C	1.00	1	EPA 170.1 Certifications:	08/28/2020 20:24	08/29/2020 21:50	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.	HT-04	None	1	1	EPA 1030P Certifications:	08/29/2020 19:28	08/29/2020 22:00	MAO

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	190	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/28/2020 11:47	07/28/2020 15:22	WJM



Sample Information

Client Sample ID: SB-10 (Comp)

York Sample ID: 20G0940-06

York Project (SDG) No. 20G0940 Client Project ID Brooklyn Waterfront Matrix Soil Collection Date/Time July 24, 2020 12:00 am Date Received 07/24/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, * % Solids, 86.3, %, 0.100, 1, SM 2540G, 07/27/2020 08:07, 07/27/2020 17:12, WJM. Certifications: CTDOH

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/28/2020 17:30, 07/29/2020 13:35, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/28/2020 17:30, 07/29/2020 13:39, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/28/2020 15:05, 07/29/2020 12:12, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

Sample Information

Client Sample ID: SB-11 (Comp)

York Sample ID: 20G0940-07

York Project (SDG) No. 20G0940 Client Project ID Brooklyn Waterfront Matrix Soil Collection Date/Time July 24, 2020 12:00 am Date Received 07/24/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows 1-3: 75-35-4, 107-06-2, 106-46-7. All results are ND. Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:



Sample Information

Client Sample ID: SB-11 (Comp)

York Sample ID: 20G0940-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/29/2020 09:30	07/29/2020 14:16	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/29/2020 09:30	07/29/2020 14:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/29/2020 09:30	07/29/2020 14:16	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/29/2020 09:30	07/29/2020 14:16	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/29/2020 09:30	07/29/2020 14:16	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/29/2020 09:30	07/29/2020 14:16	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/29/2020 09:30	07/29/2020 14:16	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/29/2020 09:30	07/29/2020 14:16	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	104 %			77-125						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	94.7 %			76-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	99.4 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	142	284	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	142	284	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH



Sample Information

Client Sample ID: SB-11 (Comp)

York Sample ID: 20G0940-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	142	284	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	142	284	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	142	284	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	142	284	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH



Sample Information

Client Sample ID: SB-11 (Comp)

York Sample ID: 20G0940-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	142	284	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	142	284	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
83-32-9	Acenaphthene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
98-86-2	Acetophenone	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
62-53-3	Aniline	ND		ug/kg dry	284	568	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
120-12-7	Anthracene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
1912-24-9	Atrazine	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
92-87-5	Benzidine	ND		ug/kg dry	284	568	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
50-32-8	Benzo(a)pyrene	72.6	J	ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
205-99-2	Benzo(b)fluoranthene	72.6	J	ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
65-85-0	Benzoic acid	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH



Sample Information

Client Sample ID: SB-11 (Comp)

York Sample ID: 20G0940-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		ug/kg dry	142	284	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
86-74-8	Carbazole	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
218-01-9	Chrysene	72.6	J	ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	142	284	2	EPA 8270D Certifications:	07/30/2020 05:59	07/30/2020 21:54	KH
206-44-0	Fluoranthene	138	J	ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
86-73-7	Fluorene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
78-59-1	Isophorone	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
91-20-3	Naphthalene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH



Sample Information

Client Sample ID: SB-11 (Comp)

York Sample ID: 20G0940-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
85-01-8	Phenanthrene	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
108-95-2	Phenol	ND		ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
129-00-0	Pyrene	121	J	ug/kg dry	71.1	142	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 21:54	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	78.8 %			20-108						
4165-62-2	Surrogate: SURRE: Phenol-d5	83.9 %			23-114						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	99.8 %			22-108						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	73.2 %			21-113						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	97.6 %			19-110						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	84.0 %			24-116						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/29/2020 14:44	07/30/2020 16:56	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:56	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:56	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:56	OW
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:56	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:56	OW
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/29/2020 14:44	07/30/2020 16:56	OW
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:56	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:56	OW
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:56	OW



Sample Information

Client Sample ID: SB-11 (Comp)

York Sample ID: 20G0940-07

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:56	OW
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:56	OW
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 16:56	OW
	Surrogate Recoveries	Result				Acceptance Range					
367-12-4	Surrogate: SURR: 2-Fluorophenol	56.1 %				10-90.9					
4165-62-2	Surrogate: SURR: Phenol-d5	41.9 %				10-69.2					
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	84.0 %				19.2-141					
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	59.2 %				24.8-127					
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	93.1 %				23-163					
1718-51-0	Surrogate: SURR: Terphenyl-d14	87.1 %				25.8-110					

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:55	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:55	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	2.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:55	CM
309-00-2	Aldrin	ND		ug/kg dry	2.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:55	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:55	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.81	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 06:10	07/31/2020 07:55	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:55	CM
57-74-9	Chlordane, total	ND		ug/kg dry	56.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:55	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:55	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:55	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:55	CM



Sample Information

Client Sample ID: SB-11 (Comp)

York Sample ID: 20G0940-07

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	2.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/30/2020 06:10	07/31/2020 07:55	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:55	CM
72-20-8	Endrin	ND		ug/kg dry	2.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:55	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:55	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:55	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:55	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.81	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 06:10	07/31/2020 07:55	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:55	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:55	CM
72-43-5	Methoxychlor	ND		ug/kg dry	14.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:55	CM
8001-35-2	Toxaphene	ND		ug/kg dry	142	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:55	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	109 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	103 %	30-150

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 16:05	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 16:05	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 16:05	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 16:05	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 16:05	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 16:05	CM



Sample Information

Client Sample ID: SB-11 (Comp)

York Sample ID: 20G0940-07

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 16:05	CM
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	104 %			30-120						
877-09-8	Surrogate: Tetrachloro-m-xylene	97.7 %			30-120						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0284	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:31	BJ	
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0284	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:31	BJ	
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0284	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:31	BJ	
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0284	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:31	BJ	
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0284	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:31	BJ	
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0284	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:31	BJ	
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0284	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:31	BJ	
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0284	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:31	BJ	
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0284	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:31	BJ	
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0284	1	EPA 8082A Certifications:	07/30/2020 06:10	07/30/2020 18:31	BJ	
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	68.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	74.0 %			30-140						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	22.6	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:45	07/31/2020 20:07	CM



Sample Information

Client Sample ID: SB-11 (Comp)

York Sample ID: 20G0940-07

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.6	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:45	07/31/2020 20:07	CM
94-75-7	2,4-D	ND		ug/kg dry	22.6	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:45	07/31/2020 20:07	CM
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	85.6 %			21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 12:48	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 12:48	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	62.0 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	56.2	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/27/2020 05:58	07/28/2020 19:33	SGM
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	57.4 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	60.0 %			28.7-124					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6950		mg/kg dry	5.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML
7440-36-0	Antimony	ND		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML
7440-38-2	Arsenic	2.61		mg/kg dry	1.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML
7440-39-3	Barium	40.0		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML



Sample Information

Client Sample ID: SB-11 (Comp)

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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.347	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML
7440-70-2	Calcium	519		mg/kg dry	5.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML
7440-47-3	Chromium	13.2		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML
7440-48-4	Cobalt	6.33		mg/kg dry	0.463	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML
7440-50-8	Copper	18.7	B	mg/kg dry	2.31	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML
7439-89-6	Iron	13600		mg/kg dry	28.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML
7439-92-1	Lead	101		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML
7439-95-4	Magnesium	2000		mg/kg dry	5.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML
7439-96-5	Manganese	152		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML
7440-02-0	Nickel	17.7		mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML
7440-09-7	Potassium	832		mg/kg dry	5.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML
7782-49-2	Selenium	ND		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML
7440-22-4	Silver	ND		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML
7440-23-5	Sodium	1340		mg/kg dry	57.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML
7440-28-0	Thallium	ND		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML
7440-62-2	Vanadium	17.1		mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML
7440-66-6	Zinc	73.2		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:40	KML

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 11:53	KML
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 11:53	KML



Sample Information

Client Sample ID: SB-11 (Comp)

York Sample ID: 20G0940-07

York Project (SDG) No.

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Brooklyn Waterfront

Soil

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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 11:53	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 11:53	KML
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 11:53	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 11:53	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 11:53	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.756		mg/kg dry	0.0347	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/27/2020 15:16	07/27/2020 23:24	MAO

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/29/2020 13:43	07/29/2020 18:39	MAO

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.579	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/28/2020 08:28	07/28/2020 17:07	WJM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.42		HT-04 pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	08/28/2020 20:24	08/29/2020 21:50	ZTS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-11 (Comp)

York Sample ID: 20G0940-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

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Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.579	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/27/2020 08:37	07/27/2020 14:27	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.32		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/28/2020 11:41	07/28/2020 15:19	WJM

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/27/2020 14:31	07/27/2020 14:32	MAO

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/27/2020 14:31	07/27/2020 14:32	MAO

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.7	HT-04	°C	1.00	1	EPA 170.1 Certifications:	08/28/2020 20:24	08/29/2020 21:50	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.	HT-04	None	1	1	EPA 1030P Certifications:	08/29/2020 19:28	08/29/2020 22:00	MAO

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	220	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/28/2020 11:47	07/28/2020 15:22	WJM



Sample Information

Client Sample ID: SB-11 (Comp)

York Sample ID: 20G0940-07

York Project (SDG) No.

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Brooklyn Waterfront

Soil

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Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.4		%	0.100	1	SM 2540G Certifications: CTDOH	07/27/2020 08:07	07/27/2020 17:12	WJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/28/2020 17:30	07/29/2020 13:35	TAJ

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/28/2020 17:30	07/29/2020 13:39	TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/28/2020 15:05	07/29/2020 12:12	TAJ

Sample Information

Client Sample ID: SB-12 (Comp)

York Sample ID: 20G0940-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 14:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 14:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 14:42	SS



Sample Information

Client Sample ID: SB-12 (Comp)

York Sample ID: 20G0940-08

York Project (SDG) No.

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20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 14:42	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 14:42	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 14:42	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 14:42	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 14:42	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 14:42	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 14:42	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 14:42	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	104 %			77-125						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	93.9 %			76-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	99.4 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	96.6	193	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	96.6	193	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH



Sample Information

Client Sample ID: SB-12 (Comp)

York Sample ID: 20G0940-08

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	96.6	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
121-14-2	2,4-Dinitrotoluene	1050		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	96.6	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	96.6	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	96.6	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH



Sample Information

Client Sample ID: SB-12 (Comp)

York Sample ID: 20G0940-08

York Project (SDG) No.

Client Project ID

Matrix

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20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	96.6	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	96.6	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
83-32-9	Acenaphthene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
98-86-2	Acetophenone	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
62-53-3	Aniline	ND		ug/kg dry	193	387	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
120-12-7	Anthracene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
1912-24-9	Atrazine	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
92-87-5	Benzidine	ND		ug/kg dry	193	387	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
65-85-0	Benzoic acid	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH



Sample Information

Client Sample ID: SB-12 (Comp)

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Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
105-60-2	Caprolactam	ND		ug/kg dry	96.6	193	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
86-74-8	Carbazole	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
218-01-9	Chrysene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	96.6	193	2	EPA 8270D Certifications:	07/30/2020 05:59	07/30/2020 22:23	KH
206-44-0	Fluoranthene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
86-73-7	Fluorene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
78-59-1	Isophorone	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
91-20-3	Naphthalene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH



Sample Information

Client Sample ID: SB-12 (Comp)

York Sample ID: 20G0940-08

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
85-01-8	Phenanthrene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
108-95-2	Phenol	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
129-00-0	Pyrene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:23	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	73.8 %			20-108						
4165-62-2	Surrogate: SURRE: Phenol-d5	79.6 %			23-114						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	89.7 %			22-108						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	63.0 %			21-113						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	93.4 %			19-110						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	77.6 %			24-116						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/29/2020 14:44	07/30/2020 17:27	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:27	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:27	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:27	OW
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:27	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:27	OW
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/29/2020 14:44	07/30/2020 17:27	OW
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:27	OW



Sample Information

Client Sample ID: SB-12 (Comp)

York Sample ID: 20G0940-08

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:27	OW
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:27	OW
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:27	OW
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:27	OW
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:27	OW
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	50.9 %			10-90.9						
4165-62-2	Surrogate: SURRE: Phenol-d5	37.2 %			10-69.2						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	84.1 %			19.2-141						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	61.9 %			24.8-127						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	97.1 %			23-163						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	83.3 %			25.8-110						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:13	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:13	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:13	CM
309-00-2	Aldrin	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:13	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:13	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 06:10	07/31/2020 08:13	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:13	CM
57-74-9	Chlordane, total	ND		ug/kg dry	38.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:13	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:13	CM



Sample Information

Client Sample ID: SB-12 (Comp)

York Sample ID: 20G0940-08

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:13	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:13	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/30/2020 06:10	07/31/2020 08:13	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:13	CM
72-20-8	Endrin	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:13	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:13	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:13	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:13	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 06:10	07/31/2020 08:13	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:13	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:13	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.59	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:13	CM
8001-35-2	Toxaphene	ND		ug/kg dry	97.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:13	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	91.0 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	92.4 %	30-150							

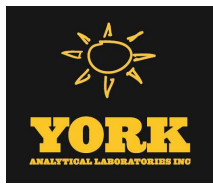
Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 16:23	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 16:23	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 16:23	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 16:23	CM



Sample Information

Client Sample ID: SB-12 (Comp)

York Sample ID: 20G0940-08

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 16:23	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 16:23	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 16:23	CM
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	132 %	S-GC		30-120						
877-09-8	Surrogate: Tetrachloro-m-xylene	112 %			30-120						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:45	BJ	
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:45	BJ	
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:45	BJ	
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:45	BJ	
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:45	BJ	
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:45	BJ	
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:45	BJ	
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:45	BJ	
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:45	BJ	
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	07/30/2020 06:10	07/30/2020 18:45	BJ	
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	64.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	68.0 %			30-140						



Sample Information

Client Sample ID: SB-12 (Comp)

York Sample ID: 20G0940-08

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	22.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:45	07/31/2020 20:18	CM
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:45	07/31/2020 20:18	CM
94-75-7	2,4-D	ND		ug/kg dry	22.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:45	07/31/2020 20:18	CM
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	88.4 %			21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 12:59	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 12:59	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	68.2 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	56.0	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/27/2020 05:58	07/28/2020 20:03	SGM
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	56.8 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	59.2 %			28.7-124					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	11100		mg/kg dry	5.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML
7440-36-0	Antimony	ND		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML



Sample Information

Client Sample ID: SB-12 (Comp)

York Sample ID: 20G0940-08

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML
7440-39-3	Barium	30.5		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.350	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML
7440-70-2	Calcium	585		mg/kg dry	5.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML
7440-47-3	Chromium	17.2		mg/kg dry	0.583	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML
7440-48-4	Cobalt	6.52		mg/kg dry	0.466	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML
7440-50-8	Copper	16.6	B	mg/kg dry	2.33	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML
7439-89-6	Iron	14300		mg/kg dry	29.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML
7439-92-1	Lead	8.99		mg/kg dry	0.583	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML
7439-95-4	Magnesium	3140		mg/kg dry	5.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML
7439-96-5	Manganese	113		mg/kg dry	0.583	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML
7440-02-0	Nickel	19.5		mg/kg dry	1.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML
7440-09-7	Potassium	1250		mg/kg dry	5.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML
7782-49-2	Selenium	ND		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML
7440-22-4	Silver	ND		mg/kg dry	0.583	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML
7440-23-5	Sodium	557		mg/kg dry	58.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML
7440-28-0	Thallium	ND		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML
7440-62-2	Vanadium	17.5		mg/kg dry	1.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML
7440-66-6	Zinc	42.9		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:43	KML

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-12 (Comp)

York Sample ID: 20G0940-08

York Project (SDG) No.

20G0940

Client Project ID

Brooklyn Waterfront

Matrix

Soil

Collection Date/Time

July 24, 2020 12:00 am

Date Received

07/24/2020

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 12:02	KML
7440-39-3	Barium	1.08		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 12:02	KML
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 12:02	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 12:02	KML
7439-92-1	Lead	2.28		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 12:02	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 12:02	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 12:02	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0350	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/27/2020 15:16	07/27/2020 23:33	MAO

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/29/2020 13:43	07/29/2020 18:49	MAO

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.583	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/28/2020 08:28	07/28/2020 17:07	WJM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.63	HT-04	pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	08/28/2020 20:24	08/29/2020 21:50	ZTS



Sample Information

Client Sample ID: SB-12 (Comp)

York Sample ID: 20G0940-08

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.583	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/27/2020 08:37	07/27/2020 14:27	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.69		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/28/2020 11:41	07/28/2020 15:19	WJM

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/27/2020 14:31	07/27/2020 14:32	MAO

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/27/2020 14:31	07/27/2020 14:32	MAO

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.7	HT-04	°C	1.00	1	EPA 170.1 Certifications:	08/28/2020 20:24	08/29/2020 21:50	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.	HT-04	None	1	1	EPA 1030P Certifications:	08/29/2020 19:28	08/29/2020 22:00	MAO

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	240	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/28/2020 11:47	07/28/2020 15:22	WJM



Sample Information

Client Sample ID: SB-12 (Comp)

York Sample ID: 20G0940-08

York Project (SDG) No. 20G0940 Client Project ID Brooklyn Waterfront Matrix Soil Collection Date/Time July 24, 2020 12:00 am Date Received 07/24/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, * % Solids, 85.8, %, 0.100, 1, SM 2540G, 07/27/2020 08:07, 07/27/2020 17:12, WJM. Certifications: CTDOH

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/28/2020 17:30, 07/29/2020 13:35, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/28/2020 17:30, 07/29/2020 13:39, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/28/2020 15:05, 07/29/2020 12:12, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

Sample Information

Client Sample ID: SB-13 (Comp)

York Sample ID: 20G0940-09

York Project (SDG) No. 20G0940 Client Project ID Brooklyn Waterfront Matrix Soil Collection Date/Time July 24, 2020 12:00 am Date Received 07/24/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows 1-3: 75-35-4, 107-06-2, 106-46-7. All results are ND. Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:



Sample Information

Client Sample ID: SB-13 (Comp)

York Sample ID: 20G0940-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 15:07	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 15:07	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 15:07	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 15:07	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 15:07	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 15:07	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 15:07	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 15:07	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %			77-125						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	95.7 %			76-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	99.1 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	150	300	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	150	300	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH



Sample Information

Client Sample ID: SB-13 (Comp)

York Sample ID: 20G0940-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	150	300	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	150	300	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	150	300	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	150	300	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH



Sample Information

Client Sample ID: SB-13 (Comp)

York Sample ID: 20G0940-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	150	300	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	150	300	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
83-32-9	Acenaphthene	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
98-86-2	Acetophenone	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
62-53-3	Aniline	ND		ug/kg dry	300	601	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
120-12-7	Anthracene	93.5	J	ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
1912-24-9	Atrazine	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
92-87-5	Benzidine	ND		ug/kg dry	300	601	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
56-55-3	Benzo(a)anthracene	294		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
50-32-8	Benzo(a)pyrene	293		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
205-99-2	Benzo(b)fluoranthene	293		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
191-24-2	Benzo(g,h,i)perylene	204		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
207-08-9	Benzo(k)fluoranthene	225		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
65-85-0	Benzoic acid	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH



Sample Information

Client Sample ID: SB-13 (Comp)

York Sample ID: 20G0940-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		ug/kg dry	150	300	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
86-74-8	Carbazole	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
218-01-9	Chrysene	293		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	150	300	2	EPA 8270D Certifications:	07/30/2020 05:59	07/30/2020 22:53	KH
206-44-0	Fluoranthene	730		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
86-73-7	Fluorene	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
193-39-5	Indeno(1,2,3-cd)pyrene	177		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
78-59-1	Isophorone	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
91-20-3	Naphthalene	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH



Sample Information

Client Sample ID: SB-13 (Comp)

York Sample ID: 20G0940-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
85-01-8	Phenanthrene	490		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
108-95-2	Phenol	ND		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
129-00-0	Pyrene	611		ug/kg dry	75.2	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 22:53	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	70.2 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	75.6 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	92.1 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	64.6 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	82.2 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	77.4 %			24-116						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/29/2020 14:44	07/30/2020 17:57	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:57	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:57	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:57	OW
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:57	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:57	OW
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/29/2020 14:44	07/30/2020 17:57	OW
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:57	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:57	OW
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:57	OW



Sample Information

Client Sample ID: SB-13 (Comp)

York Sample ID: 20G0940-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:57	OW
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:57	OW
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 17:57	OW
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	56.7 %			10-90.9						
4165-62-2	Surrogate: SURR: Phenol-d5	42.1 %			10-69.2						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	84.2 %			19.2-141						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	61.1 %			24.8-127						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	91.6 %			23-163						
1718-51-0	Surrogate: SURR: Terphenyl-d14	81.8 %			25.8-110						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:31	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:31	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	2.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:31	CM
309-00-2	Aldrin	ND		ug/kg dry	2.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:31	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:31	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.97	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 06:10	07/31/2020 08:31	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:31	CM
57-74-9	Chlordane, total	ND		ug/kg dry	59.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:31	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:31	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:31	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:31	CM



Sample Information

Client Sample ID: SB-13 (Comp)

York Sample ID: 20G0940-09

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	2.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/30/2020 06:10	07/31/2020 08:31	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:31	CM
72-20-8	Endrin	ND		ug/kg dry	2.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:31	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:31	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:31	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:31	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.97	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 06:10	07/31/2020 08:31	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:31	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:31	CM
72-43-5	Methoxychlor	ND		ug/kg dry	14.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:31	CM
8001-35-2	Toxaphene	ND		ug/kg dry	150	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 08:31	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	90.8 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	95.4 %	30-150

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 16:41	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 16:41	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 16:41	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 16:41	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 16:41	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 16:41	CM



Sample Information

Client Sample ID: SB-13 (Comp)

York Sample ID: 20G0940-09

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 16:41	CM
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	157 %	S-HI		30-120						
877-09-8	Surrogate: Tetrachloro-m-xylene	124 %	S-HI		30-120						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0300	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:58	BJ	
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0300	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:58	BJ	
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0300	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:58	BJ	
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0300	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:58	BJ	
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0300	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:58	BJ	
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0300	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:58	BJ	
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0300	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:58	BJ	
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0300	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:58	BJ	
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0300	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 18:58	BJ	
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0300	1	EPA 8082A Certifications:	07/30/2020 06:10	07/30/2020 18:58	BJ	
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	63.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	66.0 %			30-140						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	24.2	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:45	07/31/2020 20:29	CM



Sample Information

Client Sample ID: SB-13 (Comp)

York Sample ID: 20G0940-09

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	24.2	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:45	07/31/2020 20:29	CM
94-75-7	2,4-D	ND		ug/kg dry	24.2	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:45	07/31/2020 20:29	CM
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	82.8 %			21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 13:10	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 13:10	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	60.4 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	60.5	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/27/2020 05:58	07/28/2020 20:32	SGM
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	53.0 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	54.6 %			28.7-124					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4260		mg/kg dry	6.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML
7440-36-0	Antimony	ND		mg/kg dry	3.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML
7440-38-2	Arsenic	4.08		mg/kg dry	1.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML
7440-39-3	Barium	44.5		mg/kg dry	3.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML



Sample Information

Client Sample ID: SB-13 (Comp)

York Sample ID: 20G0940-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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20G0940

Brooklyn Waterfront

Soil

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07/24/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.061	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.367	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML
7440-70-2	Calcium	2760		mg/kg dry	6.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML
7440-47-3	Chromium	9.79		mg/kg dry	0.611	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML
7440-48-4	Cobalt	4.07		mg/kg dry	0.489	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML
7440-50-8	Copper	19.5	B	mg/kg dry	2.45	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML
7439-89-6	Iron	9710		mg/kg dry	30.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML
7439-92-1	Lead	141		mg/kg dry	0.611	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML
7439-95-4	Magnesium	1610		mg/kg dry	6.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML
7439-96-5	Manganese	80.0		mg/kg dry	0.611	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML
7440-02-0	Nickel	9.18		mg/kg dry	1.22	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML
7440-09-7	Potassium	904		mg/kg dry	6.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML
7782-49-2	Selenium	ND		mg/kg dry	3.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML
7440-22-4	Silver	ND		mg/kg dry	0.611	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML
7440-23-5	Sodium	244		mg/kg dry	61.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML
7440-28-0	Thallium	ND		mg/kg dry	3.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML
7440-62-2	Vanadium	17.5		mg/kg dry	1.22	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML
7440-66-6	Zinc	42.5		mg/kg dry	3.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:45	KML

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 12:05	KML
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 12:05	KML



Sample Information

Client Sample ID: SB-13 (Comp)

York Sample ID: 20G0940-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 12:05	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 12:05	KML
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 12:05	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 12:05	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 12:05	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.203		mg/kg dry	0.0367	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/27/2020 15:16	07/27/2020 23:42	MAO

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/29/2020 13:43	07/29/2020 19:00	MAO

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.611	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/28/2020 08:28	07/28/2020 17:07	WJM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.37		HT-04 pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	08/28/2020 20:24	08/29/2020 21:50	ZTS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-13 (Comp)

York Sample ID: 20G0940-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.611	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/28/2020 08:53	07/28/2020 14:59	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.30		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/28/2020 11:41	07/28/2020 15:19	WJM

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/28/2020 14:15	07/28/2020 14:15	MAO

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/28/2020 14:16	07/28/2020 14:16	MAO

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.3	HT-04	°C	1.00	1	EPA 170.1 Certifications:	08/28/2020 20:24	08/29/2020 21:50	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.	HT-04	None	1	1	EPA 1030P Certifications:	08/29/2020 19:28	08/29/2020 22:00	MAO

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	230	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/28/2020 11:47	07/28/2020 15:22	WJM



Sample Information

Client Sample ID: SB-13 (Comp)

York Sample ID: 20G0940-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, * % Solids, 81.8, %, 0.100, 1, SM 2540G, 07/27/2020 08:07, 07/27/2020 17:12, WJM. Certifications: CTDOH

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/28/2020 17:30, 07/29/2020 13:35, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/28/2020 17:30, 07/29/2020 13:39, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/28/2020 15:05, 07/29/2020 12:12, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

Sample Information

Client Sample ID: SB-14 (Comp)

York Sample ID: 20G0940-10

York Project (SDG) No.

Client Project ID

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Brooklyn Waterfront

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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows 1-3: 75-35-4, 107-06-2, 106-46-7. All results are ND. Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:



Sample Information

Client Sample ID: SB-14 (Comp)

York Sample ID: 20G0940-10

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 15:32	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 15:32	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 15:32	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 15:32	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 15:32	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 15:32	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 15:32	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/29/2020 09:30	07/29/2020 15:32	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %			77-125						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	95.1 %			76-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	98.4 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	141	281	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	141	281	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH



Sample Information

Client Sample ID: SB-14 (Comp)

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	141	281	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
91-57-6	2-Methylnaphthalene	231		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	141	281	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	141	281	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	141	281	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH



Sample Information

Client Sample ID: SB-14 (Comp)

York Sample ID: 20G0940-10

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	141	281	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	141	281	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
83-32-9	Acenaphthene	2260		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
208-96-8	Acenaphthylene	142		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
98-86-2	Acetophenone	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
62-53-3	Aniline	ND		ug/kg dry	282	564	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
120-12-7	Anthracene	2960		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
1912-24-9	Atrazine	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
92-87-5	Benzidine	ND		ug/kg dry	282	564	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
56-55-3	Benzo(a)anthracene	16000		ug/kg dry	706	1410	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 13:49	KH
50-32-8	Benzo(a)pyrene	18000		ug/kg dry	706	1410	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 13:49	KH
205-99-2	Benzo(b)fluoranthene	18800		ug/kg dry	706	1410	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 13:49	KH
191-24-2	Benzo(g,h,i)perylene	12800		ug/kg dry	706	1410	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 13:49	KH
207-08-9	Benzo(k)fluoranthene	15200		ug/kg dry	706	1410	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 13:49	KH
65-85-0	Benzoic acid	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH



Sample Information

Client Sample ID: SB-14 (Comp)

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		ug/kg dry	141	281	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
86-74-8	Carbazole	3050		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
218-01-9	Chrysene	19100		ug/kg dry	706	1410	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 13:49	KH
53-70-3	Dibenzo(a,h)anthracene	3960		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
132-64-9	Dibenzofuran	860		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	141	281	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
206-44-0	Fluoranthene	43300		ug/kg dry	706	1410	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 13:49	KH
86-73-7	Fluorene	1520		ug/kg dry	70.6	141	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
193-39-5	Indeno(1,2,3-cd)pyrene	11600		ug/kg dry	706	1410	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 13:49	KH
78-59-1	Isophorone	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
91-20-3	Naphthalene	989		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH



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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
85-01-8	Phenanthrene	29000		ug/kg dry	706	1410	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 13:49	KH
108-95-2	Phenol	ND		ug/kg dry	70.6	141	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:22	KH
129-00-0	Pyrene	36600		ug/kg dry	706	1410	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 13:49	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	69.0 %			20-108						
4165-62-2	Surrogate: SURRE: Phenol-d5	73.4 %			23-114						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	92.0 %			22-108						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	66.9 %			21-113						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	83.2 %			19-110						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	79.4 %			24-116						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/29/2020 14:44	07/30/2020 18:28	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 18:28	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 18:28	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 18:28	OW
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 18:28	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 18:28	OW
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/29/2020 14:44	07/30/2020 18:28	OW
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 18:28	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 18:28	OW
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 18:28	OW



Sample Information

Client Sample ID: SB-14 (Comp)

York Sample ID: 20G0940-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 18:28	OW
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 18:28	OW
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:44	07/30/2020 18:28	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	55.1 %			10-90.9						
4165-62-2	Surrogate: SURR: Phenol-d5	40.7 %			10-69.2						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	83.2 %			19.2-141						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	59.6 %			24.8-127						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	92.0 %			23-163						
1718-51-0	Surrogate: SURR: Terphenyl-d14	80.3 %			25.8-110						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	Unknown PAH (01)	1750	J	ug/kg dry			2	EPA 8270D Certifications:	07/30/2020 05:59	07/30/2020 23:22	KH
NA	Unknown PAH (02)	1780	J	ug/kg dry			2	EPA 8270D Certifications:	07/30/2020 05:59	07/30/2020 23:22	KH
NA	Unknown PAH (03)	3260	J	ug/kg dry			2	EPA 8270D Certifications:	07/30/2020 05:59	07/30/2020 23:22	KH
NA	Unknown PAH (04)	1360	J	ug/kg dry			2	EPA 8270D Certifications:	07/30/2020 05:59	07/30/2020 23:22	KH
NA	Unknown PAH (05)	11200	J	ug/kg dry			2	EPA 8270D Certifications:	07/30/2020 05:59	07/30/2020 23:22	KH
NA	Unknown PAH (06)	3860	J	ug/kg dry			2	EPA 8270D Certifications:	07/30/2020 05:59	07/30/2020 23:22	KH
NA	Unknown PAH (07)	1320	J	ug/kg dry			2	EPA 8270D Certifications:	07/30/2020 05:59	07/30/2020 23:22	KH
NA	Unknown PAH (08)	1710	J	ug/kg dry			2	EPA 8270D Certifications:	07/30/2020 05:59	07/30/2020 23:22	KH
NA	Unknown PAH (09)	1920	J	ug/kg dry			2	EPA 8270D Certifications:	07/30/2020 05:59	07/30/2020 23:22	KH

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-14 (Comp)

York Sample ID: 20G0940-10

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:03	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:03	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	2.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:03	CM
309-00-2	Aldrin	ND		ug/kg dry	2.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:03	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:03	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 06:10	07/31/2020 07:03	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:03	CM
57-74-9	Chlordane, total	ND		ug/kg dry	55.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:03	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:03	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:03	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:03	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	2.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/30/2020 06:10	07/31/2020 07:03	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:03	CM
72-20-8	Endrin	ND		ug/kg dry	2.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:03	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:03	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:03	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:03	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 06:10	07/31/2020 07:03	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:03	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:03	CM
72-43-5	Methoxychlor	ND		ug/kg dry	13.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:03	CM



Sample Information

Client Sample ID: SB-14 (Comp)

York Sample ID: 20G0940-10

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	141	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/31/2020 07:03	CM
Surrogate Recoveries		Result			Acceptance Range					
2051-24-3	Surrogate: Decachlorobiphenyl	119 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	46.2 %			30-150					

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 17:00	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 17:00	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 17:00	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 17:00	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 17:00	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 17:00	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2020 14:51	07/30/2020 17:00	CM
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	134 %	S-GC		30-120						
877-09-8	Surrogate: Tetrachloro-m-xylene	112 %			30-120						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0281	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 19:12	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0281	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 19:12	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0281	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 19:12	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0281	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 19:12	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0281	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 19:12	BJ



Sample Information

Client Sample ID: SB-14 (Comp)

York Sample ID: 20G0940-10

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0281	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 19:12	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0281	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 19:12	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0281	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 19:12	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0281	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 06:10	07/30/2020 19:12	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0281	1	EPA 8082A Certifications:	07/30/2020 06:10	07/30/2020 19:12	BJ
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	63.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	68.0 %			30-140					

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	22.2	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:45	07/31/2020 20:40	CM
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.2	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:45	07/31/2020 20:40	CM
94-75-7	2,4-D	ND		ug/kg dry	22.2	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:45	07/31/2020 20:40	CM
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	92.8 %			21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 13:20	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	07/29/2020 15:04	07/30/2020 13:20	BJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	63.6 %			10-150					



Sample Information

Client Sample ID: SB-14 (Comp)

York Sample ID: 20G0940-10

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	53.6	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/27/2020 05:58	07/28/2020 21:01	SGM
	Surrogate Recoveries	Result					Acceptance Range			
3386-33-2	Surrogate: 1-Chlorooctadecane	58.7 %					31.6-128			
84-15-1	Surrogate: o-Terphenyl	60.4 %					28.7-124			

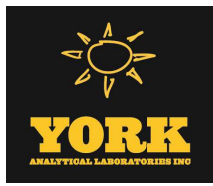
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5840		mg/kg dry	5.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML
7440-36-0	Antimony	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML
7440-38-2	Arsenic	6.02		mg/kg dry	1.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML
7440-39-3	Barium	150		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.341	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML
7440-70-2	Calcium	4910		mg/kg dry	5.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML
7440-47-3	Chromium	19.4		mg/kg dry	0.569	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML
7440-48-4	Cobalt	5.87		mg/kg dry	0.455	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML
7440-50-8	Copper	27.0	B	mg/kg dry	2.27	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML
7439-89-6	Iron	12600		mg/kg dry	28.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML
7439-92-1	Lead	514		mg/kg dry	0.569	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML
7439-95-4	Magnesium	2610		mg/kg dry	5.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML
7439-96-5	Manganese	248		mg/kg dry	0.569	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML
7440-02-0	Nickel	15.2		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML
7440-09-7	Potassium	1210		mg/kg dry	5.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML



Sample Information

Client Sample ID: SB-14 (Comp)

York Sample ID: 20G0940-10

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML
7440-22-4	Silver	ND		mg/kg dry	0.569	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML
7440-23-5	Sodium	180		mg/kg dry	56.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML
7440-28-0	Thallium	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML
7440-62-2	Vanadium	25.2		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML
7440-66-6	Zinc	110		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:48	KML

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 12:08	KML
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 12:08	KML
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 12:08	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 12:08	KML
7439-92-1	Lead	5.42		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 12:08	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 12:08	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 08:09	07/30/2020 12:08	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.392		mg/kg dry	0.0341	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/27/2020 15:16	07/28/2020 02:50	MAO

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-14 (Comp)

York Sample ID: 20G0940-10

York Project (SDG) No.

20G0940

Client Project ID

Brooklyn Waterfront

Matrix

Soil

Collection Date/Time

July 24, 2020 12:00 am

Date Received

07/24/2020

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/29/2020 13:43	07/29/2020 19:10	MAO	
							Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854				

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.569	1	EPA 7196A	07/28/2020 13:56	07/28/2020 19:02	MAO	
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP				

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
	pH	8.98	HT-04	pH units	0.500	1	EPA 9045D	08/28/2020 20:24	08/29/2020 21:50	ZTS	
							Certifications: NELAC-NY10854,CTDOH,PADEP				

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
57-12-5	Cyanide, total	ND		mg/kg dry	0.569	1	EPA 9014/9010C	07/28/2020 08:53	07/28/2020 14:59	JAG	
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP				

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
	pH	9.38		pH units	0.500	1	EPA 9045D	07/28/2020 11:41	07/28/2020 15:19	WJM	
							Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP				

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	07/28/2020 14:15	07/28/2020 14:15	MAO	
							Certifications: CTDOH,PADEP				

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	07/28/2020 14:16	07/28/2020 14:16	MAO	
							Certifications: CTDOH,PADEP				



Sample Information

Client Sample ID: SB-14 (Comp)

York Sample ID: 20G0940-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Temperature		21.9	HT-04	°C	1.00	1	EPA 170.1 Certifications:	08/28/2020 20:24	08/29/2020 21:50	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Ignitability		Non-Ignit.	HT-04	None	1	1	EPA 1030P Certifications:	08/29/2020 19:28	08/29/2020 22:00	MAO

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* ORP (Oxidation-Reduction Potential) (Ag/AgCl)		220	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/28/2020 11:47	07/28/2020 15:22	WJM

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.9		%	0.100	1	SM 2540G Certifications: CTDOH	07/27/2020 08:10	07/27/2020 17:18	WJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/28/2020 17:30	07/29/2020 13:35	TAJ

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/28/2020 17:30	07/29/2020 13:39	TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/28/2020 15:05	07/29/2020 12:12	TAJ



Sample Information

Client Sample ID: SB-5 (g)

York Sample ID: 20G0940-11

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:13	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2020 06:25	07/28/2020 17:13	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:13	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:13	TMP
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP



Sample Information

Client Sample ID: SB-5 (g)

York Sample ID: 20G0940-11

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
67-64-1	Acetone	750	CCV-E, ICV-E, B, E	ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
71-43-2	Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:13	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
74-87-3	Chloromethane	2.7	CCV-E, ICV-E, QL-02, J, B	ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:13	TMP



Sample Information

Client Sample ID: SB-5 (g)

York Sample ID: 20G0940-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:13	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:13	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:13	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:13	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:13	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:13	TMP
75-09-2	Methylene chloride	44		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/28/2020 06:25	07/28/2020 17:13	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/28/2020 06:25	07/28/2020 17:13	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
100-42-5	Styrene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:13	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
108-88-3	Toluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP



Sample Information

Client Sample ID: SB-5 (g)

York Sample ID: 20G0940-11

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH	07/28/2020 06:25	07/28/2020 17:13	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:13	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	111 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	108 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 17:13	TMP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.3		%	0.100	1	SM 2540G Certifications: CTDOH	08/12/2020 14:09	08/12/2020 14:10	WL

Sample Information

Client Sample ID: SB-6 (g)

York Sample ID: 20G0940-12

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Sample Information

Client Sample ID: SB-6 (g)

York Sample ID: 20G0940-12

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:39	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2020 06:25	07/28/2020 17:39	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:39	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:39	TMP
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP



Sample Information

Client Sample ID: SB-6 (g)

York Sample ID: 20G0940-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
67-64-1	Acetone	2400		ug/kg dry	550	1100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/30/2020 05:22	TMP
107-02-8	Acrolein	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:39	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:39	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:39	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:39	TMP



Sample Information

Client Sample ID: SB-6 (g)

York Sample ID: 20G0940-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:39	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:39	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:39	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:39	TMP
75-09-2	Methylene chloride	41		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/28/2020 06:25	07/28/2020 17:39	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/28/2020 06:25	07/28/2020 17:39	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
100-42-5	Styrene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 17:39	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
108-88-3	Toluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP



Sample Information

Client Sample ID: SB-6 (g)

York Sample ID: 20G0940-12

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH	07/28/2020 06:25	07/28/2020 17:39	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 17:39	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	113 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	103 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	102 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 17:39	TMP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.2		%	0.100	1	SM 2540G Certifications: CTDOH	07/27/2020 08:10	07/27/2020 17:18	WJM

Sample Information

Client Sample ID: SB-7 (g)

York Sample ID: 20G0940-13

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Sample Information

Client Sample ID: SB-7 (g)

York Sample ID: 20G0940-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:06	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2020 06:25	07/28/2020 18:06	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:06	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	92	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:06	TMP
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP



Sample Information

Client Sample ID: SB-7 (g)

York Sample ID: 20G0940-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
67-64-1	Acetone	440	CCV-E	ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
			VOA-E , E, B								
107-02-8	Acrolein	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:06	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
74-87-3	Chloromethane	2.6	ICV-E, QL-02, CCV-E , J, B	ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:06	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:06	TMP



Sample Information

Client Sample ID: SB-7 (g)

York Sample ID: 20G0940-13

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:06	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:06	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:06	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:06	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:06	TMP
75-09-2	Methylene chloride	62		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/28/2020 06:25	07/28/2020 18:06	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/28/2020 06:25	07/28/2020 18:06	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:06	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP



Sample Information

Client Sample ID: SB-7 (g)

York Sample ID: 20G0940-13

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH	07/28/2020 06:25	07/28/2020 18:06	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:06	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	111 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	103 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 18:06	TMP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.2		%	0.100	1	SM 2540G Certifications: CTDOH	07/27/2020 08:10	07/27/2020 17:18	WJM

Sample Information

Client Sample ID: SB-8 (g)

York Sample ID: 20G0940-14

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Sample Information

Client Sample ID: SB-8 (g)

York Sample ID: 20G0940-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:33	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2020 06:25	07/28/2020 18:33	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:33	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	92	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:33	TMP
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP



Sample Information

Client Sample ID: SB-8 (g)

York Sample ID: 20G0940-14

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
67-64-1	Acetone	220	CCV-E	ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
			, VOA-E , B								
107-02-8	Acrolein	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:33	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
74-87-3	Chloromethane	2.4	CCV-E	ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
			, ICV-E, QL-02, J, B								
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:33	TMP



Sample Information

Client Sample ID: SB-8 (g)

York Sample ID: 20G0940-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:33	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:33	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:33	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:33	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:33	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:33	TMP
75-09-2	Methylene chloride	980		ug/kg dry	460	920	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/30/2020 06:15	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/28/2020 06:25	07/28/2020 18:33	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/28/2020 06:25	07/28/2020 18:33	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 18:33	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP



Sample Information

Client Sample ID: SB-8 (g)

York Sample ID: 20G0940-14

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH	07/28/2020 06:25	07/28/2020 18:33	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 18:33	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	112 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	103 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	107 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 18:33	TMP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.3		%	0.100	1	SM 2540G Certifications: CTDOH	07/27/2020 08:10	07/27/2020 17:18	WJM

Sample Information

Client Sample ID: SB-9 (g)

York Sample ID: 20G0940-15

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Sample Information

Client Sample ID: SB-9 (g)

York Sample ID: 20G0940-15

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:00	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2020 06:25	07/28/2020 19:00	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:00	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	87	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:00	TMP
78-93-3	2-Butanone	7.3	CCV-E	ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP



Sample Information

Client Sample ID: SB-9 (g)

York Sample ID: 20G0940-15

<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
67-64-1	Acetone	150	CCV-E, B	ug/kg dry	4.4	8.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
107-02-8	Acrolein	ND		ug/kg dry	4.4	8.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:00	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
74-87-3	Chloromethane	2.2	CCV-E, ICV-E, QL-02, J, B	ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:00	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:00	TMP



Sample Information

Client Sample ID: SB-9 (g)

York Sample ID: 20G0940-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:00	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:00	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:00	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:00	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:00	TMP
75-09-2	Methylene chloride	22		ug/kg dry	4.4	8.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/28/2020 06:25	07/28/2020 19:00	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/28/2020 06:25	07/28/2020 19:00	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:00	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP



Sample Information

Client Sample ID: SB-9 (g)					York Sample ID: 20G0940-15
<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020	

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH	07/28/2020 06:25	07/28/2020 19:00	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:00	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	110 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	104 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 19:00	TMP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.3		%	0.100	1	SM 2540G Certifications: CTDOH	07/27/2020 08:10	07/27/2020 17:18	WJM

Sample Information

Client Sample ID: SB-10 (g)					York Sample ID: 20G0940-16
<u>York Project (SDG) No.</u> 20G0940	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 24, 2020 12:00 am	<u>Date Received</u> 07/24/2020	



Sample Information

Client Sample ID: SB-10 (g)

York Sample ID: 20G0940-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:26	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2020 06:25	07/28/2020 19:26	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:26	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:26	TMP
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP



Sample Information

Client Sample ID: SB-10 (g)

York Sample ID: 20G0940-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
67-64-1	Acetone	2000	CCV-E , VOA-E , E, B	ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
107-02-8	Acrolein	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:26	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:26	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:26	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:26	TMP



Sample Information

Client Sample ID: SB-10 (g)

York Sample ID: 20G0940-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:26	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:26	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:26	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:26	TMP
75-09-2	Methylene chloride	240	VOA-E	ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/28/2020 06:25	07/28/2020 19:26	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/28/2020 06:25	07/28/2020 19:26	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
100-42-5	Styrene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:26	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:26	TMP



Sample Information

Client Sample ID: SB-10 (g)

York Sample ID: 20G0940-16

York Project (SDG) No. 20G0940

Client Project ID Brooklyn Waterfront

Matrix Soil

Collection Date/Time July 24, 2020 12:00 am

Date Received 07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for trans-1,4-dichloro-2-butene, Trichloroethylene, Trichlorofluoromethane, Vinyl Chloride, Xylenes, Total, and Surrogate Recoveries.

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes row for Tentatively Identified Compounds.

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes row for % Solids.

Sample Information

Client Sample ID: SB-11 (g)

York Sample ID: 20G0940-17

York Project (SDG) No. 20G0940

Client Project ID Brooklyn Waterfront

Matrix Soil

Collection Date/Time July 24, 2020 12:00 am

Date Received 07/24/2020



Sample Information

Client Sample ID: SB-11 (g)

York Sample ID: 20G0940-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:53	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2020 06:25	07/28/2020 19:53	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:53	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	64	130	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:53	TMP
78-93-3	2-Butanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP



Sample Information

Client Sample ID: SB-11 (g)

York Sample ID: 20G0940-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
67-64-1	Acetone	670	VOA-E CCV-E , E, B	ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
107-02-8	Acrolein	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
71-43-2	Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:53	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
75-25-2	Bromoform	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
74-83-9	Bromomethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
75-00-3	Chloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
67-66-3	Chloroform	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
74-87-3	Chloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:53	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:53	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:53	TMP



Sample Information

Client Sample ID: SB-11 (g)

York Sample ID: 20G0940-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:53	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:53	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:53	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:53	TMP
75-09-2	Methylene chloride	45		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
95-47-6	o-Xylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/28/2020 06:25	07/28/2020 19:53	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/28/2020 06:25	07/28/2020 19:53	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
100-42-5	Styrene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 19:53	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
108-88-3	Toluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP



Sample Information

Client Sample ID: SB-11 (g) **York Sample ID:** 20G0940-17
York Project (SDG) No.: 20G0940 **Client Project ID:** Brooklyn Waterfront
Matrix: Soil **Collection Date/Time:** July 24, 2020 12:00 am
Date Received: 07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH	07/28/2020 06:25	07/28/2020 19:53	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 19:53	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	111 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	102 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	104 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 19:53	TMP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.7		%	0.100	1	SM 2540G Certifications: CTDOH	07/27/2020 08:10	07/27/2020 17:18	WJM

Sample Information

Client Sample ID: SB-12 (g) **York Sample ID:** 20G0940-18
York Project (SDG) No.: 20G0940 **Client Project ID:** Brooklyn Waterfront
Matrix: Soil **Collection Date/Time:** July 24, 2020 12:00 am
Date Received: 07/24/2020



Sample Information

Client Sample ID: SB-12 (g)

York Sample ID: 20G0940-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:19	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2020 06:25	07/28/2020 20:19	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:19	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	88	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:19	TMP
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP



Sample Information

Client Sample ID: SB-12 (g)

York Sample ID: 20G0940-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
67-64-1	Acetone	630	CCV-E	ug/kg dry	4.4	8.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
			VOA-E , E, B								
107-02-8	Acrolein	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:19	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
110-82-7	Cyclohexane	4.2	QL-02, J	ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:19	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:19	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:19	TMP



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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:19	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:19	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:19	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
108-87-2	Methylcyclohexane	28		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:19	TMP
75-09-2	Methylene chloride	580	VOA-E	ug/kg dry	4.4	8.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/28/2020 06:25	07/28/2020 20:19	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/28/2020 06:25	07/28/2020 20:19	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:19	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH	07/28/2020 06:25	07/28/2020 20:19	TMP



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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:19	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	111 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	104 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	121 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	dimethylCyclohexane isomer ... (01)	25	J	ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 20:19	TMP
NA	dimethylCyclohexane isomer ... (02)	32	J	ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 20:19	TMP
NA	dimethylHeptane isomer rt. ... (01)	81	J	ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 20:19	TMP
NA	dimethylHeptane isomer rt. ... (02)	24	J	ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 20:19	TMP
NA	dimethylHexane isomer rt. 7...	38	J	ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 20:19	TMP
NA	dimethylHexane isomer rt.5.604	640	J	ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 20:19	TMP
NA	dimethylPentane isomer rt.4...	48	J	ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 20:19	TMP
NA	dimethylPentane isomer rt.5...	19	J	ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 20:19	TMP
NA	methylCyclopentane isomer r...	30	J	ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 20:19	TMP
NA	methylHexane isomer rt.5.348	39	J	ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 20:19	TMP
NA	methylPentane isomer rt.3.753	37	J	ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 20:19	TMP
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 20:19	TMP
NA	trimethylCyclohexane isomer...	24	J	ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 20:19	TMP



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Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	trimethylPentane isomer rt.... (01)	46	J	ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 20:19	TMP
NA	trimethylPentane isomer rt.... (02)	450	J	ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 20:19	TMP
NA	trimethylPentane isomer rt.... (03)	580	J	ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 20:19	TMP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.2		%	0.100	1	SM 2540G Certifications: CTDOH	07/27/2020 08:10	07/27/2020 17:18	WJM

Sample Information

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:46	TMP



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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2020 06:25	07/28/2020 20:46	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:46	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:46	TMP
78-93-3	2-Butanone	6.6	CCV-E	ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
67-64-1	Acetone	850	CCV-E , VOA-E , E, B	ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
107-02-8	Acrolein	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:46	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP



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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:46	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:46	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:46	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:46	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:46	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:46	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:46	TMP
75-09-2	Methylene chloride	470	VOA-E	ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP



Sample Information

Client Sample ID: SB-13 (g)

York Sample ID: 20G0940-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/28/2020 06:25	07/28/2020 20:46	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/28/2020 06:25	07/28/2020 20:46	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
100-42-5	Styrene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 20:46	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH	07/28/2020 06:25	07/28/2020 20:46	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 20:46	TMP

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	115 %	77-125
2037-26-5	Surrogate: SURRE: Toluene-d8	98.4 %	85-120
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	98.6 %	76-130



Sample Information

Client Sample ID: SB-13 (g)

York Sample ID: 20G0940-19

York Project (SDG) No.

Client Project ID

Matrix

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20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: Tentatively Identified Compounds, 0.0, ug/kg dry, 1, EPA 8260C, 07/28/2020 06:25, 07/28/2020 20:46, TMP.

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, * % Solids, 78.4, %, 0.100, 1, SM 2540G, 07/27/2020 08:10, 07/27/2020 17:18, WJM.

Sample Information

Client Sample ID: SB-14 (g)

York Sample ID: 20G0940-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Multiple rows listing various compounds like 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, etc.



Sample Information

Client Sample ID: SB-14 (g)

York Sample ID: 20G0940-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	68	140	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 21:13	TMP
78-93-3	2-Butanone	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
591-78-6	2-Hexanone	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
67-64-1	Acetone	62	CCV-E , B	ug/kg dry	6.8	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
107-02-8	Acrolein	ND		ug/kg dry	6.8	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
71-43-2	Benzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 21:13	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
75-25-2	Bromoform	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
74-83-9	Bromomethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP



Sample Information

Client Sample ID: SB-14 (g)

York Sample ID: 20G0940-20

York Project (SDG) No.

Client Project ID

Matrix

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20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
75-00-3	Chloroethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
67-66-3	Chloroform	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
74-87-3	Chloromethane	4.6	CCV-E, ICV-E, QL-02, J, B	ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 21:13	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 21:13	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 21:13	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 21:13	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 21:13	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 21:13	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 21:13	TMP
75-09-2	Methylene chloride	27		ug/kg dry	6.8	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP



Sample Information

Client Sample ID: SB-14 (g)

York Sample ID: 20G0940-20

York Project (SDG) No.

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20G0940

Brooklyn Waterfront

Soil

July 24, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
95-47-6	o-Xylene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/28/2020 06:25	07/28/2020 21:13	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.8	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/28/2020 06:25	07/28/2020 21:13	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
100-42-5	Styrene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/28/2020 06:25	07/28/2020 21:13	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
108-88-3	Toluene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH	07/28/2020 06:25	07/28/2020 21:13	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/28/2020 06:25	07/28/2020 21:13	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	117 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	101 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	110 %	76-130								



Sample Information

Client Sample ID: SB-14 (g)

York Sample ID: 20G0940-20

York Project (SDG) No.
20G0940

Client Project ID
Brooklyn Waterfront

Matrix
Soil

Collection Date/Time
July 24, 2020 12:00 am

Date Received
07/24/2020

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	07/28/2020 06:25	07/28/2020 21:13	TMP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.1		%	0.100	1	SM 2540G Certifications: CTDOH	07/27/2020 08:10	07/27/2020 17:18	WJM



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20G0940-01	SB-5 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0940-02	SB-6 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0940-03	SB-7 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0940-04	SB-8 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0940-05	SB-9 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0940-06	SB-10 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0940-07	SB-11 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0940-08	SB-12 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0940-09	SB-13 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0940-10	SB-14 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G0940-11	SB-5 (g)	40mL Vial with Stir Bar-Cool 4° C
20G0940-12	SB-6 (g)	40mL Vial with Stir Bar-Cool 4° C
20G0940-13	SB-7 (g)	40mL Vial with Stir Bar-Cool 4° C
20G0940-14	SB-8 (g)	40mL Vial with Stir Bar-Cool 4° C
20G0940-15	SB-9 (g)	40mL Vial with Stir Bar-Cool 4° C
20G0940-16	SB-10 (g)	40mL Vial with Stir Bar-Cool 4° C
20G0940-17	SB-11 (g)	40mL Vial with Stir Bar-Cool 4° C
20G0940-18	SB-12 (g)	40mL Vial with Stir Bar-Cool 4° C
20G0940-19	SB-13 (g)	40mL Vial with Stir Bar-Cool 4° C
20G0940-20	SB-14 (g)	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
CCV-L	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased low.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
EXT-COMP	Completed
EXT-Temp	Extraction temperature slightly exceeded acceptance range.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
HT-04	NON-COMPLIANT- Client requested analysis be conducted outside of holding times.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
IGN-01	Non-Ignit.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
VOA-E	The concentration reported for this analyte is an estimated value above the linear range of the instrument for EPA SW846-5035/8260 (>200ppb). Re-analysis using 5035/8260 medium level prep. resulted in a detection below the reporting limit (<500ppb).
M-CRL	The RL check for this element recovered outside of control limits.
M-EBIk	This element was detected in the TCLP or SPLP fluid extraction blank > than the Reporting Limit.
M-ICV1	The recovery for this element in the Initial Calibration Verification (ICV) exceeded 110% of the expected value. Positive detections may be biased high.
M-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
M-MBLk	Analyte was detected in the batch method blank above the Reporting Limit.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
S-08	The recovery of this surrogate was outside of QC limits.
S-DUP	Duplicate analysis confirmed surrogate failure due to matrix effects.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)



RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to include additional analyses.



York Analytical Laboratories, Inc.
 120 Research Drive
 Stratford, CT 06615
 clientservices@yorklab.com
 www.yorklab.com

YORK
 ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

YORK Project No.
 2060940

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

Page 1 of 1

YOUR INFORMATION		REPORT TO:		INVOICE TO:		YOUR PROJECT NUMBER		TURN-AROUND TIME	
Company: Ecoterra Consulting	Company: Same	Company: Same	Company: Same	Company: Same	Company: Same	Company: Same	Company: Same	Company: Same	Company: Same
Address: 2 Calverton Ave Piscataway, NJ	Address: Same	Address: Same	Address: Same	Address: Same	Address: Same	Address: Same	Address: Same	Address: Same	Address: Same
Phone: 732-624-6999	Phone: Same	Phone: Same	Phone: Same	Phone: Same	Phone: Same	Phone: Same	Phone: Same	Phone: Same	Phone: Same
Contact: H. Patel	Contact: Same	Contact: Same	Contact: Same	Contact: Same	Contact: Same	Contact: Same	Contact: Same	Contact: Same	Contact: Same
E-mail: hpatel@ecoterraconsulting.com	E-mail: Same	E-mail: Same	E-mail: Same	E-mail: Same	E-mail: Same	E-mail: Same	E-mail: Same	E-mail: Same	E-mail: Same
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.		YOUR PROJECT NAME Brooklyn Waterfront		YOUR PO#:		YOUR PROJECT NUMBER		TURN-AROUND TIME RUSH - Next Day RUSH - Two Day RUSH - Three Day RUSH - Four Day Standard (5-7 Day)	
Samples Collected by: (print your name above and sign below) H. Patel		Matrix Codes S - soil / solid GW - groundwater DW - drinking water WW - wastewater O - Oil ; Other		Samples From New York New Jersey Connecticut Pennsylvania Other		Report / EDD Type (circle selections) Standard Excel EDD EquiS (Standard) NYSDEC EQUiS NUDEP Reduced Deliverables NUDEP SRP HazSite Other:		YORK Reg. Comp. Compared to the following Regulation(s): (please fill in)	
Sample Identification		Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description	
SB-4 (comp)		S		7/24/20		TAL/TCU/30, EPH, PCB, PeB, Herb, 2-SOG		jars	
SB-6 (comp)		S		↓		Her. chrome		↓	
SB-7 (comp)		S		↓		ACRA Metals		↓	
SB-8 (comp)		S		↓		Full TCP		↓	
SB-9 (comp)		S		↓		↓		↓	
SB-10 (comp)		S		↓		↓		↓	
SB-11 (comp)		S		↓		↓		↓	
SB-12 (comp)		S		↓		↓		↓	
SB-13 (comp)		S		↓		↓		↓	
SB-14 (comp)		S		↓		↓		↓	
Comments: HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___ Preservation: (check all that apply)									
Date/Time		Date/Time		Date/Time		Date/Time		Date/Time	
7/24/20 2:15pm		7/24/20 14:52		7/24/20		7/24/20		7/24	
Relinquished by / Company		Relinquished by / Company		Relinquished by / Company		Relinquished by / Company		Relinquished by / Company	
Ed York		Ed York		Ed York		Ed York		Ed York	
Temp. Received at Lab		Temp. Received at Lab		Temp. Received at Lab		Temp. Received at Lab		Temp. Received at Lab	
3.4		3.4		3.4		3.4		3.4	



York Analytical Laboratories, Inc.
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Stratford, CT 06615
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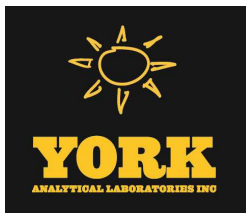
Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.
2060940

Page **1** of **1**

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company: <i>Frattola Consulting LLC</i>	Company: <i>Frattola Consulting LLC</i>	Company: <i>Same</i>	Company:	Company:	Company:	YOUR Project Name <i>Brooklyn Waterfront</i>		RUSH - Next Day	Standard (5-7 Day) <input checked="" type="checkbox"/>
Address: <i>2 Cabotway Ave</i>	Address: <i>2 Cabotway Ave</i>	Address: <i>Same</i>	Address:	Address:	Address:	YOUR PO#:		RUSH - Two Day	
Phone: <i>732-624-9999</i>	Phone: <i>732-624-9999</i>	Phone: <i>Same</i>	Phone:	Phone:	Phone:			RUSH - Three Day	
Contact: <i>H. Patel</i>	Contact: <i>H. Patel</i>	Contact: <i>Same</i>	Contact:	Contact:	Contact:			RUSH - Four Day	
E-mail: <i>h.patel@frattolaconsulting.com</i>	E-mail: <i>h.patel@frattolaconsulting.com</i>	E-mail: <i>Same</i>	E-mail:	E-mail:	E-mail:				
<p>Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.</p> <p><i>Helanah Patel</i></p> <p>Samples Collected by: (print your name above and sign below) <i>Helanah Patel</i></p>									
Sample Identification	Sample Matrix	Matrix Codes	Samples From	Report / EDD Type (circle selections)	YORK Reg. Comp.	Container Description			
<i>SB-4 (G)</i>	<i>S</i>	<input checked="" type="checkbox"/> S - soil / solid <input type="checkbox"/> GW - groundwater <input type="checkbox"/> DW - drinking water <input type="checkbox"/> WW - wastewater <input type="checkbox"/> O - Oil ; Other	<input checked="" type="checkbox"/> New York <input type="checkbox"/> New Jersey <input type="checkbox"/> Connecticut <input type="checkbox"/> Pennsylvania <input type="checkbox"/> Other	Summary Report CT RCP CT RCP DQ/DUE QA Report NY ASP A Package NY ASP B Package	Compared to the following Regulation(s): (please fill in)	<i>TAI TPT + 30 EPH, PCB, Hexachlorocyclohexane, Dieldrin, Aldrin, Heptachlor Epoxide, Heptachlor Epoxide, Full Scale.</i>			
<i>SB-6 (G)</i>	<i>S</i>					<i>NOs.</i>			
<i>SB-7 (G)</i>	<i>S</i>					<i>NOs.</i>			
<i>SB-8 (G)</i>	<i>S</i>					<i>NOs.</i>			
<i>SB-9 (G)</i>	<i>S</i>					<i>NOs.</i>			
<i>SB-10 (G)</i>	<i>S</i>					<i>NOs.</i>			
<i>SB-11 (G)</i>	<i>S</i>					<i>NOs.</i>			
<i>SB-12 (G)</i>	<i>S</i>					<i>NOs.</i>			
<i>SB-13 (G)</i>	<i>S</i>					<i>NOs.</i>			
<i>SB-14 (G)</i>	<i>S</i>					<i>NOs.</i>			
<p>Comments:</p> <p>HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___</p>									
Samples Relinquished by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Special Instruction			
<i>Ed/York</i>	<i>7/24/20 2:15pm</i>	<i>Ed/York</i>	<i>7/24/20 1415</i>	<i>Ed/York</i>	<i>7/24/20 1822</i>	<i>NOs.</i>			
Samples Relinquished by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Temp. Received at Lab			
<i>Ed/York</i>	<i>7/24/20 16:52</i>	<i>Ed/York</i>	<i>7/24/20 1822</i>	<i>Ed/York</i>	<i>7/24/20 1822</i>	<i>3.4</i>			



Technical Report

prepared for:

EcoTerra Consulting LLC

10 Willow Drive

Edison NJ, 08820

Attention: Hetansh Patel

Report Date: 10/02/2020

Client Project ID: Brooklyn Waterfront

York Project (SDG) No.: 20G1038

Revision No. 2.0

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
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FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 10/02/2020
Client Project ID: Brooklyn Waterfront
York Project (SDG) No.: 20G1038

EcoTerra Consulting LLC
10 Willow Drive
Edison NJ, 08820
Attention: Hetansh Patel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 28, 2020 with a temperature of 3.5 C. The project was identified as your project: **Brooklyn Waterfront**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
20G1038-01	SB-5 (Comp)	Soil	07/27/2020	07/28/2020
20G1038-02	SB-3 (Comp)	Soil	07/27/2020	07/28/2020
20G1038-03	SB-2 (Comp)	Soil	07/27/2020	07/28/2020
20G1038-04	SB-1 (Comp)	Soil	07/27/2020	07/28/2020
20G1038-05	SB-5 (g)	Soil	07/27/2020	07/28/2020
20G1038-06	SB-3 (g)	Soil	07/27/2020	07/28/2020
20G1038-07	SB-2 (g)	Soil	07/27/2020	07/28/2020
20G1038-08	SB-1 (g)	Soil	07/27/2020	07/28/2020

General Notes for York Project (SDG) No.: 20G1038

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 10/02/2020





Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G1038-01

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:07	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:07	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:07	SS
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:07	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:07	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:07	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:07	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:07	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:07	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:07	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:07	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	107 %	77-125
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.3 %	76-130
2037-26-5	Surrogate: SURR: Toluene-d8	98.4 %	85-120

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G1038-01

York Project (SDG) No.

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20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G1038-01

York Project (SDG) No.

Client Project ID

Matrix

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20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
62-53-3	Aniline	ND		ug/kg dry	176	351	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
120-12-7	Anthracene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
92-87-5	Benzidine	ND		ug/kg dry	176	351	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
56-55-3	Benzo(a)anthracene	61.7	J	ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
50-32-8	Benzo(a)pyrene	71.5	J	ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
205-99-2	Benzo(b)fluoranthene	65.2	J	ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
191-24-2	Benzo(g,h,i)perylene	49.0	J	ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
207-08-9	Benzo(k)fluoranthene	55.4	J	ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
65-85-0	Benzoic acid	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G1038-01

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
105-60-2	Caprolactam	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
86-74-8	Carbazole	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
218-01-9	Chrysene	56.1	J	ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications:	07/31/2020 07:28	07/31/2020 21:17	KH
206-44-0	Fluoranthene	102		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
86-73-7	Fluorene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
193-39-5	Indeno(1,2,3-cd)pyrene	44.1	J	ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
78-59-1	Isophorone	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH



Sample Information

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20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
85-01-8	Phenanthrene	45.5	J	ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
108-95-2	Phenol	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
129-00-0	Pyrene	90.4		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:17	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	72.9 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	78.4 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	94.0 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	69.5 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	88.8 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	86.0 %	24-116								

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/30/2020 15:16	08/03/2020 11:39	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 11:39	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 11:39	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 11:39	KH
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 11:39	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 11:39	KH



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G1038-01

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/30/2020 15:16	08/03/2020 11:39	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 11:39	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 11:39	KH
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 11:39	KH
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 11:39	KH
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 11:39	KH
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 11:39	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	49.0 %			10-90.9						
4165-62-2	Surrogate: SURRE: Phenol-d5	37.0 %			10-69.2						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	69.4 %			19.2-141						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	54.8 %			24.8-127						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	78.5 %			23-163						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	83.3 %			25.8-110						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	07/31/2020 07:28	07/31/2020 21:17	KH

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:05	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:05	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:05	CM



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G1038-01

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:05	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:05	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/31/2020 07:19	08/04/2020 00:05	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:05	CM
57-74-9	Chlordane, total	ND		ug/kg dry	34.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:05	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:05	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:05	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:05	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/31/2020 07:19	08/04/2020 00:05	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:05	CM
72-20-8	Endrin	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:05	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:05	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:05	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:05	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/31/2020 07:19	08/04/2020 00:05	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:05	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:05	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:05	CM
8001-35-2	Toxaphene	ND		ug/kg dry	87.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:05	CM

Surrogate Recoveries

	Surrogate	Result	Flag	Acceptance Range
2051-24-3	Surrogate: Decachlorobiphenyl	163 %	S-GC	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	96.8 %		30-150



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G1038-01

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 15:58	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 15:58	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 15:58	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 15:58	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 15:58	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 15:58	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 15:58	CM
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	32.6 %			30-120						
877-09-8	Surrogate: Tetrachloro-m-xylene	89.4 %			30-120						

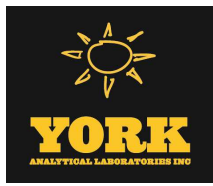
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:08	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:08	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:08	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:08	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:08	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:08	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:08	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:08	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:08	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	07/31/2020 07:19	08/03/2020 17:08	BJ



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G1038-01

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	85.0 %								
2051-24-3	Surrogate: Decachlorobiphenyl	92.0 %								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	20.9	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 13:52	08/04/2020 14:31	CM
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.9	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 13:52	08/04/2020 14:31	CM
94-75-7	2,4-D	ND		ug/kg dry	20.9	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 13:52	08/04/2020 14:31	CM
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	76.6 %								

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2020 13:36	08/04/2020 11:34	CM
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2020 13:36	08/04/2020 11:34	CM
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	57.4 %								

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	52.4	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/31/2020 07:26	08/03/2020 19:36	SGM
Surrogate Recoveries		Result	Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	51.4 %								
84-15-1	Surrogate: o-Terphenyl	53.5 %								



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G1038-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4840		mg/kg dry	5.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML
7440-36-0	Antimony	ND		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML
7440-38-2	Arsenic	1.89		mg/kg dry	1.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML
7440-39-3	Barium	27.1		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.317	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML
7440-70-2	Calcium	3690		mg/kg dry	5.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML
7440-47-3	Chromium	9.62		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML
7440-48-4	Cobalt	5.15		mg/kg dry	0.423	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML
7440-50-8	Copper	16.2		mg/kg dry	2.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML
7439-89-6	Iron	12400		mg/kg dry	26.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML
7439-92-1	Lead	27.8		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML
7439-95-4	Magnesium	2020		mg/kg dry	5.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML
7439-96-5	Manganese	188		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML
7440-02-0	Nickel	11.5		mg/kg dry	1.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML
7440-09-7	Potassium	997		mg/kg dry	5.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML
7782-49-2	Selenium	ND		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML
7440-22-4	Silver	ND		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML
7440-23-5	Sodium	488		mg/kg dry	52.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML
7440-28-0	Thallium	ND		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML
7440-62-2	Vanadium	14.1		mg/kg dry	1.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML
7440-66-6	Zinc	39.0		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:12	KML



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G1038-01

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:08	KML
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:08	KML
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:08	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:08	KML
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:08	KML
7782-49-2	Selenium	0.728		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:08	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:08	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.211		mg/kg dry	0.0317	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/28/2020 13:19	07/28/2020 17:18	MAO

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/30/2020 13:18	07/30/2020 15:03	SY

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.529	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/30/2020 08:43	07/30/2020 16:13	WJM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.56		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	07/29/2020 11:15	07/29/2020 14:56	ZTS



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G1038-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.529	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 08:57	07/30/2020 14:37	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.56		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/29/2020 11:15	07/29/2020 15:50	WJM

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/30/2020 12:17	07/30/2020 22:42	MAO

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/30/2020 12:19	07/30/2020 22:42	MAO

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.1		°C	1.00	1	EPA 170.1 Certifications:	07/29/2020 11:15	07/29/2020 14:56	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.	HT-04	None	1	1	EPA 1030P Certifications:	09/08/2020 10:11	09/08/2020 10:13	TAJ

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	220	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/29/2020 12:23	07/29/2020 15:53	WJM



Sample Information

Client Sample ID: SB-5 (Comp)

York Sample ID: 20G1038-01

York Project (SDG) No. 20G1038 Client Project ID Brooklyn Waterfront Matrix Soil Collection Date/Time July 27, 2020 12:00 am Date Received 07/28/2020

Paint Filter Test

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: Paint Filter Test, No Free Liquid, None, 0.05, 1, EPA 9095B, 07/30/2020 00:58, 07/30/2020 02:05, AA. Certifications: NELAC-NY10854,NJDEP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: * % Solids, 94.5, %, 0.100, 1, SM 2540G, 07/29/2020 08:06, 07/29/2020 15:41, WJM. Certifications: CTDOH

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/29/2020 17:06, 07/30/2020 11:58, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/29/2020 16:46, 07/30/2020 12:00, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/29/2020 16:04, 07/30/2020 10:29, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

Sample Information

Client Sample ID: SB-3 (Comp)

York Sample ID: 20G1038-02

York Project (SDG) No. 20G1038 Client Project ID Brooklyn Waterfront Matrix Soil Collection Date/Time July 27, 2020 12:00 am Date Received 07/28/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst



Sample Information

Client Sample ID: SB-3 (Comp)

York Sample ID: 20G1038-02

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/30/2020 09:30	07/30/2020 15:32	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/30/2020 09:30	07/30/2020 15:32	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/30/2020 09:30	07/30/2020 15:32	SS
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/30/2020 09:30	07/30/2020 15:32	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/30/2020 09:30	07/30/2020 15:32	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/30/2020 09:30	07/30/2020 15:32	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/30/2020 09:30	07/30/2020 15:32	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/30/2020 09:30	07/30/2020 15:32	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/30/2020 09:30	07/30/2020 15:32	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/30/2020 09:30	07/30/2020 15:32	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY11	07/30/2020 09:30	07/30/2020 15:32	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	105 %	77-125
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	94.7 %	76-130
2037-26-5	Surrogate: SURRE: Toluene-d8	98.6 %	85-120

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH



Sample Information

Client Sample ID: SB-3 (Comp)

York Sample ID: 20G1038-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH



Sample Information

Client Sample ID: SB-3 (Comp)

York Sample ID: 20G1038-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
83-32-9	Acenaphthene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
98-86-2	Acetophenone	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
62-53-3	Aniline	ND		ug/kg dry	184	368	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
120-12-7	Anthracene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
1912-24-9	Atrazine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
92-87-5	Benzidine	ND		ug/kg dry	184	368	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
56-55-3	Benzo(a)anthracene	57.2	J	ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
50-32-8	Benzo(a)pyrene	85.9	J	ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
205-99-2	Benzo(b)fluoranthene	73.4	J	ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
191-24-2	Benzo(g,h,i)perylene	60.9	J	ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
207-08-9	Benzo(k)fluoranthene	60.2	J	ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
65-85-0	Benzoic acid	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH



Sample Information

Client Sample ID: SB-3 (Comp)

York Sample ID: 20G1038-02

York Project (SDG) No.

Client Project ID

Matrix

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Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
105-60-2	Caprolactam	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
86-74-8	Carbazole	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
218-01-9	Chrysene	58.7	J	ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications:	07/31/2020 07:28	07/31/2020 21:46	KH
206-44-0	Fluoranthene	105		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
86-73-7	Fluorene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
193-39-5	Indeno(1,2,3-cd)pyrene	51.4	J	ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
78-59-1	Isophorone	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH



Sample Information

Client Sample ID: SB-3 (Comp)

York Sample ID: 20G1038-02

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Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
85-01-8	Phenanthrene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
108-95-2	Phenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH
129-00-0	Pyrene	101		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 21:46	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURR: 2-Fluorophenol	62.5 %	20-108
4165-62-2	Surrogate: SURR: Phenol-d5	66.6 %	23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	82.8 %	22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	61.0 %	21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	77.2 %	19-110
1718-51-0	Surrogate: SURR: Terphenyl-d14	70.8 %	24-116

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/30/2020 15:16	08/03/2020 12:10	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:10	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:10	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:10	KH
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:10	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:10	KH



Sample Information

Client Sample ID: SB-3 (Comp)

York Sample ID: 20G1038-02

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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/30/2020 15:16	08/03/2020 12:10	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:10	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:10	KH
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:10	KH
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:10	KH
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:10	KH
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:10	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	64.3 %			10-90.9						
4165-62-2	Surrogate: SURR: Phenol-d5	48.2 %			10-69.2						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	92.4 %			19.2-141						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	74.5 %			24.8-127						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	90.3 %			23-163						
1718-51-0	Surrogate: SURR: Terphenyl-d14	87.1 %			25.8-110						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	07/31/2020 07:28	07/31/2020 21:46	KH

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 11:51	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 11:51	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 11:51	CM



Sample Information

Client Sample ID: SB-3 (Comp)

York Sample ID: 20G1038-02

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 11:51	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 11:51	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/31/2020 07:19	08/04/2020 11:51	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 11:51	CM
57-74-9	Chlordane, total	ND		ug/kg dry	36.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 11:51	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 11:51	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 11:51	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 11:51	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/31/2020 07:19	08/04/2020 11:51	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 11:51	CM
72-20-8	Endrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 11:51	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 11:51	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 11:51	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 11:51	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/31/2020 07:19	08/04/2020 11:51	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 11:51	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 11:51	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 11:51	CM
8001-35-2	Toxaphene	ND		ug/kg dry	91.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 11:51	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	Surrogate: Decachlorobiphenyl	111 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	48.7 %	30-150



Sample Information

Client Sample ID: SB-3 (Comp)

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<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 16:15	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 16:15	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 16:15	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 16:15	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 16:15	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 16:15	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 16:15	CM
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	141 %	S-GC			30-120					
877-09-8	Surrogate: Tetrachloro-m-xylene	84.5 %				30-120					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:21	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:21	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:21	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:21	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:21	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:21	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:21	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:21	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:21	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	07/31/2020 07:19	08/03/2020 17:21	BJ



Sample Information

Client Sample ID: SB-3 (Comp)

York Sample ID: 20G1038-02

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	64.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	63.5 %								

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.8	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 13:52	08/04/2020 14:53	CM
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.8	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 13:52	08/04/2020 14:53	CM
94-75-7	2,4-D	ND		ug/kg dry	21.8	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 13:52	08/04/2020 14:53	CM
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	71.6 %								

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2020 13:36	08/04/2020 11:44	CM
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2020 13:36	08/04/2020 11:44	CM
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	65.6 %								

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	54.7	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/31/2020 07:26	08/03/2020 20:05	SGM
Surrogate Recoveries		Result	Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	56.2 %								
84-15-1	Surrogate: o-Terphenyl	59.3 %								



Sample Information

Client Sample ID: SB-3 (Comp)

York Sample ID: 20G1038-02

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5650		mg/kg dry	5.52	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML
7440-36-0	Antimony	ND		mg/kg dry	2.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML
7440-38-2	Arsenic	ND		mg/kg dry	1.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML
7440-39-3	Barium	52.0		mg/kg dry	2.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.331	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML
7440-70-2	Calcium	6760		mg/kg dry	5.52	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML
7440-47-3	Chromium	14.5		mg/kg dry	0.552	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML
7440-48-4	Cobalt	7.63		mg/kg dry	0.442	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML
7440-50-8	Copper	19.6		mg/kg dry	2.21	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML
7439-89-6	Iron	11300		mg/kg dry	27.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML
7439-92-1	Lead	52.0		mg/kg dry	0.552	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML
7439-95-4	Magnesium	5020		mg/kg dry	5.52	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML
7439-96-5	Manganese	280		mg/kg dry	0.552	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML
7440-02-0	Nickel	33.9		mg/kg dry	1.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML
7440-09-7	Potassium	1470		mg/kg dry	5.52	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML
7782-49-2	Selenium	ND		mg/kg dry	2.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML
7440-22-4	Silver	ND		mg/kg dry	0.552	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML
7440-23-5	Sodium	478		mg/kg dry	55.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML
7440-28-0	Thallium	ND		mg/kg dry	2.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML
7440-62-2	Vanadium	18.5		mg/kg dry	1.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML
7440-66-6	Zinc	54.3		mg/kg dry	2.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:14	KML



Sample Information

Client Sample ID: SB-3 (Comp)

York Sample ID: 20G1038-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:11	KML
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:11	KML
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:11	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:11	KML
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:11	KML
7782-49-2	Selenium	0.813		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:11	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:11	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.185		mg/kg dry	0.0331	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/28/2020 13:19	07/28/2020 17:27	MAO

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/30/2020 13:18	07/30/2020 15:12	SY

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.552	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/30/2020 08:43	07/30/2020 16:13	WJM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.83		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	07/29/2020 11:15	07/29/2020 14:56	ZTS



Sample Information

Client Sample ID: SB-3 (Comp)

York Sample ID: 20G1038-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.552	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 08:57	07/30/2020 14:37	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.83		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/29/2020 11:15	07/29/2020 15:50	WJM

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/30/2020 12:17	07/30/2020 22:42	MAO

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/30/2020 12:19	07/30/2020 22:42	MAO

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	21.7		°C	1.00	1	EPA 170.1 Certifications:	07/29/2020 11:15	07/29/2020 14:56	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.	HT-04	None	1	1	EPA 1030P Certifications:	09/08/2020 10:11	09/08/2020 10:13	TAJ

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	220	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/29/2020 12:23	07/29/2020 15:53	WJM



Sample Information

Client Sample ID: SB-3 (Comp)

York Sample ID: 20G1038-02

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.5		%	0.100	1	SM 2540G Certifications: CTDOH	07/29/2020 08:06	07/29/2020 15:41	WJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 17:06	07/30/2020 11:58	TAJ

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 16:46	07/30/2020 12:00	TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 16:04	07/30/2020 10:29	TAJ

Sample Information

Client Sample ID: SB-2 (Comp)

York Sample ID: 20G1038-03

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:58	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:58	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:58	SS



Sample Information

Client Sample ID: SB-2 (Comp)

York Sample ID: 20G1038-03

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:58	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:58	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:58	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:58	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:58	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:58	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:58	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 15:58	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	105 %			77-125						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	93.7 %			76-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	98.4 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH



Sample Information

Client Sample ID: SB-2 (Comp)

York Sample ID: 20G1038-03

York Project (SDG) No.

Client Project ID

Matrix

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20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH



Sample Information

Client Sample ID: SB-2 (Comp)

York Sample ID: 20G1038-03

York Project (SDG) No.

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20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
83-32-9	Acenaphthene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
98-86-2	Acetophenone	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
62-53-3	Aniline	ND		ug/kg dry	196	391	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
120-12-7	Anthracene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
1912-24-9	Atrazine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
92-87-5	Benzidine	ND		ug/kg dry	196	391	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
65-85-0	Benzoic acid	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH



Sample Information

Client Sample ID: SB-2 (Comp)

York Sample ID: 20G1038-03

York Project (SDG) No.

Client Project ID

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Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
105-60-2	Caprolactam	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
86-74-8	Carbazole	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
218-01-9	Chrysene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications:	07/31/2020 07:28	07/31/2020 22:16	KH
206-44-0	Fluoranthene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
86-73-7	Fluorene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
78-59-1	Isophorone	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
91-20-3	Naphthalene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH



Sample Information

Client Sample ID: SB-2 (Comp)

York Sample ID: 20G1038-03

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
85-01-8	Phenanthrene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
108-95-2	Phenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
129-00-0	Pyrene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 22:16	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	64.6 %			20-108						
4165-62-2	Surrogate: SURRE: Phenol-d5	67.3 %			23-114						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	83.4 %			22-108						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	60.7 %			21-113						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	77.0 %			19-110						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	69.6 %			24-116						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/30/2020 15:16	08/03/2020 12:41	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:41	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:41	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:41	KH
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:41	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:41	KH
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/30/2020 15:16	08/03/2020 12:41	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:41	KH



Sample Information

Client Sample ID: SB-2 (Comp)

York Sample ID: 20G1038-03

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:41	KH
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:41	KH
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:41	KH
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:41	KH
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 12:41	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	59.5 %			10-90.9						
4165-62-2	Surrogate: SURRE: Phenol-d5	43.9 %			10-69.2						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	87.2 %			19.2-141						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	68.4 %			24.8-127						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	88.2 %			23-163						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	88.6 %			25.8-110						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	07/31/2020 07:28	07/31/2020 22:16	KH

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:21	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:21	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:21	CM
309-00-2	Aldrin	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:21	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:21	CM



Sample Information

Client Sample ID: SB-2 (Comp)

York Sample ID: 20G1038-03

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/31/2020 07:19	08/04/2020 00:21	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:21	CM
57-74-9	Chlordane, total	ND		ug/kg dry	39.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:21	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:21	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:21	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:21	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/31/2020 07:19	08/04/2020 00:21	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:21	CM
72-20-8	Endrin	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:21	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:21	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:21	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:21	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/31/2020 07:19	08/04/2020 00:21	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:21	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:21	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:21	CM
8001-35-2	Toxaphene	ND		ug/kg dry	99.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 00:21	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	86.2 %	S-GC	30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	68.7 %		30-150						

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-2 (Comp)

York Sample ID: 20G1038-03

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 16:32	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 16:32	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 16:32	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 16:32	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 16:32	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 16:32	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 16:32	CM
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	168 %	S-GC		30-120						
877-09-8	Surrogate: Tetrachloro-m-xylene	87.4 %			30-120						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:35	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:35	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:35	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:35	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:35	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:35	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:35	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:35	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:35	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications:	07/31/2020 07:19	08/03/2020 17:35	BJ



Sample Information

Client Sample ID: SB-2 (Comp)

York Sample ID: 20G1038-03

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	60.5 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	45.5 %			30-140					

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	23.3	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 13:52	08/04/2020 15:04	CM
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	23.3	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 13:52	08/04/2020 15:04	CM
94-75-7	2,4-D	ND		ug/kg dry	23.3	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 13:52	08/04/2020 15:04	CM
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	71.2 %			21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2020 13:36	08/04/2020 11:55	CM
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2020 13:36	08/04/2020 11:55	CM
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	64.4 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	58.4	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/31/2020 07:26	08/03/2020 20:35	SGM
Surrogate Recoveries		Result	Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	49.8 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	52.4 %			28.7-124					



Sample Information

Client Sample ID: SB-2 (Comp)

York Sample ID: 20G1038-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	10400		mg/kg dry	5.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML
7440-36-0	Antimony	ND		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML
7440-38-2	Arsenic	ND		mg/kg dry	1.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML
7440-39-3	Barium	32.7		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.354	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML
7440-70-2	Calcium	610		mg/kg dry	5.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML
7440-47-3	Chromium	13.1		mg/kg dry	0.590	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML
7440-48-4	Cobalt	6.88		mg/kg dry	0.472	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML
7440-50-8	Copper	12.9		mg/kg dry	2.36	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML
7439-89-6	Iron	16300		mg/kg dry	29.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML
7439-92-1	Lead	6.88		mg/kg dry	0.590	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML
7439-95-4	Magnesium	2880		mg/kg dry	5.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML
7439-96-5	Manganese	130		mg/kg dry	0.590	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML
7440-02-0	Nickel	12.4		mg/kg dry	1.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML
7440-09-7	Potassium	1180		mg/kg dry	5.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML
7782-49-2	Selenium	ND		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML
7440-22-4	Silver	ND		mg/kg dry	0.590	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML
7440-23-5	Sodium	808		mg/kg dry	59.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML
7440-28-0	Thallium	ND		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML
7440-62-2	Vanadium	18.0		mg/kg dry	1.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML
7440-66-6	Zinc	35.2		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:16	KML



Sample Information

Client Sample ID: SB-2 (Comp)

York Sample ID: 20G1038-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:14	KML
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:14	KML
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:14	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:14	KML
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:14	KML
7782-49-2	Selenium	0.654		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:14	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:14	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0354	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/28/2020 13:19	07/28/2020 17:37	MAO

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/30/2020 13:18	07/30/2020 15:53	ZTS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.590	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/30/2020 08:43	07/30/2020 16:13	WJM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.81		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	07/29/2020 11:15	07/29/2020 14:56	ZTS



Sample Information

Client Sample ID: SB-2 (Comp)

York Sample ID: 20G1038-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.590	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 08:57	07/30/2020 14:37	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.81		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/29/2020 11:15	07/29/2020 15:50	WJM

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/30/2020 12:17	07/30/2020 22:42	MAO

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/30/2020 12:19	07/30/2020 22:42	MAO

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	21.8		°C	1.00	1	EPA 170.1 Certifications:	07/29/2020 11:15	07/29/2020 14:56	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.	HT-04	None	1	1	EPA 1030P Certifications:	09/08/2020 10:11	09/08/2020 10:13	TAJ

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	240	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/29/2020 12:23	07/29/2020 15:53	WJM



Sample Information

Client Sample ID: SB-2 (Comp)

York Sample ID: 20G1038-03

York Project (SDG) No. 20G1038 Client Project ID Brooklyn Waterfront Matrix Soil Collection Date/Time July 27, 2020 12:00 am Date Received 07/28/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, * % Solids, 84.8, %, 0.100, 1, SM 2540G, 07/29/2020 08:06, 07/29/2020 15:41, WJM. Certifications: CTDOH

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/29/2020 17:06, 07/30/2020 11:58, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/29/2020 16:46, 07/30/2020 12:00, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/29/2020 16:04, 07/30/2020 10:29, TAJ. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

Sample Information

Client Sample ID: SB-1 (Comp)

York Sample ID: 20G1038-04

York Project (SDG) No. 20G1038 Client Project ID Brooklyn Waterfront Matrix Soil Collection Date/Time July 27, 2020 12:00 am Date Received 07/28/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows 1-3: 75-35-4, 107-06-2, 106-46-7. All results are ND. Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:



Sample Information

Client Sample ID: SB-1 (Comp)

York Sample ID: 20G1038-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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Brooklyn Waterfront

Soil

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07/28/2020

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 16:23	SS
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 16:23	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 16:23	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 16:23	SS
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 16:23	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 16:23	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 16:23	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/30/2020 09:30	07/30/2020 16:23	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	106 %			77-125						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	93.6 %			76-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	98.9 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	673	1340	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	673	1340	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH



Sample Information

Client Sample ID: SB-1 (Comp)

York Sample ID: 20G1038-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	673	1340	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	673	1340	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	673	1340	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	673	1340	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH



Sample Information

Client Sample ID: SB-1 (Comp)

York Sample ID: 20G1038-04

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	673	1340	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	673	1340	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
83-32-9	Acenaphthene	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
98-86-2	Acetophenone	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
62-53-3	Aniline	ND		ug/kg dry	1350	2690	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
120-12-7	Anthracene	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
1912-24-9	Atrazine	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
92-87-5	Benzidine	ND		ug/kg dry	1350	2690	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
56-55-3	Benzo(a)anthracene	656	J	ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
50-32-8	Benzo(a)pyrene	554	J	ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
205-99-2	Benzo(b)fluoranthene	441	J	ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
191-24-2	Benzo(g,h,i)perylene	419	J	ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
207-08-9	Benzo(k)fluoranthene	419	J	ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
65-85-0	Benzoic acid	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH



Sample Information

Client Sample ID: SB-1 (Comp)

York Sample ID: 20G1038-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		ug/kg dry	673	1340	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
86-74-8	Carbazole	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
218-01-9	Chrysene	613	J	ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	673	1340	10	EPA 8270D Certifications:	07/31/2020 07:28	07/31/2020 23:44	KH
206-44-0	Fluoranthene	1100		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
86-73-7	Fluorene	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
193-39-5	Indeno(1,2,3-cd)pyrene	339	J	ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
78-59-1	Isophorone	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
91-20-3	Naphthalene	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH



Sample Information

Client Sample ID: SB-1 (Comp)

York Sample ID: 20G1038-04

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
85-01-8	Phenanthrene	645	J	ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
108-95-2	Phenol	ND		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
129-00-0	Pyrene	1230		ug/kg dry	337	673	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:28	07/31/2020 23:44	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	53.4 %			20-108						
4165-62-2	Surrogate: SURRE: Phenol-d5	61.5 %			23-114						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	80.4 %			22-108						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	51.6 %			21-113						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	62.7 %			19-110						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	69.0 %			24-116						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/30/2020 15:16	08/03/2020 13:11	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 13:11	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 13:11	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 13:11	KH
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 13:11	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 13:11	KH
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	07/30/2020 15:16	08/03/2020 13:11	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 13:11	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 13:11	KH
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 13:11	KH



Sample Information

Client Sample ID: SB-1 (Comp)

York Sample ID: 20G1038-04

York Project (SDG) No.

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Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 13:11	KH
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 13:11	KH
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:16	08/03/2020 13:11	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	55.6 %			10-90.9						
4165-62-2	Surrogate: SURR: Phenol-d5	40.8 %			10-69.2						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	88.2 %			19.2-141						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	69.4 %			24.8-127						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	85.8 %			23-163						
1718-51-0	Surrogate: SURR: Terphenyl-d14	85.8 %			25.8-110						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			10	EPA 8270D Certifications:	07/31/2020 07:28	07/31/2020 23:44	KH

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 12:08	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 12:08	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 12:08	CM
309-00-2	Aldrin	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 12:08	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 12:08	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/31/2020 07:19	08/04/2020 12:08	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 12:08	CM



Sample Information

Client Sample ID: SB-1 (Comp)

York Sample ID: 20G1038-04

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/kg dry	35.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 12:08	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 12:08	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 12:08	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 12:08	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/31/2020 07:19	08/04/2020 12:08	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 12:08	CM
72-20-8	Endrin	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 12:08	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 12:08	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 12:08	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 12:08	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/31/2020 07:19	08/04/2020 12:08	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 12:08	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 12:08	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 12:08	CM
8001-35-2	Toxaphene	ND		ug/kg dry	88.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/04/2020 12:08	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	68.2 %		30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	22.5 %	S-GC	30-150

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 16:48	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 16:48	CM



Sample Information

Client Sample ID: SB-1 (Comp)

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Brooklyn Waterfront

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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 16:48	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 16:48	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 16:48	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 16:48	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 15:20	08/03/2020 16:48	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	163 %	S-GC	30-120
877-09-8	Surrogate: Tetrachloro-m-xylene	76.5 %		30-120

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:48	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:48	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:48	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:48	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:48	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:48	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:48	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:48	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/31/2020 07:19	08/03/2020 17:48	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	07/31/2020 07:19	08/03/2020 17:48	BJ

Surrogate Recoveries

Result

Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	32.0 %		30-140
2051-24-3	Surrogate: Decachlorobiphenyl	35.0 %		30-140



Sample Information

Client Sample ID: SB-1 (Comp)

York Sample ID: 20G1038-04

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.4	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 13:52	08/04/2020 15:14	CM
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.4	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 13:52	08/04/2020 15:14	CM
94-75-7	2,4-D	ND		ug/kg dry	21.4	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2020 13:52	08/04/2020 15:14	CM
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	67.0 %			21-150					

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2020 13:36	08/04/2020 12:06	CM
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2020 13:36	08/04/2020 12:06	CM
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	66.0 %			10-150					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	267		mg/kg dry	54.1	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	07/31/2020 07:26	08/03/2020 21:04	SGM
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	68.0 %			31.6-128					
84-15-1	Surrogate: o-Terphenyl	72.7 %			28.7-124					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6420		mg/kg dry	5.47	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML
7440-36-0	Antimony	ND		mg/kg dry	2.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML



Sample Information

Client Sample ID: SB-1 (Comp)

York Sample ID: 20G1038-04

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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.81		mg/kg dry	1.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML
7440-39-3	Barium	89.8		mg/kg dry	2.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.328	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML
7440-70-2	Calcium	41400		mg/kg dry	5.47	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML
7440-47-3	Chromium	13.6		mg/kg dry	0.547	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML
7440-48-4	Cobalt	5.27		mg/kg dry	0.437	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML
7440-50-8	Copper	30.5		mg/kg dry	2.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML
7439-89-6	Iron	12300		mg/kg dry	27.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML
7439-92-1	Lead	163		mg/kg dry	0.547	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML
7439-95-4	Magnesium	19600		mg/kg dry	5.47	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML
7439-96-5	Manganese	240		mg/kg dry	0.547	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML
7440-02-0	Nickel	19.0		mg/kg dry	1.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML
7440-09-7	Potassium	1010		mg/kg dry	5.47	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML
7782-49-2	Selenium	7.78		mg/kg dry	2.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML
7440-22-4	Silver	ND		mg/kg dry	0.547	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML
7440-23-5	Sodium	904		mg/kg dry	54.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML
7440-28-0	Thallium	ND		mg/kg dry	2.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML
7440-62-2	Vanadium	19.4		mg/kg dry	1.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML
7440-66-6	Zinc	75.7		mg/kg dry	2.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2020 16:10	07/30/2020 16:19	KML

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SB-1 (Comp)

York Sample ID: 20G1038-04

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:17	KML
7440-39-3	Barium	0.746		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:17	KML
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:17	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:17	KML
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:17	KML
7782-49-2	Selenium	0.707		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:17	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 13:11	07/30/2020 18:17	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.322		mg/kg dry	0.0328	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/28/2020 13:19	07/28/2020 17:45	MAO

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/30/2020 13:18	07/30/2020 16:03	ZTS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.547	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	07/30/2020 08:43	07/30/2020 16:13	WJM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.52		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	07/29/2020 11:15	07/29/2020 14:56	ZTS



Sample Information

Client Sample ID: SB-1 (Comp)

York Sample ID: 20G1038-04

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Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.547	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 08:57	07/30/2020 14:37	JAG

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.52		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP	07/29/2020 11:15	07/29/2020 15:50	WJM

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/30/2020 12:17	07/30/2020 22:42	MAO

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/30/2020 12:19	07/30/2020 22:42	MAO

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.0		°C	1.00	1	EPA 170.1 Certifications:	07/29/2020 11:15	07/29/2020 14:56	ZTS

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.	HT-04	None	1	1	EPA 1030P Certifications:	09/08/2020 10:11	09/08/2020 10:13	TAJ

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* ORP (Oxidation-Reduction Potential) (Ag/AgCl)	210	HT-01	mV	-200	1	ASTM 1498-08 M Certifications:	07/29/2020 12:23	07/29/2020 15:53	WJM



Sample Information

Client Sample ID: SB-1 (Comp)

York Sample ID: 20G1038-04

York Project (SDG) No.

Client Project ID

Matrix

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Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.5		%	0.100	1	SM 2540G Certifications: CTDOH	07/29/2020 08:06	07/29/2020 15:41	WJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 17:06	07/30/2020 11:58	TAJ

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOC/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 16:46	07/30/2020 12:00	TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/29/2020 16:04	07/30/2020 10:29	TAJ

Sample Information

Client Sample ID: SB-5 (g)

York Sample ID: 20G1038-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G1038

Brooklyn Waterfront

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP



Sample Information

Client Sample ID: SB-5 (g)

York Sample ID: 20G1038-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

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Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 21:43	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/31/2020 06:22	07/31/2020 21:43	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 21:43	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 21:43	TMP
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
67-64-1	Acetone	20	CCV-E , B	ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP



Sample Information

Client Sample ID: SB-5 (g)

York Sample ID: 20G1038-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 21:43	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 21:43	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 21:43	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 21:43	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 21:43	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 21:43	TMP



Sample Information

Client Sample ID: SB-5 (g)

York Sample ID: 20G1038-05

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 21:43	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 21:43	TMP
75-09-2	Methylene chloride	14		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/31/2020 06:22	07/31/2020 21:43	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/31/2020 06:22	07/31/2020 21:43	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 21:43	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH	07/31/2020 06:22	07/31/2020 21:43	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP



Sample Information

Client Sample ID: SB-5 (g)

York Sample ID: 20G1038-05

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 21:43	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	114 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	101 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	107 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	07/31/2020 06:22	07/31/2020 21:43	TMP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.9		%	0.100	1	SM 2540G Certifications: CTDOH	07/29/2020 08:06	07/29/2020 15:41	WJM

Sample Information

Client Sample ID: SB-3 (g)

York Sample ID: 20G1038-06

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP



Sample Information

Client Sample ID: SB-3 (g)

York Sample ID: 20G1038-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 22:10	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/31/2020 06:22	07/31/2020 22:10	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 22:10	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 22:10	TMP
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP



Sample Information

Client Sample ID: SB-3 (g)

York Sample ID: 20G1038-06

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	49	CCV-E , B	ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 22:10	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 22:10	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 22:10	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 22:10	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 22:10	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP



Sample Information

Client Sample ID: SB-3 (g)

York Sample ID: 20G1038-06

<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 22:10	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 22:10	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 22:10	TMP
75-09-2	Methylene chloride	47		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/31/2020 06:22	07/31/2020 22:10	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/31/2020 06:22	07/31/2020 22:10	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:22	07/31/2020 22:10	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH	07/31/2020 06:22	07/31/2020 22:10	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP



Sample Information

Client Sample ID: SB-3 (g)

York Sample ID: 20G1038-06

York Project (SDG) No. 20G1038	Client Project ID Brooklyn Waterfront	Matrix Soil	Collection Date/Time July 27, 2020 12:00 am	Date Received 07/28/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:22	07/31/2020 22:10	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	112 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	102 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	105 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	07/31/2020 06:22	07/31/2020 22:10	TMP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.4		%	0.100	1	SM 2540G Certifications: CTDOH	07/29/2020 08:06	07/29/2020 15:41	WJM

Sample Information

Client Sample ID: SB-2 (g)

York Sample ID: 20G1038-07

York Project (SDG) No. 20G1038	Client Project ID Brooklyn Waterfront	Matrix Soil	Collection Date/Time July 27, 2020 12:00 am	Date Received 07/28/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP



Sample Information

Client Sample ID: SB-2 (g)

York Sample ID: 20G1038-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/03/2020 06:38	08/03/2020 16:38	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/03/2020 06:38	08/03/2020 16:38	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/03/2020 06:38	08/03/2020 16:38	TMP
95-63-6	1,2,4-Trimethylbenzene	7.4		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
108-67-8	1,3,5-Trimethylbenzene	2.9	J	ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/03/2020 06:38	08/03/2020 16:38	TMP
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP



Sample Information

Client Sample ID: SB-2 (g)

York Sample ID: 20G1038-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	120	CCV-E , B	ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
107-02-8	Acrolein	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/03/2020 06:38	08/03/2020 16:38	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/03/2020 06:38	08/03/2020 16:38	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/03/2020 06:38	08/03/2020 16:38	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/03/2020 06:38	08/03/2020 16:38	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/03/2020 06:38	08/03/2020 16:38	TMP
100-41-4	Ethyl Benzene	4.0	J	ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/03/2020 06:38	08/03/2020 16:38	TMP



Sample Information

Client Sample ID: SB-2 (g)

York Sample ID: 20G1038-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/03/2020 06:38	08/03/2020 16:38	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/03/2020 06:38	08/03/2020 16:38	TMP
75-09-2	Methylene chloride	100		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
95-47-6	o-Xylene	9.8		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/03/2020 06:38	08/03/2020 16:38	TMP
179601-23-1	p- & m- Xylenes	13		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/03/2020 06:38	08/03/2020 16:38	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
100-42-5	Styrene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/03/2020 06:38	08/03/2020 16:38	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
108-88-3	Toluene	5.5	J	ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH	08/03/2020 06:38	08/03/2020 16:38	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP



Sample Information

Client Sample ID: SB-2 (g)	York Sample ID: 20G1038-07			
<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	23		ug/kg dry	8.7	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/03/2020 06:38	08/03/2020 16:38	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	121 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	101 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	108 %			76-130						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	08/03/2020 06:38	08/03/2020 16:38	TMP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.5		%	0.100	1	SM 2540G Certifications: CTDOH	07/29/2020 08:06	07/29/2020 15:41	WJM

Sample Information

Client Sample ID: SB-1 (g)	York Sample ID: 20G1038-08			
<u>York Project (SDG) No.</u> 20G1038	<u>Client Project ID</u> Brooklyn Waterfront	<u>Matrix</u> Soil	<u>Collection Date/Time</u> July 27, 2020 12:00 am	<u>Date Received</u> 07/28/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP



Sample Information

Client Sample ID: SB-1 (g)

York Sample ID: 20G1038-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:23	08/01/2020 02:46	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/31/2020 06:23	08/01/2020 02:46	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:23	08/01/2020 02:46	TMP
95-63-6	1,2,4-Trimethylbenzene	6.4		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
108-67-8	1,3,5-Trimethylbenzene	12		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	95	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:23	08/01/2020 02:46	TMP
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
67-64-1	Acetone	37		ug/kg dry	4.7	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
107-02-8	Acrolein	ND		ug/kg dry	4.7	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP



Sample Information

Client Sample ID: SB-1 (g)

York Sample ID: 20G1038-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
71-43-2	Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:23	08/01/2020 02:46	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:23	08/01/2020 02:46	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:23	08/01/2020 02:46	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:23	08/01/2020 02:46	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:23	08/01/2020 02:46	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:23	08/01/2020 02:46	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP



Sample Information

Client Sample ID: SB-1 (g)

York Sample ID: 20G1038-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:23	08/01/2020 02:46	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:23	08/01/2020 02:46	TMP
75-09-2	Methylene chloride	7.6	J	ug/kg dry	4.7	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
95-47-6	o-Xylene	3.3	J	ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/31/2020 06:23	08/01/2020 02:46	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/31/2020 06:23	08/01/2020 02:46	TMP
99-87-6	p-Isopropyltoluene	2.6	J	ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
135-98-8	sec-Butylbenzene	2.5	J	ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
100-42-5	Styrene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/31/2020 06:23	08/01/2020 02:46	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
108-88-3	Toluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH	07/31/2020 06:23	08/01/2020 02:46	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/31/2020 06:23	08/01/2020 02:46	TMP



Sample Information

Client Sample ID: SB-1 (g)

York Sample ID: 20G1038-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G1038

Brooklyn Waterfront

Soil

July 27, 2020 12:00 am

07/28/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
Surrogate Recoveries		Result			Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	113 %										
2037-26-5	Surrogate: SURR: Toluene-d8	104 %										
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	117 %										

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	dimethylDecane isomer rt.11...	57	J	ug/kg dry			1	EPA 8260C Certifications:	07/31/2020 06:23	08/01/2020 02:46	TMP
NA	Dimethylindane isomer rt.12...	68	J	ug/kg dry			1	EPA 8260C Certifications:	07/31/2020 06:23	08/01/2020 02:46	TMP
NA	dimethylUndecane isomer rt...	210	J	ug/kg dry			1	EPA 8260C Certifications:	07/31/2020 06:23	08/01/2020 02:46	TMP
NA	Dodecane isomer rt.12.097	310	J	ug/kg dry			1	EPA 8260C Certifications:	07/31/2020 06:23	08/01/2020 02:46	TMP
NA	methylDecane isomer rt.10.094	59	J	ug/kg dry			1	EPA 8260C Certifications:	07/31/2020 06:23	08/01/2020 02:46	TMP
NA	methylDecane isomer rt.9.846	77	J	ug/kg dry			1	EPA 8260C Certifications:	07/31/2020 06:23	08/01/2020 02:46	TMP
NA	methylethylBenzene isome rt...	130	J	ug/kg dry			1	EPA 8260C Certifications:	07/31/2020 06:23	08/01/2020 02:46	TMP
NA	methyltrans-Decalin isomer ...	200	J	ug/kg dry			1	EPA 8260C Certifications:	07/31/2020 06:23	08/01/2020 02:46	TMP
NA	Nonadecane isomer rt.11.755	82	J	ug/kg dry			1	EPA 8260C Certifications:	07/31/2020 06:23	08/01/2020 02:46	TMP
NA	pentylCyclohexane isomer r...	130	J	ug/kg dry			1	EPA 8260C Certifications:	07/31/2020 06:23	08/01/2020 02:46	TMP
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	07/31/2020 06:23	08/01/2020 02:46	TMP
NA	tetrahydroNaphthalene isom...	120	J	ug/kg dry			1	EPA 8260C Certifications:	07/31/2020 06:23	08/01/2020 02:46	TMP
NA	Undecane isomer rt.10.859	190	J	ug/kg dry			1	EPA 8260C Certifications:	07/31/2020 06:23	08/01/2020 02:46	TMP
NA	unknown isomer rt.11.090	190	J	ug/kg dry			1	EPA 8260C Certifications:	07/31/2020 06:23	08/01/2020 02:46	TMP
NA	unknown isomer RT.9.741	74	J	ug/kg dry			1	EPA 8260C Certifications:	07/31/2020 06:23	08/01/2020 02:46	TMP



Sample Information

Client Sample ID: SB-1 (g)

York Sample ID: 20G1038-08

York Project (SDG) No.
20G1038

Client Project ID
Brooklyn Waterfront

Matrix
Soil

Collection Date/Time
July 27, 2020 12:00 am

Date Received
07/28/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.4		%	0.100	1	SM 2540G Certifications: CTDOH	07/29/2020 08:02	07/29/2020 13:11	WJM



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20G1038-01	SB-5 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G1038-02	SB-3 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G1038-03	SB-2 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G1038-04	SB-1 (Comp)	40mL 01_Clear Vial Cool to 4° C
20G1038-05	SB-5 (g)	40mL Vial with Stir Bar-Cool 4° C
20G1038-06	SB-3 (g)	40mL Vial with Stir Bar-Cool 4° C
20G1038-07	SB-2 (g)	40mL Vial with Stir Bar-Cool 4° C
20G1038-08	SB-1 (g)	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

- S-GC Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
- S-08 The recovery of this surrogate was outside of QC limits.
- S-01 The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
- QR-04 The RPD exceeded control limits for the LCS/LCSD QC.
- QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
- QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
- PF-01 No Free Liquid
- J Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
- IGN-01 Non-Ignit.
- HT-04 NON-COMPLIANT- Client requested analysis be conducted outside of holding times.
- HT-01 This result was reported from an analysis conducted outside of the EPA recommended holding time.
- EXT-Temp Extraction temperture slightly exceeded acceptance range.
- EXT-COMP Completed
- CCV-E The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
- B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

- * Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
- ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
- RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
- LOQ LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
- LOD LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW -846.
- MDL METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
- Reported to This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
- NR Not reported
- RPD Relative Percent Difference
- Wet The data has been reported on an as-received (wet weight) basis



- Low Bias** Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
- High Bias** High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
- Non-Dir.** Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to include Paint Filter analysis.



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 Stratford, CT 06615
 clientservices@yorklab.com
 www.yorklab.com



Field Chain-of-Custody Record

YORK Project No.

2041038

Page 1 of 1

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time			
Company: <i>Ecoterra Consulting</i>	Company: <i>Ecoterra Consulting</i>	Company: <i>Ecoterra Consulting</i>	Company: <i>Ecoterra Consulting</i>	Company: <i>Ecoterra Consulting</i>	Company: <i>Ecoterra Consulting</i>	Company: <i>Ecoterra Consulting</i>	Company: <i>Ecoterra Consulting</i>	RUSH - Next Day			
Address: <i>2 Calverton Ave</i>	Address: <i>2 Calverton Ave</i>	Address: <i>2 Calverton Ave</i>	Address: <i>2 Calverton Ave</i>	Address: <i>2 Calverton Ave</i>	Address: <i>2 Calverton Ave</i>	Address: <i>2 Calverton Ave</i>	Address: <i>2 Calverton Ave</i>	RUSH - Two Day			
Phone: <i>Piscataway, NJ</i>	Phone: <i>Piscataway, NJ</i>	Phone: <i>Piscataway, NJ</i>	Phone: <i>Piscataway, NJ</i>	Phone: <i>Piscataway, NJ</i>	Phone: <i>Piscataway, NJ</i>	Phone: <i>Piscataway, NJ</i>	Phone: <i>Piscataway, NJ</i>	RUSH - Three Day			
Contact: <i>732-624-9999</i>	Contact: <i>732-624-9999</i>	Contact: <i>732-624-9999</i>	Contact: <i>732-624-9999</i>	Contact: <i>732-624-9999</i>	Contact: <i>732-624-9999</i>	Contact: <i>732-624-9999</i>	Contact: <i>732-624-9999</i>	RUSH - Four Day			
E-mail: <i>H. Patel</i>	E-mail: <i>H. Patel</i>	E-mail: <i>H. Patel</i>	E-mail: <i>H. Patel</i>	E-mail: <i>H. Patel</i>	E-mail: <i>H. Patel</i>	E-mail: <i>H. Patel</i>	E-mail: <i>H. Patel</i>	Standard (5-7 Day)	<input checked="" type="checkbox"/>		
<p><i>H. Patel</i> <i>hpatel@ecoterraconsulting.com</i></p> <p><i>Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.</i></p>		<p><i>Hetensh Patel</i></p> <p>Samples Collected by: (print your name above and sign below)</p> <p><i>[Signature]</i></p>		<p>Matrix Codes</p> <p><input checked="" type="checkbox"/> S - soil / solid</p> <p><input type="checkbox"/> GW - groundwater</p> <p><input type="checkbox"/> DW - drinking water</p> <p><input type="checkbox"/> WW - wastewater</p> <p><input type="checkbox"/> O - Oil / Other</p>		<p>Samples From</p> <p><input checked="" type="checkbox"/> New York</p> <p><input type="checkbox"/> New Jersey</p> <p><input type="checkbox"/> Connecticut</p> <p><input type="checkbox"/> Pennsylvania</p> <p><input type="checkbox"/> Other</p>		<p>Report / EDD Type (circle selections)</p> <p><input checked="" type="checkbox"/> Standard Excol EDD</p> <p><input type="checkbox"/> EQUIS (Standard)</p> <p><input type="checkbox"/> NYSDEC EQUIS</p> <p><input type="checkbox"/> NJDEP Reduced Deliverables</p> <p><input type="checkbox"/> NJDEP SRP HazSite</p> <p><input type="checkbox"/> Other:</p>		<p>YORK Reg. Comp.</p> <p>Compared to the following Regulation(s): (please fill in)</p>	
<p>Sample Identification</p> <p>SB-5 (Comp)</p> <p>SB-3 (Comp)</p> <p>SB-2 (Comp)</p> <p>SB-1 (Comp)</p> <p>SB-5 (g)</p> <p>SB-3 (g)</p> <p>SB-2 (g)</p> <p>SB-1 (g)</p>		<p>Date/Time Sampled</p> <p>7/27/20</p>		<p>Analysis Requested</p> <p>TAL/TCL+30 EPH PCB, Pest. / Herb. Hexachlorine, PCAA Moby, Full TCLP</p> <p>NOs</p> <p>1 set of foracore</p>		<p>Container Description</p> <p>2-808</p> <p>Jan</p>		<p>Special Instruction</p> <p>Field Filtered Lab to Filter</p>		<p>Date/Time</p> <p>7/28 1419</p>	
<p>Comments:</p> <p>Paint filter on SB-5.</p>		<p>Samples Relinquished by / Company</p> <p><i>[Signature]</i></p>		<p>Samples Relinquished by / Company</p> <p><i>[Signature]</i></p>		<p>Preservation: (check all that apply)</p> <p>HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___</p> <p>Ascorbic Acid ___ Other: ___</p>		<p>Date/Time</p> <p>7/28 1419</p>		<p>Date/Time</p> <p>7/28 1419</p>	
<p>Samples Relinquished by / Company</p> <p><i>[Signature]</i></p>		<p>Date/Time</p> <p>7/28 1419</p>		<p>Samples Relinquished by / Company</p> <p><i>[Signature]</i></p>		<p>Date/Time</p> <p>7/28 1419</p>		<p>Samples Received in LAB by</p> <p><i>TC Hill 7/28/20 1419</i></p>		<p>Date/Time</p> <p>7/28 1419</p>	
<p>Samples Relinquished by / Company</p> <p><i>[Signature]</i></p>		<p>Date/Time</p> <p>7/28 1419</p>		<p>Samples Relinquished by / Company</p> <p><i>[Signature]</i></p>		<p>Date/Time</p> <p>7/28 1419</p>		<p>Temp. Received at Lab</p> <p>3.5</p>		<p>Date/Time</p> <p>7/28 1419</p>	