Sampling Summary Report for

Reconstruction of East 72nd Street and Replacement of Sanitary Sewers and Water Mains Brooklyn, New York

DDC PROJECT NO. SEK002377 and HWK002377 WOL No. OEHS-20201409799-WOL-121 CONTRACT REGISTRATION NO. 20201409799

Prepared for:



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1.0 INTRODUCTION

On behalf of the New York City (NYC) Department of Design and Construction (DDC), Louis Berger U.S., Inc., a WSP Company (Louis Berger) has prepared a Sampling Summary Report (SSR) for the SEK002377 and HWK002377 Corridor located in the Georgetown section of the Borough of Brooklyn, New York (hereinafter referred to as the "Corridor"). This SSR documents field sampling activities, including the advancement of soil borings, soil screening, sample collection, and analysis.

1.1 Project Description

The scope of work consists of infrastructure improvements, including roadway and pedestrian walkway improvements, the replacement of aging infrastructure to meet NYC Department of Environmental Protection (DEP) Standards to improve water quality and residual pressure in the project area, and upgrade of the current sanitary sewer system at the following street segments:

- East 72nd Street from 45 feet northwest of Avenue L to 205 feet northwest of Avenue N;
- Avenue M from East 70th Street to East 73rd Street;
- Bergen Court from East 72nd Street to 50 feet northeast of East 72nd Street;
- Royce Place from East 72nd Street to 50 feet northeast of East 72nd Street; and
- Avenue L from 25 feet southwest of East 72nd Street to 25 feet northeast of East 72nd Street.

The infrastructure improvements consisting of the reconstruction of East 72nd Street and the replacement of sanitary sewers and water mains, is anticipated to generate approximately 2,500 cubic yards (CY) of fill/soils. Fill/soils generated as part of this project will be managed in accordance with applicable New York State Department of Environmental Conservation (NYSDEC) Part 375 Restricted Use Soil Cleanup Objectives (SCOs) for Commercial Criteria and any additional specifications required by the DDC.

Based on information provided by the DDC, the depth of excavation proposed for the infrastructure improvements is estimated to range between 8 and 11 feet below grade (ftbg).



2.0 FIELD ACTIVITIES

Louis Berger provided oversight for the advancement of seven soil borings and collected soil and groundwater samples during the field investigation conducted on September 27 and 28, 2021, in the vicinity of the planned construction. Drilling services for the advancement of the soil borings were provided by PAL Environmental Services (PAL).

2.1 Utility Mark-Outs

Prior to the beginning of invasive field activities, PAL contacted the New York one-call center to mark-out utilities beneath the sidewalk at each boring location.

2.2 Soil Sampling and Analysis

Soil borings for the proposed infrastructure improvements were advanced to a maximum of 15 ftbg. Soil samples were collected utilizing a 5-foot macrocore sampler fitted with a 2-inch diameter acetate liner. Upon retrieval from the macrocore, each liner was split length wise and screened along the vertical length of the soil column using a photoionization detector (PID) and visual/olfactory senses

One grab and one composite soil sample were collected from each boring for laboratory analysis. The grab soil samples were collected from either the 6-inch interval above the terminal depth of the proposed excavation (where recovery allowed) or the 6-inch interval above the groundwater table (when encountered). The composite soil sample was prepared by homogenizing the entire length of the soil column for each soil boring. Grab and composite samples were identified as SB01 through SB07.

Upon completion of the soil boring activities, all soil cuttings generated during were returned to the same borehole and patched.

The grab and composite sample were collected from the following intervals:



Boring ID/Sample ID	Proposed Utility	Depth of Proposed Excavation (ftbg)	Depth of Boring (ftg)	Grab Sample Interval (ftbg)	Composite Sample Interval (ftbg
SB01/ TWP01	10" Sanitary Sewer	11	15.0*	6.4 - 6.9	0.0 - 6.9
SB02	10" Sanitary Sewer	11	10.0*	6.3 - 6.8	0.0 - 6.8
SB03	10" Sanitary Sewer	11	10.0*	5.5 - 6.0	0.0 - 6.0
SB04	10" Sanitary Sewer	8	7.0	6.0 - 6.5	0.0 - 6.5
SB05	10" Sanitary Sewer	8	2.0	1.5 - 2.0	0.0 - 2.0
SB06	12" Sanitary Sewer	8	10.0	7.0 - 7.5	0.0 - 7.5
SB07	10" Sanitary Sewer	8	4.3	3.8 - 4.3	0.0 - 4.3

^{*} Groundwater was encountered in soil borings SB01, SB02, and SB03 at depths of 10, 10, and 6 ftbg, respectively. Soil boring SB01 was advanced to install a temporary well point.

The soil samples were transferred into laboratory-supplied sample jars and properly labeled. The samples were stored with ice in a cooler to preserve the samples at approximately 4 degrees Celsius prior to and during shipment. A chain-of-custody was prepared prior to sample shipment. Soil samples were delivered to the lab at the completion of the field activities by Louis Berger. Laboratory analyses were provided by Hampton-Clarke, Inc. (HC) of Fairfield, New Jersey, which is a New York State Department of Health (NYSDOH) ELAP-certified analytical laboratory (No. 11408).

The grab soil samples SB01 through SB07 were analyzed for Target Compound List (TCL) VOCs using United States Environmental Protection Agency (USEPA) Method 8260C. The composite soil samples SB01 through SB07 were analyzed for Polycyclic Aromatic Hydrocarbons (PAHs) by USEPA Method 8270C, Total Petroleum Hydrocarbons-Diesel Range Organics/Gasoline Range Organics (TPH-DRO/GRO) by USEPA Method 8015B, polychlorinated biphenyls (PCBs) by USEPA Method 8082A/608, Toxicity Characteristic Leaching Procedure (TCLP) Metals (Resource Conservation and Recovery Act [RCRA] 8) by USEPA Method 1311/6010B, RCRA Characteristics, including ignitability, reactivity and corrosivity, by USEPA Methods 9012B/9034, 1030/1010A, and 9045C, respectively, as well as Paint Filter Test by USEPA Method 9095B, for waste classification purposes.



2.3 Analytical Results

Analytical laboratory results indicated several compounds exceeded the NYSDEC Part 375 Restricted Use SCOs for Commercial Criteria, and one soil sample, SB01, exceeded the RCRA Hazardous Waste Action Level for TCLP lead. The following table is a summary of exceedances.

Analyte	Commercial Use (Track 2) SCOs	RCRA Hazardous Waste Levels	SB01	SB02	SB03	SB04	SB05	SB06	SB07
Benzo[a]anthracene	5.6 mg/kg	NS	X					X	X
Benzo[a]pyrene	1 mg/kg	NS	X	X			X	X	X
Benzo[b]fluoranthene	5.6 mg/kg	NS	X				X	X	X
Dibenzo[a,h]anthracene	0.56 mg/kg	NS					X	X	X
Aroclor-1254	1 mg/kg	NS							X
Aroclor (Total)	1 mg/kg	NS							X
TCLP Lead	NS	5 mg/L	X						

NS - No Standard

Comments:

- Summarized analytical results are presented in Table 2 through 6.
- TCLP lead exceeded the USEPA Hazardous Waste Limit of 5 milligrams per liter (mg/L) or parts per million (ppm) in soil sample SB01 at a concentration of 14 mg/L or ppm. The TCLP results are presented in Table 5.
- The following compounds exceeded NYSDEC Part 375 SCOs for Commercial Criteria:
 - o Benzo[a]anthracene exceeded in samples SB01, SB06, and SB07.
 - o Benzo[a]pyrene exceeded in samples SB01, SB02, SB05, SB06, and SB07.
 - o Benzo[b]fluoranthene exceeded in samples SB01, SBSB05, SB06, and SB07.
 - o Dibenz[a,h]anthracene exceeded in samples SB05, SB06, and SB07.
- Aroclor-1254 and Aroclor (Total) exceeded in SB07.



3.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the evaluation of the field screening data and the laboratory analytical results, and a comparison to applicable regulatory standards, the following findings, conclusions, and recommendations are presented:

- The contract documents should identify provisions and a contingency for managing, handling, transporting and disposing of any hazardous contaminated soils. The Contractor should be required to submit a Material Handling Plan to identify the specific protocol and procedures that will be employed to manage the waste in accordance with applicable regulations;
- Laboratory analytical results indicated soil sample SB01 exhibited evidence of hazardous
 waste characteristics for toxicity as discussed above and identified in Table 5. Upon
 commencement of the infrastructure improvement activities, the material shall be properly
 disposed of at a USEPA approved RCRA-Part B TSDF facility. Moreover, lithology indicates
 the presence of fill material in all soil borings; therefore, the TCLP lead and barium detections
 may be attributed to contaminants related to fill material; and,
- The 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.

The data presented, and the opinions expressed in this report are qualified as stated in the attachment to this section of the report and is considered a draft report pending the receival of the final laboratory analytical data

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STATEMENT OF LIMITATIONS

The data presented, and the opinions expressed in this report are qualified as follows:

The sole purpose of the investigation and of this report is to assess the physical characteristics of the Site with respect to the presence or absence in the environment of oil or hazardous materials and substances as defined in the applicable state and federal environmental laws and regulations and to gather information regarding current and past environmental conditions at the Site.

Louis Berger derived the data in this report primarily from visual inspections, examination of records in the public domain, interviews with individuals with information about the Site, and a limited number of subsurface explorations made on the dates indicated. The passage of time, manifestation of latent conditions or occurrence of future events may require further exploration at the Site, analysis of the data, and reevaluation of the findings, observations, and conclusions expressed in the report.

In preparing this report, Louis Berger has relied upon and presumed accurate certain information (or the absence thereof) about the Site and adjacent properties provided by governmental officials and agencies, the Client, and others identified herein. Except as otherwise stated in the report, Louis Berger has not attempted to verify the accuracy or completeness of any such information.

The data reported, and the findings, observations, and conclusions expressed in the report are limited by the Scope of Services, including the extent of subsurface exploration and other tests. The Scope of Services was defined by the requests of the Client, the time and budgetary constraints imposed by the Client, and the availability of access to the Site.

Because of the limitations stated above, the findings, observations, and conclusions expressed by Louis Berger in this report are not, and should not be considered, an opinion concerning the compliance of any past or present owner or operator of the site with any federal, state or local law or regulation. No warranty or guarantee, whether express or implied, is made with respect to the data reported or findings, observations, and conclusions expressed in this report. Further, such data, findings, observations, and conclusions are based solely upon site conditions in existence at the time of investigation.

This report has been prepared on behalf of and for the exclusive use of the Client and is subject to and issued in connection with the Agreement and the provisions thereof.



FIGURE 1 – SOIL BORING LOCATION PLAN





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Louis Berger U.S., Inc. October 19, 2021 DDC CAPIS ID No. SEK002377/HWK002377 WOL No. OEHS-20201409799-WOL-121



Table 1. Summary of Environmental Boring Data Sampling Summary Report for Reconstruction of East 72nd Street and Replacement of Sanitary Sewers and Water Mains Brooklyn, NY

Boring No.	Sample ID	High PID (ppm)	Sample Interval (ftbg)	Total VOCs (mg/kg)	Total PAHs (mg/kg)	TCLP Metals Exceed (Yes/No) ¹	Depth to Water (ftbg)	Total Depth (ftbg)	Other Comments
SB01/ TWP01	SB01	<1	6.4 - 6.9	0.286	-	YES	10	15.0	No visual or olfactory signs of contamination observed. Fill material was observed. Peat with roots was
TVVFUT			0.0 - 6.9	-	82.07				observed.
SB02	SB02	<1	6.3 - 6.8	0.0638	-	· No	10	10.0	No visual or olfactory signs of contamination observed. Fill material (brick) was observed. Peat with roots was
			0.0 - 6.8	-	18.58				observed.
SB03	SB03	<1	5.5 - 6.0	0.085	-	. No	No 6	10.0	No visual or olfactory signs of contamination observed. Fill material (wood, glass) was observed. Peatwas
		·	0.0 - 6.0	-	4.844				observed.
SB04	SB04	<1	6.0 - 6.5	0.012	-	No	NE	7.0	No visual or olfactory signs of contamination observed.
OBO I		.,	0.0 - 6.5	-	8.468		1112	7.0	Fill material was observed. Refusal at 7 ftbg (concrete).
SB05	SB05	<1	1.5 - 2.0	0.0037	-	No	NE	2.0	No visual or olfactory signs of contamination observed. Fill material was observed. Refusal at 2 ftbg (cobbles,
OBOO		`'	0.0 - 2.0	-	50.91	110	I II	2.0	roots).
SB06	SB06	<1	7.0 - 7.5	0.1241	-	No	NE	10.0	No visual or olfactory signs of contamination observed.
3500	3500	\ 1	0.0 - 7.5	-	106.9	INO	INL	10.0	Fill material was observed. Peat observed.
SB07	SB07	<1	3.8 - 4.3	0.0272	-	No	NE	4.3	No visual or olfactory signs of contamination observed. Fill material was observed. Refusal at 4.3 ftbg
3007	3007	7	0.0 - 4.3	-	68.37	INU	INE	4.0	(cobbles).

Notes:

¹ - TCLP metal(s) exceeds Resource Conservation and Recovery Act (RCRA) Hazardous Waste

All soil samples were analyzed for Target Compound List (TCL) Volatile Organic Compounds (VOCs), Polycyclic Aromatic Hydrocarbons (PAHs), Polychlorinated Biphenyls (PCBs), Toxicity Characteristic Leaching Procedure (TCLP) for Metals (RCRA 8), Total Petroleum Hydrocarbons, and RCRA Characteristics.

PID = Photoionization detector

ND = Not Detected

NE = Not Encountered

ftbg = feet below grade



Table 2. Summary of Target Compound List (TCL) Volatile Organic Compounds (VOCs) Detected in Soil Sampling Summary Report for Reconstruction of East 72nd Street and Replacement of Sanitary Sewers and Water Mains Brooklyn, NY

	Commercial Use	Sample ID, Date Collected, and Depth								
TCL VOCs	(Track 2) Soil Cleanup Objectives (SCOs)	SB01 9/28/2021 6.4 - 6.9	SB02 9/28/2021 6.3 - 6.8	SB03 9/28/2021 5.5 - 6.0	SB04 9/28/2021 6.0 - 6.5	SB05 9/28/2021 1.5 - 2.0	SB06 9/28/2021 7.0 - 7.5	SB07 9/28/2021 3.8 - 4.3		
Acetone	500	ND	0.028	0.019	ND	ND	0.094	ND		
2-Butanone	500	ND	0.0042	ND	ND	ND	0.018	ND		
Methylene chloride	500	0.27	0.027	0.053	0.012	0.0037	0.0064	0.022		
Tetrachloroethene	150	0.016	0.0046	0.013	ND	ND	ND	0.0052		
Toluene	500	ND	ND	ND	ND	ND	0.0042	ND		
m&p-Xylenes	500	ND	ND	ND	ND	ND	0.0015	ND		
Xylenes (Total)	500	ND	ND	ND	ND	ND	0.0015	ND		

Notes:

All concentrations are in parts per million or milligrams per kilogram (ppm or mg/kg)

ND = Compound not detected above method detection limit (see attached lab report for MDLs)

SCOs = Soil Cleanup Objectives as per the NYSDEC Regulations 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives (December 14, 2006)

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Table 3. Summary of Polycyclic Aromatic Hydrocarbons (PAHs) Detected in Soil Sampling Summary Report for Reconstruction of East 72nd Street and Replacement of Sanitary Sewers and Water Mains Brooklyn, NY

	Commercial Use			Sample II	D, Date Collected, and Depth				
PAHs	(Track 2) Soil Cleanup	SB01	SB02	SB03	SB04	SB05	SB06	SB07	
	Objectives (SCOs)	9/28/2021	9/28/2021	9/28/2021	9/28/2021	9/28/2021	9/28/2021	9/28/2021	
	Objectives (CCCs)	0.0 - 6.9	0.0 - 6.8	0.0 - 6.0	0.0 - 6.5	0.0 - 2.0	0.0 - 7.5	0.0 - 4.3	
Acenaphthene	500	ND	0.30	0.062	0.054	ND	ND	0.89	
Acenaphthylene	500	ND	ND	ND	0.091	0.27	ND	ND	
Anthracene	500	3.0	0.53	0.12	0.19	0.79	2.8	1.9	
Benzo[a]anthracene	5.6	7.5	1.7	0.42	0.80	4.9	9.4	6.0	
Benzo[a]pyrene	1	6.2	1.5	0.40	0.72	5.3	8.9	5.2	
Benzo[b]fluoranthene	5.6	8.6	2.1	0.53	1.0	7.7	11	7.0	
Benzo[g,h,i]perylene	500	3.1	0.75	0.26	0.40	3.2	6.0	3.1	
Benzo[k]fluoranthene	56	2.7	0.58	0.18	0.35	2.6	4.0	2.5	
Chrysene	56	7.2	1.5	0.39	0.69	4.6	9.5	5.4	
Dibenzo[a,h]anthracene	0.56	ND	0.23	0.076	0.13	0.95	1.4	0.81	
Fluoranthene	500	15	3.1	0.79	1.4	7.6	19	12	
Fluorene	500	ND	0.22	0.049	0.052	ND	ND	ND	
Indeno[1,2,3-cd]pyrene	5.6	2.4	0.65	0.24	0.37	2.8	4.9	2.7	
Naphthalene	500	0.37	0.12	0.017	0.021	ND	1.0	0.27	
Phenanthrene	500	12	2.2	0.55	0.90	4.0	12	9.6	
Pyrene	500	14	3.1	0.76	1.3	6.2	17	11	

Notes:

All concentrations are in parts per million or milligrams per kilogram (ppm or mg/kg)

SCOs = Soil Cleanup Objectives as per the NYSDEC Regulations 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives (December 14, 2006)

ND = Compound not detected above method detection limit (see attached lab report for MDLs)

Shading = Concentration exceeds Commercial Use (Track 2) Soil Cleanup Objectives



Table 4. Summary of Polychlorinated Biphenyls (PCBs) Detected in Soil Sampling Summary Report for Reconstruction of East 72nd Street and Replacement of Sanitary Sewers and Water Mains Brooklyn, NY

	Commercial Use	Sample ID, Date Collected, and Depth							
PCBs	(Track 2)	SB01	SB02	SB03	SB04	SB05	SB06	SB07	
	Soil Cleanup	9/28/2021	9/28/2021	9/28/2021	9/28/2021	9/28/2021	9/28/2021		
	Objectives (SCOs)	0.0 - 6.9	0.0 - 6.8	0.0 - 6.0	0.0 - 6.5	0.0 - 2.0	0.0 - 7.5	0.0 - 4.3	
Aroclor-1254	1	ND	ND	ND	ND	ND	0.29	1.5	
Aroclor-1260	1	0.33	ND	ND	ND	ND	ND	ND	
Aroclor-1262	1	ND	ND	0.092	0.048	0.073	0.072	ND	
Aroclor (Total)	1	0.33	ND	0.092	0.048	0.073	0.36	1.5	

Notes:

All concentrations are in parts per million or milligrams per kilogram (ppm or mg/kg)

* Refers to the total concentration of PCBs in the sample

SCOs = Soil Cleanup Objectives as per the NYSDEC Regulations 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives (December 14, 2006)

ND = Compound not detected above method detection limit (see attached lab report for MDLs)

Shading = Concentration exceeds Commercial Use (Track 2) Soil Cleanup Objectives

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Table 5. Summary of Waste Classification Results in Soil Sampling Summary Report for Reconstruction of East 72nd Street and Replacement of Sanitary Sewers and Water Mains Brooklyn, NY

	Resource Conservation and	Sample ID, Date Collected, and Depth								
Analyte	Recovery Act (RCRA)	SB01	SB02	SB03	SB04	SB05	SB06	SB07		
• •	Hazardous Waste	9/28/2021	9/28/2021	9/28/2021	9/28/2021	9/28/2021	9/28/2021	9/28/2021		
	Levels	0.0 - 6.8	0.0 - 6.8	0.0 - 6.0	0.0 - 6.5	0.0 - 2.0	0.0 - 7.5	0.0 - 4.3		
RCRA (Including TCLP Metals)										
рН	2 - 12.5*	8	8.4	10	8.9	7.6	8	10		
Ignitability	>140 °F**	NEG	NEG	NEG	NEG	NEG	NEG	NEG		
Paint Filter Test	NS	NEG	NEG	NEG	NEG	NEG	NEG	NEG		
Reactive Cyanide	NS	ND	ND	ND	ND	ND	ND	ND		
Reactive Sulfide	NS	ND	ND	ND	ND	ND	ND	ND		
Arsenic	5	ND	ND	ND	ND	ND	ND	ND		
Barium	100	0.87	0.58	0.63	0.42	0.74	0.87	0.93		
Cadmium	1	ND	ND	ND	ND	ND	ND	ND		
Chromium	5	ND	ND	ND	ND	ND	ND	ND		
Lead	5	14	1.4	0.14	ND	1.6	1.4	1.7		
Mercury	0.2	ND	ND	ND	ND	ND	ND	ND		
Nickel	NS	0.17	ND	ND	ND	ND	ND	ND		
Selenium	1	ND	ND	ND	ND	ND	ND	ND		
Silver	5	ND	ND	ND	ND	ND	ND	ND		
TPH DRO/GRO (mg/kg)	-									
TPH - Diesel Range Organics	NS	2,900	740	390	410	2,200	3,100	1,400		
TPH - Gasoline Range Organics	NS	ND	ND	ND	ND	ND	ND	ND		

Notes:

All concentrations are in parts per million, milligrams per kilogram, or milligrams per liter (ppm, mg/kg, or mg/L), unless otherwise noted

TCLP = Toxicity Characteristic Leaching Procedure

NS = No Standard

NEG = Negative (flash point was not detected below 140 °F) or Negative (free liquids were not detected during Paint Filter Test)

ND = Compound not detected above method detection limit (see attached lab report for MDLs)

Shading = Concentration exceeds applicable RCRA Hazardous Waste Level

^{*}A solid waste exhibits the characteristic of corrosivity if it has a pH less than or equal to 2 or greater than or equal to 12.5

^{**}A solid waste exhibits the characteristic of ignitability if it has flash point less than 140 °F

[°]F = Degrees Fahrenheit

Reconstruction of East 72nd Street and Replacement of Sanitary Sewers and Water Mains, Brooklyn, New York

Table 6. Groundwater Quality Compared to New York City Department of Environmental Protection Limitations for Effluent to Sanitary or Combined Sewers Sampling Summary Report for Reconstruction of East 72nd Street and Replacement of Sanitary Sewers and Water Mains Brooklyn, NY

	NYC DEP Limitations	Sample ID and Date Collected
Parameter ¹	to Sanitary or	TWP01
	Combined Sewers	9/28/2021
Non-Polar Material ²	50 mg/L	ND
Flash Point - Liquid/Solid	>140 °F	>141°F
рН	≥5 and <u><</u> 12	8.2
Cadmium (Instantaneous or Composite)	2 or 0.69 mg/L	ND
Chromium Hexavalent (VI)	5 mg/L	ND
Copper	5 mg/L	0.1 mg/L
Lead	2 mg/L	0.25 mg/L
Mercury	0.05 mg/L	0.00041 mg/L
Nickel	3 mg/L	ND
Zinc	5 mg/L	0.18 mg/L
Benzene	134 ug/L	ND
Carbon tetrachloride	NS	ND
Chloroform	NS	ND
1,4-Dichlorobenzene	NS	ND
Ethylbenzene	380 ug/L	ND
MTBE (Methyl-Tert-Butyl-Ether)	50 ug/L	ND
Naphthalene	47 ug/L	ND
Phenol	NS	ND
Tetrachloroethene	20 ug/L	ND
Toluene	74 ug/L	ND
1,2,4-Trichlorobenzene	NS	ND
1,1,1-Trichloroethane	NS	ND
Xylenes (Total)	74 ug/L	ND
PCBs (Total) ³	1 ug/L	ND
Total Suspended Solids ⁴	350 mg/L	56 mg/L
CBOD ⁵	NS	ND
Chloride ⁵	NS	54 mg/L
Total Nitrogen	NS	1.6 mg/L
Total Solids ⁵	NS	510 mg/L

Notes:

NS = No Standard

ND = Compound not detected above method detection limit (see attached lab report for MDLs)

¹ All handling and preservation of collected samples and laboratory analyses of samples was performed in accordance with 40 CFR Part 136.

² Analysis for non-polar materials was performed by EPA method 1664.

³ Analysis for polychlorinated biphenyls (PCBs) was performed according to EPA method 608 with method detection limit ≤ 65 parts per trillion.

Analysis for PCBs is required if discharge ≥ 10,000 gallons per day (gpd) and duration of discharge > 10 days.

⁴ For discharge ≥ 10,000 gpd, the total suspended solids (TSS) limit is 350 mg/l. For discharge < 10,000 gpd, the limit is determined on a case by case basis.

⁵ Analysis for Carbonaceous Biochemical Oxygen Demand (CBOD), Chloride, Total Solids, and Total Nitrogen are required if proposed discharge ≥ 10,000 gpd.



APPENDIX A GEOLOGIC BORING LOGS

Louis Berger	Drilling Log	BORING NO.: SB01/TWP01						
Louis Berger	Page 1 of 3	LOCATION: Brooklyn, NY						
CLIENT: NYC Department of Design and	CLIENT: NYC Department of Design and Construction							
PROJECT: Phase II SCI for Reconstruction	FMS ID#: SEK002377/HWK002377							
DRILLING CONTRACTOR: PAL Env	ironmental Services	WOL #: OEHS-20201409799-WOL-121						
DRILLING METHOD: Direct Push		DATE STARTED: 9/27/2021						
BOREHOLE DATA	WELL DATA	DATE FINISHED: 9/28/2021						
Diameter (in): 2.25	Well Diameter (in): N/A	DRIILER: T. Portillo						
Total Depth (ft.): 15	Total Depth (ft.): N/A	LBA INSPECTOR: H. August						
Depth to Refusal (ft): N/A	Screen Length (ft): N/A	NORTHING (ft): 167369.2157						

N/A

EASTING (ft):

SURFACE ELEVATION (ft): N/A

1008139.928

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.

Depth to Water (ft.):

Pre-cleared to 6 feet below ground. Collected groundwater sample TWP01 from temporary well point.

Slot Size (in):

Depth to Water (ft.):

Depth to Rock (ft.):

10

N/A

	Pre-cleared to 6 feet below ground. Collected groundwater sample TWP01 from temporary well point.								
Well Construction	Depth (feet)	Lithology	nscs	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks	
	1 — 2 — 3 — 4 —		FILL			<1	Grayish brown (5YR 3/2), coarse to fine SAND, little Silt, little coarse to fine Gravel, moist. Dusky brown (5YR 2/2), coarse to fine SAND, little Silt, and coarse to fine Gravel, moist.	Sand (Fill) Gravelly Sand (Fill)	
	5 —		FILL			<1	Very pale orange (10YR 8/2), coarse to fine GRAVEL, some coarse Sand, moist.	Sandy Gravel (Fill)	

Louis Berger	Drilling Log Page 2 of 3	BORING NO.: SB01/TWP01 LOCATION: Brooklyn, NY					
CLIENT: NYC Department of Design and	PROJECT NO.: 31402661.091						
PROJECT: Phase II SCI for Reconstruction	FMS ID#: SEK002377/HWK002377						
DRILLING CONTRACTOR: PAL Env	DRILLING CONTRACTOR: PAL Environmental Services						
DRILLING METHOD: Direct Push		DATE STARTED: 9/27/2021					
BOREHOLE DATA	WELL DATA	DATE FINISHED: 9/28/2021					
Diameter (in): 2.25	Well Diameter (in): N/A	DRIILER: T. Portillo					
Total Depth (ft.): 15	Total Depth (ft.): N/A	LBA INSPECTOR: H. August					
Depth to Refusal (ft): N/A	Screen Length (ft): N/A	NORTHING (ft): 167369.2157					
Depth to Water (ft.): 10	Depth to Water (ft.): N/A	EASTING (ft): 1008139.928					

SURFACE ELEVATION (ft): N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.

Pre-cleared to 6 feet below ground. Collected groundwater sample TWP01 from temporary well point.

Slot Size (in):

Depth to Rock (ft.):

N/A

Well Construction	Depth (feet)	Lithology	nscs	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	7 —	A	FILL OL			<1	Moderate red (5R 4/6) to blackish red (5R 2/2), coarse to medium GRAVEL, little Silt, little coarse to fine Sand, moist. Grayish black (N2), PEAT, and fine Gravel, moist.	Gravelly Peat. Collected grab sample SB01 from 6.4 to 6.9 ftbg and composite sample SB01 from 0 to 6.9 ftbg.
⊻	9 —		OL			<1	Dark gray (N3) to grayish black (N2), PEAT, some Silt (70% roots), wet.	Silty Peat with roots.

Page 3 of 3 CLIENT: NYC Department of Design and Construction PROJECT: Phase II SCI for Reconstruction of East 72nd Street, etc. PROJECT: SEK002377/HWK002377	Louis Berger	Drilling	Log	BORING	BORING NO.: SB01/TWP01					
PROJECT: Phase II SCI for Reconstruction of East 72nd Street, etc. FMS ID#: SEK002377/HWK002377 DRILLING CONTRACTOR: PAL Environmental Services WOL #: OEHS-20201409799-WO DRILLING METHOD: Direct Push BOREHOLE DATA WELL DATA DATE STARTED: 9/27/2021 Diameter (in): 2.25 Well Diameter (in): N/A DRIILER: T. Portillo Total Depth (ft.): N/A Depth to Refusal (ft): N/A Depth to Water (ft.): 10 Depth to Water (ft.): N/A Depth to Rock (ft.): N/A Slot Size (in): N/A SURFACE ELEVATION (ft): N/A	Louis beigei	_		LOCATI	ION:	Brooklyn, NY				
DRILLING CONTRACTOR:PAL Environmental ServicesWOL #: OEHS-20201409799-WODRILLING METHOD:Direct PushDATE STARTED: 9/27/2021BOREHOLE DATAWELL DATADATE FINISHED: 9/28/2021Diameter (in):2.25Well Diameter (in):N/ADRIILER:T. PortilloTotal Depth (ft.):15Total Depth (ft.):N/ALBA INSPECTOR:H. AugustDepth to Refusal (ft):N/ANORTHING (ft):167369.2157Depth to Water (ft.):10Depth to Water (ft.):N/AEASTING (ft):1008139.928Depth to Rock (ft.):N/ASlot Size (in):N/ASURFACE ELEVATION (ft):N/A	CLIENT: NYC Department of Design and	l Construction		PROJECT NO	D.: 3140	2661.091				
DRILLING METHOD: Direct PushDATE STARTED: 9/27/2021BOREHOLE DATAWELL DATADATE FINISHED: 9/28/2021Diameter (in):2.25Well Diameter (in):N/ADRIILER:T. PortilloTotal Depth (ft.):15Total Depth (ft.):N/ALBA INSPECTOR: H. AugustDepth to Refusal (ft):N/AN/ANORTHING (ft): 167369.2157Depth to Water (ft.):10Depth to Water (ft.):N/AEASTING (ft): 1008139.928Depth to Rock (ft.):N/ASlot Size (in):N/ASURFACE ELEVATION (ft): N/A	PROJECT: Phase II SCI for Reconstruction	of East 72nd Street, etc.		FMS ID#:	SEK	002377/HWK002377				
BOREHOLE DATA WELL DATA DATE FINISHED: 9/28/2021 Diameter (in): 2.25 Well Diameter (in): N/A DRIILER: T. Portillo Total Depth (ft.): N/A LBA INSPECTOR: H. August Depth to Refusal (ft): N/A Screen Length (ft): N/A NORTHING (ft): 167369.2157 Depth to Water (ft.): 10 Depth to Water (ft.): N/A Slot Size (in): N/A SURFACE ELEVATION (ft): N/A	DRILLING CONTRACTOR: PAL Env	ironmental Services		WOL #:	OEH	S-20201409799-WOL-121				
Diameter (in):2.25Well Diameter (in):N/ADRIILER:T. PortilloTotal Depth (ft.):15Total Depth (ft.):N/ALBA INSPECTOR:H. AugustDepth to Refusal (ft):N/AScreen Length (ft):N/ANORTHING (ft):167369.2157Depth to Water (ft.):10Depth to Water (ft.):N/AEASTING (ft):1008139.928Depth to Rock (ft.):N/ASlot Size (in):N/ASURFACE ELEVATION (ft):N/A	DRILLING METHOD: Direct Push			DATE START	ΓED:	9/27/2021				
Total Depth (ft.): 15 Total Depth (ft.): N/A LBA INSPECTOR: H. August Depth to Refusal (ft): N/A Screen Length (ft): N/A NORTHING (ft): 167369.2157 Depth to Water (ft.): 10 Depth to Water (ft.): N/A EASTING (ft): 1008139.928 Depth to Rock (ft.): N/A Slot Size (in): N/A SURFACE ELEVATION (ft): N/A	BOREHOLE DATA	WELL DA	DATE FINISH	HED:	9/28/2021					
Depth to Refusal (ft):N/AScreen Length (ft):N/ANORTHING (ft):167369.2157Depth to Water (ft.):10Depth to Water (ft.):N/AEASTING (ft):1008139.928Depth to Rock (ft.):N/ASlot Size (in):N/ASURFACE ELEVATION (ft):N/A	Diameter (in): 2.25	Well Diameter (in):	N/A	DRIILER:		T. Portillo				
Depth to Water (ft.):10Depth to Water (ft.):N/AEASTING (ft):1008139.928Depth to Rock (ft.):N/ASlot Size (in):N/ASURFACE ELEVATION (ft):N/A	Total Depth (ft.): 15	Total Depth (ft.):	N/A	LBA INSPEC	TOR:	H. August				
Depth to Rock (ft.): N/A Slot Size (in): N/A SURFACE ELEVATION (ft): N/A	Depth to Refusal (ft): N/A	Screen Length (ft):	N/A	NORTHING ((ft):	167369.2157				
	Depth to Water (ft.): 10	Depth to Water (ft.):	N/A	EASTING (ft)	:	1008139.928				
NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.	Depth to Rock (ft.): N/A	Slot Size (in):	N/A	SURFACE EI	SURFACE ELEVATION (ft): N/A					
	NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.									
Pre-cleared to 6 feet below ground. Collected groundwater sample TWP01 from temporary well point.	Pre-cleared to 6 feet below ground. Co	ollected groundwater sample TV	VP01 from tempor	ary well point.						

Well Construction Sample Recove PID Reading (pt Depth (feet) Sample Interv Lithology **NSCS Description and Stratigraphy** Remarks Dark gray (N3) to grayish black (N2), PEAT, some Silt (70% roots), wet. Silty Peat with roots. <u>M</u> <u>181</u> <u>/A/</u> <u>/A/</u> <u>/A/</u> 1/ 1/6 Total Depth of Boring 15 feet. 16 — 17 —

Louis Rorger	Drilling Log	BORING NO.: SB02			
Louis Berger	Page 1 of 2	LOCATION: Brooklyn, NY			
CLIENT: NYC Department of Design an	PROJECT NO.: 31402661.091				
PROJECT: Phase II SCI for Reconstruction	n of East 72nd Street, etc.	FMS ID#: SEK002377/HWK002377			
DRILLING CONTRACTOR: PAL Er	vironmental Services	WOL #: OEHS-20201409799-WOL-121			
DRILLING METHOD: Direct Push		DATE STARTED: 9/27/2021			
BOREHOLE DATA	WELL DATA	DATE FINISHED: 9/28/2021			
Diameter (in): 2.25	Well Diameter (in): N/A	DRIILER: T. Portillo			

N/A

N/A

N/A

LBA INSPECTOR:

SURFACE ELEVATION (ft): N/A

NORTHING (ft):

EASTING (ft):

H. August

167251.6006

1008331.72

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart. Pre-cleared to 6 feet below ground.

Total Depth (ft.):

Slot Size (in):

Screen Length (ft):

Depth to Water (ft.):

Total Depth (ft.):

Depth to Refusal (ft):

Depth to Water (ft.):

Depth to Rock (ft.):

10

N/A

10

N/A

Well Construction	Depth (feet)	Lithology	NSCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	1 —		TOPSOIL			<1	Grayish Brown (5YR3/2), coarse SAND, and coarse to fine Gravel, moist.	Gravelly Sand (Topsoil)
	2 — 3 — 4 —		FILL			<1	Grayish Brown (5YR3/2), coarse to fine SAND, and coarse to fine Gravel (50% fill material: bricks), moist.	Gravelly Sand (Fill)
	5 —							

Louis Berger	Drilling Log Page 2 of 2	BORING NO.: SB02 LOCATION: Brooklyn, NY		
CLIENT: NYC Department of Design and	Construction	PROJECT NO.: 31402661.091		
PROJECT: Phase II SCI for Reconstruction	of East 72nd Street, etc.	FMS ID#: SEK002377/HWK002377		
DRILLING CONTRACTOR: PAL Env	ironmental Services	WOL #: OEHS-20201409799-WOL-121		
DRILLING METHOD: Direct Push		DATE STARTED: 9/27/2021		
BOREHOLE DATA	WELL DATA	DATE FINISHED: 9/28/2021		
Diameter (in): 2.25	Well Diameter (in): N/A	DRIILER: T. Portillo		
Total Depth (ft.): 10	Total Depth (ft.): N/A	LBA INSPECTOR: H. August		
Depth to Refusal (ft): N/A	Screen Length (ft): N/A	NORTHING (ft): 167251.6006		
Depth to Water (ft.): 10	Depth to Water (ft.): N/A	EASTING (ft): 1008331.72		

SURFACE ELEVATION (ft): N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart. Pre-cleared to 6 feet below ground.

Slot Size (in):

Depth to Rock (ft.): N/A

Well Construction	Depth (feet)	Lithology	nscs	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	8 —		FILL			<1	Dusky red (5R 3/4), coarse to fine GRAVEL, trace Clayey SILT, some coarse to fine Sand (50% fill material: bricks), dry. Grayish black (N2), PEAT, wet. Total Depth of Boring 10 feet.	Sandy Gravel (Fill) Peat. Collected grab sample SB02 from 6.3 to 6.8 ftbg and composite sample SB02 from 0 to 6.8 ftbg.
<u> </u>	11 —						Total Depth of Boring To feet.	

B	Louis Berger
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Drilling Log

Page 1 of 2

BORING NO.: SB03

PROJECT NO.: 31402661.091

FMS ID#:

LOCATION: Brooklyn, NY

SEK002377/HWK002377

CLIENT: NYC Department of Design and Construction

PROJECT: Phase II SCI for Reconstruction of East 72nd Street, etc.

 PAL Environmental Services
 WOL #:
 OEHS-20201409799-WOL-121

 Push
 DATE STARTED:
 9/27/2021

DRILLING METHOD: Direct Push

DRILLING CONTRACTOR:

BOREHOLE DATA	WELL DATA	DATE FINISHED: 9/28/2021
Diameter (in): 2.25	Well Diameter (in): N/A	DRIILER: T. Portillo
Total Depth (ft.): 10	Total Depth (ft.): N/A	LBA INSPECTOR: H. August
Depth to Refusal (ft): N/A	Screen Length (ft): N/A	NORTHING (ft): 167169.9211
Depth to Water (ft.): 6	Depth to Water (ft.): N/A	EASTING (ft): 1008438.955
Depth to Rock (ft.): N/A	Slot Size (in): N/A	SURFACE ELEVATION (ft): N/A

 $\textbf{NOTES:} \ \ \textbf{Soil description based on Unified Soil Classification System (USCS)}, \ \textbf{Burmister Classification and Munsell Rock Color Chart.}$

Pre-cleared to 6 feet below ground.

_			1 10 0 1001	_	-			
Well Construction	Depth (feet)	Lithology	nscs	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	-		TOPSOIL			<1	Grayish brown (5YR 3/2), fine SAND, little Silt, trace coarse to fine Gravel, moist.	Sand (Topsoil)
	-		FILL			<1	Pale yellowish brown (10YR 6/2), coarse to fine SAND, little coarse to fine Gravel, moist.	Sand (Fill). Collected grab sample SB03 from 5.5 to 6 ftbg, and
	2 —							composite sample SB03 from 0 to 6 ftbg.
	3 —							
	4 —							
V	5 —							

Louis Rorger	Drilling Log	BORING NO.: SB03			
Louis Berger	Page 2 of 2	LOCATION: Brooklyn, NY			
CLIENT: NYC Department of Design and	l Construction	PROJECT NO.: 31402661.091			
PROJECT: Phase II SCI for Reconstruction	of East 72nd Street, etc.	FMS ID#: SEK002377/HWK002377			
DRILLING CONTRACTOR: PAL Env	ironmental Services	WOL #: OEHS-20201409799-WOL-121			
DRILLING METHOD: Direct Push		DATE STARTED: 9/27/2021			
BOREHOLE DATA	WELL DATA	DATE FINISHED: 9/28/2021			
Diameter (in): 2.25	Well Diameter (in): N/A	DRIILER: T. Portillo			
Total Depth (ft.): 10	Total Depth (ft.): N/A	LBA INSPECTOR: H. August			
Depth to Refusal (ft): N/A	Screen Length (ft): N/A	NORTHING (ft): 167169.9211			

N/A

N/A

1008438.955

EASTING (ft):

SURFACE ELEVATION (ft): N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart. Pre-cleared to 6 feet below ground.

Depth to Water (ft.):

Slot Size (in):

Depth to Water (ft.):

Depth to Rock (ft.):

6

N/A

Well Construction	Depth (feet)	Lithology	nscs	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
			FILL			<1	Olive black (5Y 2/1), coarse to fine SAND, trace Silt, little coarse to medium Gravel, wet.	Sand (Fill)
	_		FILL			<1	Olive black (5Y 2/1), SILT (95% fill material: wood and glass), wet.	Silt (Fill)
	7 —	\(\frac{\frac}\frac{\frac}\frac{\frac{\frac{\frac{\frac}\f{\frac{\frac{\frac{\frac{\frac}\f{\frac{\frac{\frac{\fra	PEAT			<1	Olive black (5Y 2/1), PEAT, wet.	Peat
	-	· · · · · · · · · · · · · · · · · · ·	SP			<1	Olive black (5Y 2/1), coarse to fine SAND, trace Silt, wet.	Sand
	8 —							
	9 —				XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			
	-				X			
	10						Total Depth of Boring 10 feet.	
	_							
	11 —							
	_							
	12							

Louis Berger	Drilling Log	BORING NO.: SB04		
Louis Berger	Page 1 of 2	LOCATION: Brooklyn, NY		
CLIENT: NYC Department of Design and	l Construction	PROJECT NO.: 31402661.091		
PROJECT: Phase II SCI for Reconstruction	of East 72nd Street, etc.	FMS ID#: SEK002377/HWK002377		
DRILLING CONTRACTOR: PAL Env	ironmental Services	WOL #: OEHS-20201409799-WOL-121		
DRILLING METHOD: Direct Push		DATE STARTED: 9/27/2021		
BOREHOLE DATA	WELL DATA	DATE FINISHED: 9/28/2021		
Diameter (in): 2.25	Well Diameter (in): N/A	DRIILER: T. Portillo		
Total Depth (ft.): 7	Total Depth (ft.): N/A	LBA INSPECTOR: H. August		
Depth to Refusal (ft): 7	Screen Length (ft): N/A	NORTHING (ft): 167080.8321		
Depth to Water (ft.): N/A	Depth to Water (ft.): N/A	EASTING (ft): 1008707.502		

SURFACE ELEVATION (ft): N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.

Pre-cleared to 6 feet below ground

Slot Size (in):

Depth to Rock (ft.):

	Pre-c	leared	to 6 feet	below	groun	ıd.		
Well Construction	Depth (feet)	Lithology	NSCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	_	8 4 4 4 A A A A A A A A A A A A A A A A				<1	Blueish white (5B 9/1), CONCRETE, dry.	Concrete
	-		FILL			<1	Very pale orange (10YR 8/2), coarse to fine SAND, trace coarse to fine Gravel, moist.	Sand (Fill)
	1 — 2 — 3 — 4 — 5 —		FILL			<1	Very pale orange (10YR 8/2), coarse to fine SAND, little coarse to fine Gravel, moist.	

		.	· D				Drilling	Log	BORING NO.:	SB04	
			ouis Be	erger			Page 2 of 2	_	LOCATION:	Broo	klyn, NY
CLIEN	T: 1	NYC I	Departm	ent o	f Des	sign ar	nd Construction		PROJECT NO.: 3140	2661.091	
PROJE	ECT: I	Phase	II SCI f	or Re	const	ructio	n of East 72nd Street, etc.		FMS ID#: SEK	002377/H	WK002377
DRILL	ING C	CONT	RACTO				vironmental Services		WOL #: OEH	S-202014	09799-WOL-121
DRILL					ct Pu	sh	1		DATE STARTED:	9/27/20)21
			OLE D				WELL DA		DATE FINISHED:	9/28/20	
Diamet			2.2	5			Well Diameter (in):	N/A	DRIILER:	T. Porti	
Total D			7				Total Depth (ft.):	N/A	LBA INSPECTOR:	H. Aug	
Depth t							Screen Length (ft):	N/A	NORTHING (ft):	167080	
Depth t							Depth to Water (ft.): Slot Size (in):	N/A N/A	EASTING (ft): SURFACE ELEVATION	100870	
					Inified	1 Soil (Classification System (USCS), Bu				IV/A
		-	to 6 feet				ciassification bystein (0505), Bu	imister Classification	and Munsen Rock Color C	iiai t.	
	_				Ĭ						
Well Construction	et)	56		Sample Interval	Sample Recovery	PID Reading (ppm)					
Well	Depth (feet)	Lithology	OSCS	e Int	Rec	ding	Desc	ription and Strati	igraphy		Remarks
Onst	Dept	Lif	n	du	nple	Rea					
				Sa	Saı	PID					
	-		FILL			<1	Dark yellowish brown (10Y		ne SAND, trace coarse t	o fine	Concrete refusal at
							Silt, little medium to fine Gr	avel, moist.			7.0 ftbg.
	_				(////						Collected grab sample
							Tot	al Depth of Boring	7 fact		\$B04 from 6.0 to 6.5
	7							usal at 7 ftbg due to c			ftbg and
							Ken	isar at 7 flog due to c	onerete		composite sample SB04
	_										from 0 to 6.5
											ftbg.
	8 —										
	Ü										
	_										
	9 —										
	_										
	10 —										
	_										
	11 —										
	_										
	12										

Louis Berger	Drilling L	og	BORING NO.: SB05 LOCATION: Brooklyn, NY				
CLIENT: NYC Department of Design and	l Construction		PROJECT NO.: 31402	661.091			
PROJECT: Phase II SCI for Reconstruction	of East 72nd Street, etc.		FMS ID#: SEK0	02377/HWK002377			
DRILLING CONTRACTOR: PAL Env	ironmental Services		WOL #: OEHS	S-20201409799-WOL-121			
DRILLING METHOD: Airknife and Vac	etron		DATE STARTED:	9/27/2021			
BOREHOLE DATA			9/28/2021				
Diameter (in): 6	Well Diameter (in):	N/A	DRIILER:	T. Portillo			
Total Depth (ft.): 2	Total Depth (ft.):	N/A	LBA INSPECTOR:	H. August			
Depth to Refusal (ft): 2	Screen Length (ft):	N/A	NORTHING (ft):	166968.6226			
Depth to Water (ft.): N/A	Depth to Water (ft.):	N/A	EASTING (ft):	1008563.647			
Depth to Rock (ft.): N/A	Slot Size (in):	N/A	SURFACE ELEVATION (ft): N/A				

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	-	1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2	TOPSOIL			<1	Moderate brown (5YR 3/4), coarse to fine SAND, little Silt, little coarse to fine Gravel, moist.	Sand (Topsoil)
	1 —		FILL			<1	Dusky yellowish brown (10YR 2/2), SILT, trace fine Sand, trace coarse to fine Gravel, moist.	Silt (Fill)
	-		FILL			<1	Moderate brown (5YR 4/4), coarse to fine SAND, some coarse to fine Gravel, moist. Total Depth of Boring 2 feet.	Gravelly Sand (Fill). Collected
	- 3 —						Refusal at 2 ftbg due to roots and cobbles	grab sample SB05 from 1.5 to 2.0 ftbg and composite sample SB05 from 0 to 2 ftbg.
	_							
	4 —							
	5 —							
	_							

Louis Berger	Drilling Log	BORING NO.: SB06				
Louis Berger	Page 1 of 2	LOCATION: Brooklyn, NY				
CLIENT: NYC Department of Design and	l Construction	PROJECT NO.: 31402661.091				
PROJECT: Phase II SCI for Reconstruction	of East 72nd Street, etc.	FMS ID#: SEK002377/HWK002377				
DRILLING CONTRACTOR: PAL Env	,					
DRILLING METHOD: Direct Push		DATE STARTED: 9/27/2021				
BOREHOLE DATA	WELL DATA	DATE FINISHED: 9/28/2021				
Diameter (in): 2.25	Well Diameter (in): N/A	DRIILER: T. Portillo				
Total Depth (ft.): 10	Total Depth (ft.): N/A	LBA INSPECTOR: H. August				

N/A

N/A

166810.1726

1008796.564

NORTHING (ft):

SURFACE ELEVATION (ft): N/A

EASTING (ft):

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart. Pre-cleared to 6 feet below ground.

Screen Length (ft):

Slot Size (in):

Depth to Water (ft.):

Depth to Refusal (ft):

Depth to Water (ft.):

Depth to Rock (ft.):

N/A

N/A

N/A

Well Construction	Depth (feet)	Lithology	NSCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	1 —		FILL			<1	Grayish orange (10YR 7/4), coarse to fine SAND, trace coarse to fine Gravel, moist.	Sand (Fill)
	2 —		FILL			<1	Dark gray (N3), Clayey SILT, and coarse to fine Gravel, moist.	Gravelly Clayey Silt (Fill)
	_		FILL			<1	Dusky brown (5YR 2/2), coarse to fine SAND, and coarse to fine Gravel, moist.	Gravelly Sand (Fill)
	3 —							
	4 —							
	5 —							

							D-:'11'	Drilling Log			BORING NO.: SB06			
		ا	Louis Be	erger			_	_			Irlem NV			
<u> </u>		NIC.	<u> </u>		2.5		Page 2 of	2	LOCATION:		klyn, NY			
CLIEN							d Construction		PROJECT NO.: 31402					
			FRACTO				n of East 72nd Street, etc. vironmental Services				WK002377			
DRILL					ect Pu		vironinental Services		DATE STARTED:	8-202014 9/27/20	09799-WOL-121			
DKILL			HOLE D			1511	WELL DA	. ТА	DATE STARTED: DATE FINISHED:	9/28/20				
Diamet			2.2		<u>.</u>		Well Diameter (in):	N/A	DRIILER:	T. Porti				
Total D			10				Total Depth (ft.):	N/A	LBA INSPECTOR:	H. Aug				
Depth							Screen Length (ft):	N/A	NORTHING (ft):	166810				
Depth							Depth to Water (ft.):	N/A	EASTING (ft):	100879				
Depth 1							Slot Size (in):	N/A	SURFACE ELEVATION					
<u> </u>					Jnifie	d Soil (Classification System (USCS), B							
		-	to 6 feet			nd.								
Well Construction	Depth (feet)	Lithology	nscs	Sample Interval	Sample Recovery	PID Reading (ppm)	Des	cription and Strati	graphy		Remarks			
		000	GP			<1	Very Dusky Red (10R 2/2)	, medium to fine GR	AVEL, little coarse to f	ine	Gravel			
		<u> </u>	OL			<1	Sand, moist. Grayish brown (5YR 3/2),	Organia SILT maist			Organic Silt			
	_	<u>\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ </u>	PEAT			<1	Moderate red (5R 4/6) to vo				Peat.			
	7	<u> </u>					Thousand rea (ore wo) to ve	ory Bushly redu (1916	2/2/, 12/11, 110/100		Collected grab sample SB06 from			
	,	1/ 1/									7.0 to 7.5 ftbg and			
	_	<u> </u>									composite			
		<u>\\\</u> \			*						sample SB06 from 0 to 7.5			
		1, 11,									ftbg.			
	8 —	<u> </u>												
		1/ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\												
	_	<u> </u>												
		<u>\\\\</u> \												
	9 —	1, 11,												
		<u> </u>			<u> </u>									
	_	1/ 1//												
		1/ N/			*									
		<u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>					Tot	al Depth of Boring	10 feet.					
	10						<u> </u>							
	_													
	11 —													
	_													
				1										

Louis Berger	Drilling Log	BORING NO.: SB07
Louis Berger	Page 1 of 1	LOCATION: Brooklyn, NY
CLIENT: NYC Department of Design and	1 Construction	PROJECT NO.: 31402661.091
PROJECT: Phase II SCI for Reconstruction	of East 72nd Street, etc.	FMS ID#: SEK002377/HWK002377
DRILLING CONTRACTOR: PAL Env	ironmental Services	WOL #: OEHS-20201409799-WOL-121
DRILLING METHOD: Airknife and Vac	etron	DATE STARTED: 9/28/2021
BOREHOLE DATA	WELL DATA	DATE FINISHED: 9/28/2021
Diameter (in): 6	Well Diameter (in): N/A	DRIILER: T. Portillo
Total Depth (ft.): 4.3	Total Depth (ft.): N/A	LBA INSPECTOR: H. August
Depth to Refusal (ft): 4.3	Screen Length (ft): N/A	NORTHING (ft): 166635.5496
Depth to Water (ft.): N/A	Depth to Water (ft.): N/A	EASTING (ft): 1008962.234

SURFACE ELEVATION (ft): N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.

Slot Size (in):

Depth to Rock (ft.):

N/A

Depth (feet)	Lithology	nscs	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
1 —	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4				<1		Concrete Sand and
- 2 —						coarse to fine Gravel, moist.	Gravel (Fill)
3 —		FILL			<1	Dark yellowish brown (10YR 4/2), coarse to fine SAND, trace Silt, and coarse to fine Gravel, moist.	
4 —		FILL			<1	Dusky yellowish brown (10YR 2/2), coarse to fine SAND, and coarse to fine Gravel, moist. Total Depth of Boring 4.3 feet.	Cobble refusal at 4.3 ftbg. Collected grab sample SB07 from
5 —						Refusal at 4.3 ftbg due to cobbles	3.8 to 4.3 ftbg and composite sample SB07 from 0 to 4.3 ftbg.
	1 — 2 — 3 — 4 —	1 — 4 — 4 — 4 — 4	TILL TILL TILL TILL TILL TILL TILL TILL TILL TILL	FILL - FILL - FILL - FILL - FILL	FILL FILL FILL 4 — FILL	FILL <1 4 — FILL <1	FILL I Dark yellowish brown (10YR 4/2), coarse to fine SAND, trace Silt, and coarse to fine Gravel, moist. I Dark yellowish brown (10YR 4/2), coarse to fine SAND, trace Silt, and coarse to fine Gravel, moist. I Dark yellowish brown (10YR 4/2), coarse to fine SAND, trace Silt, and coarse to fine Gravel, moist. I Dusky yellowish brown (10YR 2/2), coarse to fine SAND, and coarse to fine Gravel, moist. I Dusky yellowish brown (10YR 2/2), coarse to fine SAND, and coarse to fine Gravel, moist. I Total Depth of Boring 4.3 feet. Refusal at 4.3 ftbg due to cobbles



APPENDIX B LABORATORY ANALYTICAL RESULTS

Hampton-Clarke Report Of Analysis

Client: WSP USA, Inc. HC Project #: 1092905

Project: 72nd Street

Sample ID: SB-01 GRAB

Lab#: AD26292-001

Matrix: Soil

Collection Date: 9/28/2021 Receipt Date: 9/28/2021

% Solids SM2540G

Analyte	DF	Units	RL	Result	
%Solids	1	percent		77	

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.99	mg/kg	0.0026	ND
1,1,2,2-Tetrachloroethane	0.99	mg/kg	0.0026	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.99	mg/kg	0.0026	ND
1,1,2-Trichloroethane	0.99	mg/kg	0.0026	ND
1,1-Dichloroethane	0.99	mg/kg	0.0026	ND
1,1-Dichloroethene	0.99	mg/kg	0.0026	ND
1,2,3-Trichlorobenzene	0.99	mg/kg	0.0026	ND
1,2,4-Trichlorobenzene	0.99	mg/kg	0.0026	ND
1,2-Dibromo-3-chloropropane	0.99	mg/kg	0.0026	ND
1,2-Dibromoethane	0.99	mg/kg	0.00064	ND
1,2-Dichlorobenzene	0.99	mg/kg	0.0026	ND
1,2-Dichloroethane	0.99	mg/kg	0.0026	ND
1,2-Dichloropropane	0.99	mg/kg	0.0026	ND
1,3-Dichlorobenzene	0.99	mg/kg	0.0026	ND
1,4-Dichlorobenzene	0.99	mg/kg	0.0026	ND
1,4-Dioxane	0.99	mg/kg	0.13	ND
2-Butanone	0.99	mg/kg	0.0026	ND
2-Hexanone	0.99	mg/kg	0.0026	ND
4-Methyl-2-pentanone	0.99	mg/kg	0.0026	ND
Acetone	0.99	mg/kg	0.013	ND
Benzene	0.99	mg/kg	0.0013	ND
Bromochloromethane	0.99	mg/kg	0.0026	ND
Bromodichloromethane	0.99	mg/kg	0.0026	ND
Bromoform	0.99	mg/kg	0.0026	ND
Bromomethane	0.99	mg/kg	0.0026	ND ND
Carbon disulfide	0.99	mg/kg	0.0044	ND
Carbon tetrachloride	0.99	mg/kg	0.0026	ND
Chlorobenzene	0.99	mg/kg	0.0026	ND
Chloroethane	0.99	mg/kg	0.0026	ND
Chloroform	0.99	mg/kg	0.0026	ND
Chloromethane	0.99	mg/kg	0.0026	ND
cis-1,2-Dichloroethene	0.99	mg/kg	0.0026	ND
cis-1,3-Dichloropropene	0.99	mg/kg	0.0026	ND
Cyclohexane	0.99	mg/kg	0.0026	ND
Dibromochloromethane	0.99		0.0026	ND
Dichlorodifluoromethane	0.99	mg/kg	0.0026	ND ND
Ethylbenzene	0.99	mg/kg	0.0026	ND ND
Isopropylbenzene	0.99	mg/kg	0.0013	ND ND
		mg/kg		
m&p-Xylenes	0.99	mg/kg	0.0015	ND
Methyl Acetate	0.99	mg/kg	0.0026	ND
Methylcyclohexane	0.99	mg/kg	0.0026	ND
Methylene chloride	0.99	mg/kg	0.0026	0.27
Methyl-t-butyl ether	0.99	mg/kg	0.0013	ND
o-Xylene	0.99	mg/kg	0.0013	ND
Styrene	0.99	mg/kg	0.0026	ND
t-Butyl Alcohol	0.99	mg/kg	0.013	ND
Tetrachloroethene	0.99	mg/kg	0.0026	0.016
Toluene	0.99	mg/kg	0.0013	ND
trans-1,2-Dichloroethene	0.99	mg/kg	0.0026	ND
trans-1,3-Dichloropropene	0.99	mg/kg	0.0026	ND
Trichloroethene	0.99	mg/kg	0.0026	ND
Trichlorofluoromethane			0.0026	ND

NOTE: Soil Results are reported to Dry Weight Project #: 1092905 Page 1 of 22

 Sample ID: SB-01 GRAB
 Collection Date: 9/28/2021

 Lab#: AD26292-001
 Receipt Date: 9/28/2021

Matrix: Soil

 Xylenes (Total)
 0.99
 mg/kg
 0.0013
 ND

NOTE: Soil Results are reported to Dry Weight Project #: 1092905 Page 2 of 22

Sample ID: SB-01 COMP Collection Date: 9/28/2021 Lab#: AD26292-002 Receipt Date: 9/28/2021

Matrix: Soil

% Solids SM2540G								
Analyte		DF		Units	RL		Result	
%Solids		1		percent			82	
asoline range organics 8015D(C6-C10)								
Analyte		DF		Units	RL		Result	
Gasoline Range Organics		99.2		mg/kg	30		ND	
Surrogate	Conc.	00.2	Spike	mg/kg	Low Limit	High Limit	Recovery	Flags
1,4-Dichlorobenzene-d4	25.17		30		50	150	84	3-
nitability (EPA 1030)								
Analyte		DF		Units	RL		Result	
Burning Rate (mm/sec)		1					NA	
Flame Propagation (POS/NEG)		1					NEG	
Ignitability (POS/NEG)		1					NEG	
ercury (TCLP) 7470A								
Analyte		DF		Units	RL		Result	
Mercury		1		mg/l	0.00050		ND	
AH Compounds 8270								
Analyte		DF		Units	RL		Result	
2-Methylnaphthalene		10		mg/kg	1.2		ND	
Acenaphthylana		10		mg/kg	1.2		ND ND	
Acenaphthylene Anthracene		10 10		mg/kg mg/kg	1.2 1.2		ND 3.0	
Benzo[a]anthracene		10		mg/kg	1.2		7.5	
Benzo[a]pyrene		10		mg/kg	1.2		6.2	
Benzo[b]fluoranthene		10		mg/kg	1.2		8.6	
Benzo[g,h,i]perylene		10		mg/kg	1.2		3.1	
Benzo[k]fluoranthene		10		mg/kg	1.2		2.7	
Chrysene		10		mg/kg	1.2		7.2	
Dibenzo[a,h]anthracene		10		mg/kg	1.2		ND	
Fluoranthene		10		mg/kg	1.2		15	
Fluorene		10		mg/kg	1.2		ND	
Indeno[1,2,3-cd]pyrene		10		mg/kg	1.2		2.4	
Naphthalene Phenanthrene		10 10		mg/kg	0.35 1.2		0.37 12	
Pyrene		10		mg/kg mg/kg	1.2		14	
aint Filter Test 9095B		10		g/kg	1.2		- 14	
Analyte		DF		Units	RL		Result	
Paint Filter Test		1					NEG	
CB 8082								
Analyte		DF		Units	RL		Result	
Aroclor (Total)		1	-	mg/kg	0.030		0.33	
Aroclor-1016		1		mg/kg	0.030		ND	
Aroclor-1221		1		mg/kg	0.030		ND	
Aroclor-1232		1		mg/kg	0.030		ND	
Aroclor-1242		1		mg/kg	0.030		ND	
Aroclor-1248		1		mg/kg	0.030		ND	
Aroclor-1254 Aroclor-1260		1		mg/kg	0.030 0.030		ND 0.33	
Aroclor-1260 Aroclor-1262		1		mg/kg mg/kg	0.030		ND	
Aroclor-1262 Aroclor-1268		1		mg/kg	0.030		ND ND	
Surrogate	Conc.		Spike	gmy	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	142.99		100		37	141	143	S8
TCMX-Surrogate	122.85		100		37	141	123	
DCB-Surrogate	82.19		100		34	146	82	
DCB-Surrogate	109.58		100		34	146	110	
H 9040C/9045D								
Analyte		DF		Units	RL		Result	
рН		1		ph			8.0	

NOTE: Soil Results are reported to Dry Weight

Project #: 1092905

Page 3 of 22

Sample ID: SB-01 COMP Collection Date: 9/28/2021 Lab#: AD26292-002 Receipt Date: 9/28/2021 Matrix

Soil			0.20.202.		
Temperature	1	С		23.0	
eactive Cyanide					
Analyte	DF	Units	RL	Result	
Cyanide (Reactive)	1	mg/kg	0.50	ND	
eactive Sulfide					
Analyte	DF	Units	RL	Result	
Sulfide (Reactive)	1	mg/kg	100	ND	
CLP Metals 6010D					
Analyte	DF	Units	RL	Result	
Arsenic	1	mg/l	0.10	ND	
Barium	1	mg/l	0.25	0.87	
Cadmium	1	mg/l	0.050	ND	
Chromium	1	mg/l	0.10	ND	
Lead	2	mg/l	0.10	14	
Nickel	1	mg/l	0.10	0.17	
Selenium	1	mg/l	0.10	ND	
Silver	1	mg/l	0.050	ND	
otal PetroleumHydrocarbons8015D(C8-C4	10)				
Analyte	DF	Units	RL	Result	

Analyte	D	F Ur	nits	RL		Result	
Total Petroleum Hydrocarbons	3	mg	J/kg	220		2900	
Surrogate	Conc.	Spike		Low Limit	High Limit	Recovery	Flags
O-Terphenyl	4.30	20		30	146	64	
Chlorobenzene	2.43	20		20	117	36	

NOTE: Soil Results are reported to Dry Weight Project #: 1092905 Page 4 of 22
 Sample ID:
 SB-02 GRAB
 Collection Date:
 9/28/2021

 Lab#:
 AD26292-003
 Receipt Date:
 9/28/2021

Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		78

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	mg/kg	0.0026	ND
1,1,2,2-Tetrachloroethane	1	mg/kg	0.0026	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	mg/kg	0.0026	ND
1,1,2-Trichloroethane	1	mg/kg	0.0026	ND
1,1-Dichloroethane	1	mg/kg	0.0026	ND
1,1-Dichloroethene	1	mg/kg	0.0026	ND
1,2,3-Trichlorobenzene	1	mg/kg	0.0026	ND
1,2,4-Trichlorobenzene	1	mg/kg	0.0026	ND
1,2-Dibromo-3-chloropropane	1	mg/kg	0.0026	ND
1,2-Dibromoethane	1	mg/kg	0.00064	ND
1,2-Dichlorobenzene	1	mg/kg	0.0026	ND
1,2-Dichloroethane	1	mg/kg	0.0026	ND
1,2-Dichloropropane	1	mg/kg	0.0026	ND
1,3-Dichlorobenzene	1	mg/kg	0.0026	ND
1,4-Dichlorobenzene	1	mg/kg	0.0026	ND
1,4-Dioxane	1	mg/kg	0.13	ND
2-Butanone	1	mg/kg	0.0026	0.0042
2-Hexanone	1	mg/kg	0.0026	ND
4-Methyl-2-pentanone	1	mg/kg	0.0026	ND
Acetone	1	mg/kg	0.013	0.028
Benzene	1	mg/kg	0.0013	ND
Bromochloromethane	1	mg/kg	0.0026	ND
Bromodichloromethane	1	mg/kg	0.0026	ND
Bromoform	1	mg/kg	0.0026	ND
Bromomethane	1	mg/kg	0.0026	ND
Carbon disulfide	1	mg/kg	0.0044	ND
Carbon tetrachloride	1	mg/kg	0.0026	ND
Chlorobenzene	1	mg/kg	0.0026	ND
Chloroethane	1	mg/kg	0.0026	ND
Chloroform	1	mg/kg	0.0026	ND
Chloromethane	1	mg/kg	0.0026	ND
cis-1,2-Dichloroethene	1	mg/kg	0.0026	ND
cis-1,3-Dichloropropene	1	mg/kg	0.0026	ND
Cyclohexane	1	mg/kg	0.0026	ND
Dibromochloromethane	1	mg/kg	0.0026	ND
Dichlorodifluoromethane	1	mg/kg	0.0026	ND
Ethylbenzene	1	mg/kg	0.0013	ND
Isopropylbenzene	1	mg/kg	0.0013	ND
m&p-Xylenes	1	mg/kg	0.0015	ND
Methyl Acetate	1	mg/kg	0.0026	ND
Methylcyclohexane	1	mg/kg	0.0026	ND
Methylene chloride	1	mg/kg	0.0026	0.027
Methyl-t-butyl ether	1	mg/kg	0.0013	ND
o-Xylene	1	mg/kg	0.0013	ND
Styrene	1	mg/kg	0.0026	ND
t-Butyl Alcohol	1	mg/kg	0.013	ND
Tetrachloroethene	1	mg/kg	0.0026	0.0046
Toluene	1	mg/kg	0.0013	ND
trans-1,2-Dichloroethene	1	mg/kg	0.0026	ND
trans-1,3-Dichloropropene	1	mg/kg	0.0026	ND
Trichloroethene	1	mg/kg	0.0026	ND
Trichlorofluoromethane	1	mg/kg	0.0026	ND
Vinyl chloride	1	mg/kg	0.0026	ND
,	•	mg/kg	0.0013	ND

NOTE: Soil Results are reported to Dry Weight Project #: 1092905 Page 5 of 22

 Sample ID:
 SB-02 COMP
 Collection Date:
 9/28/2021

 Lab#:
 AD26292-004
 Receipt Date:
 9/28/2021

% Solids SM2540G								
Analyte		DF		Units	RL		Result	
%Solids		1		percent			92	
asoline range organics 8015D(C6-C10)								
Analyte		DF		Units	RL		Result	
Gasoline Range Organics		99.6		mg/kg	27		ND	
Surrogate	Conc.		Spike		Low Limit	High Limit	Recovery	Flags
1,4-Dichlorobenzene-d4	24.99		30		50	150	83	
nitability (EPA 1030)								
Analyte		DF		Units	RL		Result	
Burning Rate (mm/sec)		1					NA	
Flame Propagation (POS/NEG)		1					NEG	
Ignitability (POS/NEG)		1					NEG	
ercury (TCLP) 7470A								
Analyte		DF		Units	RL		Result	
Mercury		1		mg/l	0.00050		ND	
AH Compounds 8270								
Analyte		DF		Units	RL		Result	
2-Methylnaphthalene		5		mg/kg	0.18		ND	
Acenaphthene		5 5		mg/kg	0.18		0.30	
Acenaphthylene		5		mg/kg	0.18		ND	
Anthracene		5		mg/kg	0.18		0.53	
Benzo[a]anthracene		5		mg/kg	0.18		1.7	
Benzo[a]pyrene		5		mg/kg	0.18		1.5	
Benzo[b]fluoranthene		5		mg/kg	0.18		2.1	
Benzo[g,h,i]perylene		5		mg/kg	0.18		0.75	
Benzo[k]fluoranthene		5		mg/kg	0.18		0.58	
Chrysene		5		mg/kg	0.18		1.5	
Dibenzo[a,h]anthracene		5		mg/kg	0.18		0.23	
Fluoranthene Fluorene		5		mg/kg mg/kg	0.18 0.18		3.1 0.22	
Indeno[1,2,3-cd]pyrene		5		mg/kg	0.18		0.65	
Naphthalene		5		mg/kg	0.052		0.03	
Phenanthrene		5		mg/kg	0.18		2.2	
Pyrene		5		mg/kg	0.18		3.1	
aint Filter Test 9095B								
Analyte		DF		Units	RL		Result	
Paint Filter Test		1		Oille			NEG	
CB 8082		•					1120	
		DF		Unito	DI		Result	
Analyte				Units	RL			
Aroclor (Total)		1		mg/kg	0.027		ND	
Aroclor-1016 Aroclor-1221		1 1		mg/kg mg/kg	0.027 0.027		ND ND	
Aroclor-1232		1		mg/kg	0.027		ND ND	
Aroclor-1232 Aroclor-1242		1		mg/kg	0.027		ND	
Aroclor-1248		1		mg/kg	0.027		ND	
Aroclor-1254		1		mg/kg	0.027		ND	
Aroclor-1260		1		mg/kg	0.027		ND	
Aroclor-1262		1		mg/kg	0.027		ND	
Aroclor-1268		1		mg/kg	0.027		ND	
Surrogate	Conc.		Spike		Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	178.49		100		37	141	178	S8
TCMX-Surrogate	152.23		100		37	141	152	S8
DCB-Surrogate	77.14		100		34	146	77 97	
DCB-Surrogate	87.48		100		34	146	87	
H 9040C/9045D				11.2	.		D- "	
Analyte		DF		Units	RL		Result	
рН		1		ph			8.4	

 Sample ID:
 SB-02 COMP
 Collection Date:
 9/28/2021

 Lab#:
 AD26292-004
 Receipt Date:
 9/28/2021

 Matrix:
 Soil

: Soil			Receipt Date: 3/20/2021				
Temperature	1		С			23.5	
Reactive Cyanide							
Analyte	C	F	Units	RL		Result	
Cyanide (Reactive)	1		mg/kg	0.50		ND	
Reactive Sulfide							
Analyte		F	Units	RL		Result	
Sulfide (Reactive)	1		mg/kg	100		ND	
TCLP Metals 6010D							
Analyte		F	Units	RL		Result	
Arsenic	2		mg/l	0.20		ND	
Barium	1		mg/l	0.25		0.58	
Cadmium	1		mg/l	0.050		ND	
Chromium	2		mg/l	0.20		ND	
Lead	2		mg/l	0.10		1.4	
Nickel	1		mg/l	0.10		ND	
Selenium	2		mg/l	0.20		ND	
Silver	2		mg/l	0.10		ND	
Total PetroleumHydrocarbons8015D(C8-C40)							
Analyte	[F	Units	RL		Result	
Total Petroleum Hydrocarbons	1		mg/kg	65		740	
Surrogate	Conc.	Spike		Low Limit	High Limit	Recovery	Flags

20 20

17.31

6.79

30 20 146 117 87

34

O-Terphenyl

Chlorobenzene

 Sample ID:
 SB-03 GRAB
 Collection Date:
 9/28/2021

 Lab#:
 AD26292-005
 Receipt Date:
 9/28/2021

Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		83

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.994	mg/kg	0.0024	ND
1,1,2,2-Tetrachloroethane	0.994	mg/kg	0.0024	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.994	mg/kg	0.0024	ND
1,1,2-Trichloroethane	0.994	mg/kg	0.0024	ND
1,1-Dichloroethane	0.994	mg/kg	0.0024	ND
1,1-Dichloroethene	0.994	mg/kg	0.0024	ND
1,2,3-Trichlorobenzene	0.994	mg/kg	0.0024	ND
1,2,4-Trichlorobenzene	0.994	mg/kg	0.0024	ND
1,2-Dibromo-3-chloropropane	0.994	mg/kg	0.0024	ND
1,2-Dibromoethane	0.994	mg/kg	0.00060	ND
1,2-Dichlorobenzene	0.994	mg/kg	0.0024	ND
1,2-Dichloroethane	0.994	mg/kg	0.0024	ND
1,2-Dichloropropane	0.994	mg/kg	0.0024	ND
1,3-Dichlorobenzene	0.994	mg/kg	0.0024	ND
1,4-Dichlorobenzene	0.994	mg/kg	0.0024	ND
1,4-Dioxane	0.994	mg/kg	0.12	ND
2-Butanone	0.994	mg/kg	0.0024	ND
2-Hexanone	0.994	mg/kg	0.0024	ND
4-Methyl-2-pentanone	0.994	mg/kg	0.0024	ND
Acetone	0.994	mg/kg	0.012	0.019
Benzene	0.994	mg/kg	0.0012	ND
Bromochloromethane	0.994	mg/kg	0.0024	ND
Bromodichloromethane	0.994	mg/kg	0.0024	ND
Bromoform	0.994	mg/kg	0.0024	ND
Bromomethane	0.994	mg/kg	0.0024	ND
Carbon disulfide	0.994	mg/kg	0.0041	ND
Carbon tetrachloride	0.994	mg/kg	0.0024	ND
Chlorobenzene	0.994	mg/kg	0.0024	ND
Chloroethane	0.994	mg/kg	0.0024	ND
Chloroform	0.994	mg/kg	0.0024	ND
Chloromethane	0.994	mg/kg	0.0024	ND
cis-1,2-Dichloroethene	0.994	mg/kg	0.0024	ND
cis-1,3-Dichloropropene	0.994	mg/kg	0.0024	ND
Cyclohexane	0.994	mg/kg	0.0024	ND
Dibromochloromethane	0.994	mg/kg	0.0024	ND
Dichlorodifluoromethane	0.994	mg/kg	0.0024	ND
Ethylbenzene	0.994	mg/kg	0.0012	ND
Isopropylbenzene	0.994	mg/kg	0.0012	ND
m&p-Xylenes	0.994	mg/kg	0.0014	ND
Methyl Acetate	0.994	mg/kg	0.0024	ND
Methylcyclohexane	0.994	mg/kg	0.0024	ND
Methylene chloride	0.994	mg/kg	0.0024	0.053
Methyl-t-butyl ether	0.994	mg/kg	0.0012	ND
o-Xylene	0.994	mg/kg	0.0012	ND
Styrene	0.994	mg/kg	0.0024	ND
t-Butyl Alcohol	0.994	mg/kg	0.012	ND
Tetrachloroethene	0.994	mg/kg	0.0024	0.013
Toluene	0.994	mg/kg	0.0012	ND
trans-1,2-Dichloroethene	0.994	mg/kg	0.0024	ND
trans-1,3-Dichloropropene	0.994	mg/kg	0.0024	ND
Trichloroethene	0.994	mg/kg	0.0024	ND
Trichlorofluoromethane	0.994	mg/kg	0.0024	ND
		mg/kg	0.0024	ND
Vinyl chloride	0.994	IIIQ/KG		ND

NOTE: Soil Results are reported to Dry Weight Project #: 1092905 Page 8 of 22

 Sample ID:
 SB-03 COMP
 Collection Date:
 9/28/2021

 Lab#:
 AD26292-006
 Receipt Date:
 9/28/2021

% Solids SM2540G								
Analyte		DF		Units	RL		Result	
%Solids		1		percent			87	
asoline range organics 8015D(C6-C10)								
Analyte		DF		Units	RL		Result	
Gasoline Range Organics		95.4		mg/kg	27		ND	
Surrogate	Conc.		Spike		Low Limit	High Limit	Recovery	Flags
1,4-Dichlorobenzene-d4	27.48		30		50	150	92	
nitability (EPA 1030)								
Analyte		DF		Units	RL		Result	
Burning Rate (mm/sec) Flame Propagation (POS/NEG) Ignitability (POS/NEG)		1 1 1					NA NEG NEG	
Mercury (TCLP) 7470A								
Analyte		DF		Units	RL		Result	
Mercury		1		mg/l	0.00050		ND	
PAH Compounds 8270								
Analyte		DF		Units	RL		Result	
2-Methylnaphthalene		1		mg/kg	0.038		ND	
Acenaphthene		1		mg/kg	0.038		0.062	
Acenaphthylene		1		mg/kg	0.038		ND 0.13	
Anthracene Benzo[a]anthracene		1		mg/kg mg/kg	0.038		0.12	
Benzo[a]pyrene		1		mg/kg mg/kg	0.038		0.42	
Benzo[b]fluoranthene		1		mg/kg	0.038		0.53	
Benzo[g,h,i]perylene		1		mg/kg	0.038		0.26	
Benzo[k]fluoranthene		1		mg/kg	0.038		0.18	
Chrysene		1		mg/kg	0.038		0.39	
Dibenzo[a,h]anthracene		1		mg/kg	0.038		0.076	
Fluoranthene		1		mg/kg	0.038		0.79	
Fluorene		1		mg/kg	0.038		0.049	
Indeno[1,2,3-cd]pyrene		1		mg/kg	0.038		0.24	
Naphthalene Phonanthrone		1		mg/kg	0.011		0.017	
Phenanthrene Pyrene		1		mg/kg mg/kg	0.038		0.55	
Paint Filter Test 9095B		•		9/1/9	0.000		00	
Analyte		DF		Units	RL		Result	
Paint Filter Test		1					NEG	
PCB 8082								
Analyte		DF		Units	RL		Result	
Aroclor (Total)		1		mg/kg	0.029		0.092	
Aroclor-1016		1		mg/kg	0.029		ND	
Aroclor-1221		1		mg/kg	0.029		ND	
Aroclor 1232		1		mg/kg	0.029		ND	
Aroclor-1242 Aroclor-1248		1		mg/kg mg/kg	0.029 0.029		ND ND	
Aroclor-1246 Aroclor-1254		1		mg/kg	0.029		ND	
Aroclor-1260		1		mg/kg	0.029		ND	
Aroclor-1262		1		mg/kg	0.029		0.092	
Aroclor-1268		1		mg/kg	0.029		ND	
Surrogate	Conc.		Spike		Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	148.24		100		37	141	148	S8
TCMX-Surrogate	140.34		100		37	141	140	
DCB-Surrogate DCB-Surrogate	111.79 117.80		100 100		34 34	146 146	112 118	
bH 9040C/9045D	111.00		100			170	710	
Analyte		DF		Units	RL		Result	
pH		1		ph			10	
F		•		P				

Sample ID: SB-03 COMP Collection Date: 9/28/2021 Lab#: AD26292-006 Receipt Date: 9/28/2021 Matrix

AD26292-006 Soil			Receipt Date: 9/28/2021					
Temperature	1		С			22.7		
Reactive Cyanide								
Analyte)F	Units	RL		Result		
Cyanide (Reactive)	1		mg/kg	0.50		ND		
Reactive Sulfide								
Analyte)F	Units	RL		Result		
Sulfide (Reactive)	1		mg/kg	100		ND		
TCLP Metals 6010D								
Analyte)F	Units	RL		Result		
Arsenic	2		mg/l	0.20		ND		
Barium	1		mg/l	0.25		0.63		
Cadmium	1		mg/l	0.050		ND		
Chromium	2		mg/l	0.20		ND		
Lead	2		mg/l	0.10		0.14		
Nickel	1		mg/l	0.10		ND		
Selenium	2		mg/l	0.20		ND		
Silver	2		mg/l	0.10		ND		
otal PetroleumHydrocarbons8015D(C8-C40)								
Analyte)F	Units	RL		Result		
Total Petroleum Hydrocarbons	1		mg/kg	69		390		
Surrogate	Conc.	Spike		Low Limit	High Limit	Recovery	Flags	
O-Terphenyl	15.35	20		30	146	77		
Chlorobenzene	8.75	20		20	117	44		

 Sample ID:
 SB-04 GRAB
 Collection Date:
 9/28/2021

 Lab#:
 AD26292-007
 Receipt Date:
 9/28/2021

Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result	
%Solids	1	percent		92	

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.992	mg/kg	0.0022	ND
1,1,2,2-Tetrachloroethane	0.992	mg/kg	0.0022	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.992	mg/kg	0.0022	ND
1,1,2-Trichloroethane	0.992	mg/kg	0.0022	ND
1,1-Dichloroethane	0.992	mg/kg	0.0022	ND
1,1-Dichloroethene	0.992	mg/kg	0.0022	ND
1,2,3-Trichlorobenzene	0.992	mg/kg	0.0022	ND
1,2,4-Trichlorobenzene	0.992	mg/kg	0.0022	ND
1,2-Dibromo-3-chloropropane	0.992	mg/kg	0.0022	ND
1,2-Dibromoethane	0.992	mg/kg	0.00054	ND
1,2-Dichlorobenzene	0.992	mg/kg	0.0022	ND
1,2-Dichloroethane	0.992	mg/kg	0.0022	ND
1,2-Dichloropropane	0.992	mg/kg	0.0022	ND
1,3-Dichlorobenzene	0.992	mg/kg	0.0022	ND
1,4-Dichlorobenzene	0.992	mg/kg	0.0022	ND
1,4-Dioxane	0.992	mg/kg	0.11	ND
2-Butanone	0.992	mg/kg	0.0022	ND
2-Hexanone	0.992	mg/kg	0.0022	ND
4-Methyl-2-pentanone	0.992	mg/kg	0.0022	ND
Acetone	0.992	mg/kg	0.011	ND
Benzene	0.992	mg/kg	0.0011	ND
Bromochloromethane	0.992	mg/kg	0.0022	ND
Bromodichloromethane	0.992	mg/kg	0.0022	ND
Bromoform	0.992	mg/kg	0.0022	ND
Bromomethane	0.992	mg/kg	0.0022	ND
Carbon disulfide	0.992	mg/kg	0.0037	ND
Carbon tetrachloride	0.992	mg/kg	0.0022	ND
Chlorobenzene	0.992	mg/kg	0.0022	ND
Chloroethane	0.992	mg/kg	0.0022	ND
Chloroform	0.992	mg/kg	0.0022	ND
Chloromethane	0.992	mg/kg	0.0022	ND
cis-1,2-Dichloroethene	0.992	mg/kg	0.0022	ND
cis-1,3-Dichloropropene	0.992	mg/kg	0.0022	ND
Cyclohexane	0.992	mg/kg	0.0022	ND
Dibromochloromethane	0.992	mg/kg	0.0022	ND
Dichlorodifluoromethane	0.992	mg/kg	0.0022	ND
Ethylbenzene	0.992	mg/kg	0.0011	ND
Isopropylbenzene	0.992	mg/kg	0.0011	ND
m&p-Xylenes	0.992	mg/kg	0.0013	ND
Methyl Acetate	0.992	mg/kg	0.0022	ND
Methylcyclohexane	0.992	mg/kg	0.0022	ND
Methylene chloride	0.992	mg/kg	0.0022	0.012
Methyl-t-butyl ether	0.992	mg/kg	0.0011	ND
o-Xylene	0.992	mg/kg	0.0011	ND
Styrene	0.992	mg/kg	0.0022	ND
t-Butyl Alcohol	0.992	mg/kg	0.011	ND
Tetrachloroethene	0.992	mg/kg	0.0022	ND
Toluene	0.992	mg/kg	0.0011	ND
trans-1,2-Dichloroethene	0.992	mg/kg	0.0022	ND
trans-1,3-Dichloropropene	0.992	mg/kg	0.0022	ND
Trichloroethene	0.992	mg/kg	0.0022	ND
Trichlorofluoromethane	0.992	mg/kg	0.0022	ND
Vinyl chloride	0.992	mg/kg	0.0022	ND
,	0.992	mg/kg	0.0011	ND

NOTE: Soil Results are reported to Dry Weight Project #: 1092905 Page 11 of 22

 Sample ID:
 SB-04 COMP
 Collection Date:
 9/28/2021

 Lab#:
 AD26292-008
 Receipt Date:
 9/28/2021

% Solids SM2540G								
Analyte		DF		Units	RL		Result	
%Solids		1		percent			87	
asoline range organics 8015D(C6-C10)								
Analyte		DF		Units	RL		Result	
Gasoline Range Organics		97.5		mg/kg	28		ND	
Surrogate	Conc.		Spike	3 3	Low Limit	High Limit	Recovery	Flags
1,4-Dichlorobenzene-d4	23.55		30		50	150	78	
nitability (EPA 1030)								
Analyte		DF		Units	RL		Result	
Burning Rate (mm/sec) Flame Propagation (POS/NEG) Ignitability (POS/NEG)		1 1 1					NA NEG NEG	
Mercury (TCLP) 7470A								
Analyte		DF		Units	RL		Result	
Mercury		1		mg/l	0.00050		ND	
PAH Compounds 8270								
Analyte		DF		Units	RL		Result	
2-Methylnaphthalene		1		mg/kg	0.038		ND	
Acenaphthene		1		mg/kg	0.038		0.054	
Acenaphthylene		1		mg/kg	0.038		0.091	
Anthracene		1		mg/kg	0.038		0.19	
Benzo[a]anthracene		1		mg/kg	0.038		0.80	
Benzo[a]pyrene Benzo[b]fluoranthene		1		mg/kg mg/kg	0.038 0.038		0.72 1.0	
Benzo[g,h,i]perylene		1		mg/kg	0.038		0.40	
Benzo[k]fluoranthene		1		mg/kg	0.038		0.35	
Chrysene		1		mg/kg	0.038		0.69	
Dibenzo[a,h]anthracene		1		mg/kg	0.038		0.13	
Fluoranthene		1		mg/kg	0.038		1.4	
Fluorene		1		mg/kg	0.038		0.052	
Indeno[1,2,3-cd]pyrene		1		mg/kg	0.038		0.37	
Naphthalene		1		mg/kg	0.011		0.021	
Phenanthrene		1		mg/kg	0.038		0.90	
Pyrene		1		mg/kg	0.038		1.3	
aint Filter Test 9095B								
Analyte		DF		Units	RL		Result	
Paint Filter Test		1					NEG	
PCB 8082							- ·	
Analyte		DF		Units	RL		Result	
Aroclor (Total)		1		mg/kg	0.029		0.048 ND	
Aroclor-1016 Aroclor-1221		1 1		mg/kg	0.029 0.029		ND ND	
Aroclor-1221 Aroclor-1232		1		mg/kg mg/kg	0.029		ND ND	
Aroclor-1232 Aroclor-1242		1		mg/kg	0.029		ND	
Aroclor-1242 Aroclor-1248		1		mg/kg	0.029		ND	
Aroclor-1254		1		mg/kg	0.029		ND	
Aroclor-1260		1		mg/kg	0.029		ND	
Aroclor-1262		1		mg/kg	0.029		0.048	
Aroclor-1268		1		mg/kg	0.029		ND	
Surrogate	Conc.		Spike		Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	136.33		100		37	141	136	
TCMX-Surrogate	127.71		100		37	141	128	
DCB-Surrogate DCB-Surrogate	99.58 104.37		100 100		34 34	146 146	100 104	
bH 9040C/9045D	104.31		100		J 4	170	104	
Analyte		DF		Units	RL		Result	
pH		1		ph			8.9	
PΠ		•		Pii			0.5	

 Sample ID:
 SB-04 COMP
 Collection Date:
 9/28/2021

 Lab#:
 AD26292-008
 Receipt Date:
 9/28/2021

 Matrix:
 Soil

Conc.

15.49

6.45

Soil					
Temperature	1	С		23.0	
eactive Cyanide					
Analyte	DF	Units	RL	Result	
Cyanide (Reactive)	1	mg/kg	0.50	ND	
eactive Sulfide					
Analyte	DF	Units	RL	Result	
Sulfide (Reactive)	1	mg/kg	100	ND	
CLP Metals 6010D					
Analyte	DF	Units	RL	Result	
Arsenic	2	mg/l	0.20	ND	
Barium	1	mg/l	0.25	0.42	
Cadmium	1	mg/l	0.050	ND	
Chromium	2	mg/l	0.20	ND	
Lead	2	mg/l	0.10	ND	
Nickel	1	mg/l	0.10	ND	
Selenium	2	mg/l	0.20	ND	
Silver	2	mg/l	0.10	ND	
otal PetroleumHydrocarbons8015D(C8-C40)					
Analyte	DF	Units	RL	Result	
Total Petroleum Hydrocarbons	1	mg/kg	69	410	

Spike

20

20

Low Limit

20

High Limit Recovery

117

Flags

32

Surrogate

O-Terphenyl

Chlorobenzene

1092905

 Sample ID:
 SB-05 GRAB
 Collection Date:
 9/28/2021

 Lab#:
 AD26292-009
 Receipt Date:
 9/28/2021

Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result	
%Solids	1	percent		84	

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.96	mg/kg	0.0023	ND
1,1,2,2-Tetrachloroethane	0.96	mg/kg	0.0023	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.96	mg/kg	0.0023	ND
1,1,2-Trichloroethane	0.96	mg/kg	0.0023	ND
1,1-Dichloroethane	0.96	mg/kg	0.0023	ND
1,1-Dichloroethene	0.96	mg/kg	0.0023	ND
1,2,3-Trichlorobenzene	0.96	mg/kg	0.0023	ND
1,2,4-Trichlorobenzene	0.96	mg/kg	0.0023	ND
1,2-Dibromo-3-chloropropane	0.96	mg/kg	0.0023	ND
1,2-Dibromoethane	0.96	mg/kg	0.00057	ND
1,2-Dichlorobenzene	0.96	mg/kg	0.0023	ND
1,2-Dichloroethane	0.96	mg/kg	0.0023	ND
1,2-Dichloropropane	0.96	mg/kg	0.0023	ND
1,3-Dichlorobenzene	0.96	mg/kg	0.0023	ND
1,4-Dichlorobenzene	0.96	mg/kg	0.0023	ND
1,4-Dioxane	0.96	mg/kg	0.11	ND
2-Butanone	0.96	mg/kg	0.0023	ND
2-Hexanone	0.96	mg/kg	0.0023	ND
4-Methyl-2-pentanone	0.96	mg/kg	0.0023	ND
Acetone	0.96	mg/kg	0.011	ND
Benzene	0.96	mg/kg	0.0011	ND ND
Bromochloromethane	0.96	mg/kg	0.0023	ND
Bromodichloromethane	0.96	mg/kg	0.0023	ND
Bromoform	0.96		0.0023	ND
Bromomethane	0.96	mg/kg mg/kg	0.0023	ND ND
Carbon disulfide	0.96	mg/kg	0.0023	ND ND
Carbon tetrachloride	0.96	mg/kg	0.0023	ND
Chloropthese	0.96	mg/kg	0.0023	ND
Chlorothane	0.96	mg/kg	0.0023	ND
Chloroform	0.96	mg/kg	0.0023	ND
Chloromethane	0.96	mg/kg	0.0023	ND
cis-1,2-Dichloroethene	0.96	mg/kg	0.0023	ND
cis-1,3-Dichloropropene	0.96	mg/kg	0.0023	ND
Cyclohexane	0.96	mg/kg	0.0023	ND
Dibromochloromethane	0.96	mg/kg	0.0023	ND
Dichlorodifluoromethane	0.96	mg/kg	0.0023	ND
Ethylbenzene	0.96	mg/kg	0.0011	ND
Isopropylbenzene	0.96	mg/kg	0.0011	ND
m&p-Xylenes	0.96	mg/kg	0.0014	ND
Methyl Acetate	0.96	mg/kg	0.0023	ND
Methylcyclohexane	0.96	mg/kg	0.0023	ND
Methylene chloride	0.96	mg/kg	0.0023	0.0037
Methyl-t-butyl ether	0.96	mg/kg	0.0011	ND
o-Xylene	0.96	mg/kg	0.0011	ND
Styrene	0.96	mg/kg	0.0023	ND
t-Butyl Alcohol	0.96	mg/kg	0.011	ND
Tetrachloroethene	0.96	mg/kg	0.0023	ND
Toluene	0.96	mg/kg	0.0011	ND
trans-1,2-Dichloroethene	0.96	mg/kg	0.0023	ND
trans-1,3-Dichloropropene	0.96	mg/kg	0.0023	ND
Trichloroethene	0.96	mg/kg	0.0023	ND
Trichlorofluoromethane	0.96	mg/kg	0.0023	ND
Vinyl chloride	0.96	mg/kg	0.0023	ND

NOTE: Soil Results are reported to Dry Weight Project #: 1092905 Page 14 of 22

 Sample ID:
 SB-05 COMP
 Collection Date:
 9/28/2021

 Lab#:
 AD26292-010
 Receipt Date:
 9/28/2021

1.4-Dichlorobenzene-d4	2540G							
Analyte	e	DF	•	Units	RL		Result	
Analyte	:	1		percent			88	
Surrogate Conc. Spike Low Limit High Limit Recovery 14-(Dictiocherizane-de) 25-48 30 50 150 85	ge organics 8015D(C6-C10)							
Surrogate Conc. Spike Low Limit High Limit Recovery Abundant	e	DF	-	Units	RL		Result	
gnitability (EPA 1030) Analyte	Range Organics	99		mg/kg	28		ND	
Schelinosherresen-4 25.48 30 50 150 95 95 95 95 95 95 95		Conc.	Spike		Low Limit	High Limit	Recovery	Flags
Analyte DF Units RL	orobenzene-d4	25.48			50		85	
Burning Rate (mw/sec)	PA 1030)							
Page	e	DF	•	Units	RL		Result	
Analyte DF Units RL Result	ropagation (POS/NEG)	1					NEG	
Mercury 1 mg/s 0.00050 ND	LP) 7470A							
Analyte	e	DF	•	Units	RL		Result	
Analyte		1		mg/l	0.00050		ND	
2-Methylnaphthalene	ınds 8270							
Acenaphthene	е	DF	-	Units	RL		Result	
Acenaphthylene				mg/kg	0.19			
Anthracene								
Benzo(a)prime								
Benzo[a]pyrene								
Benzo[b]fluoranthene								
Benzo[g,h,i]perylene								
Chrysene		5			0.19		3.2	
Dienzo[a,h]anthracene 5 mg/kg 0.19 7.6 Fluoranthene 5 mg/kg 0.19 7.6 Fluorene 5 mg/kg 0.19 ND Indeno[1,2,3-cd]pyrene 5 mg/kg 0.19 2.8 Naphthalene 5 mg/kg 0.19 4.0 Pyene 5 mg/kg 0.19 4.0 Pyene 5 mg/kg 0.19 6.2 Paint Filter Test 9095B Paint Filter Test 9095B DF Units RL Result Paint Filter Test 1 NEG Poc 8082 Paint Filter Test 1 Mg/kg 0.02 Analyte DF Units RL Result Analyte DF Units RL Result Ancolor-1016 1 mg/kg 0.02 0.073 Ancolor-1021 1 mg/kg 0.02 ND Ancolor-1221 1 mg/kg 0.02 ND Ancolor-1232 1 mg/kg 0.02 ND Ancolor-1242 1 mg/kg 0.02 ND Ancolor-1244 1 mg/kg 0.02 ND Ancolor-1254 1 mg/kg 0.02 ND Ancolor-1260 1 mg/kg 0.02 ND Ancolor-1260 1 mg/kg 0.02 ND Ancolor-1261 1 mg/kg 0.02 ND Ancolor-1262 1 mg/kg 0.02 ND Ancolor-1263 1 mg/kg 0.02 ND Ancolor-1264 1 mg/kg 0.02 ND Ancolor-1265 1 mg/kg 0.02 ND Ancolor-1266 1 mg/kg 0.02 ND Ancolor-1267 1 mg/kg 0.02 ND Ancolor-1268 1 mg/kg 0.02 ND Ancolor-1269 1 mg/kg 0.02 ND Ancolor-1260 1 mg/		5		mg/kg	0.19		2.6	
Fluoranthene	e	5		mg/kg	0.19		4.6	
Fluorene	[a,h]anthracene	5		mg/kg	0.19		0.95	
Indeno[1,2,3-cd]pyrene 5 mg/kg 0.19 2.8 mp/km Naphthalene 5 mg/kg 0.055 ND ND Phenanthrene 5 mg/kg 0.19 6.2 mp/km 0.19 6.2 mp/km Naphthalene Naphthale								
Naphthalene 5 mg/kg 0.055 ND Phenanthrene 5 mg/kg 0.19 4.0 Pyrene 5 mg/kg 0.19 6.2 Paint Filter Test 9095B Analyte DF Units RL Result Paint Filter Test 1 NEG Paint Filter Test 1 NEG Paint Filter Test 1 Result Paint Filter Te								
Phenanthrene 5 mg/kg 0.19 6.2 Pyrene 5 mg/kg 0.19 6.2 Prince 5 mg/kg 0.19 6.2 Paint Filter Test 9095B Paint Filter Test 0								
Pyrene 5 mg/kg 0.19 6.2 Paint Filter Test 9095B								
Analyte	nrene							
Analyte DF Units RL Result Paint Filter Test 1 NEG PCB 8082 Analyte DF Units RL Result Aroclor (Total) 1 mg/kg 0.028 0.073 Aroclor-1016 1 mg/kg 0.028 ND Aroclor-1221 1 mg/kg 0.028 ND Aroclor-1232 1 mg/kg 0.028 ND Aroclor-1244 1 mg/kg 0.028 ND Aroclor-1254 1 mg/kg 0.028 ND Aroclor-1260 1 mg/kg 0.028 ND Aroclor-1262 1 mg/kg 0.028 ND Aroclor-1268 1 mg/kg 0.028 ND Surrogate 0 1 mg/kg 0.028 ND TCMX-Surrogate 119.54 100 37 141 120 TCMX-Surrogate 100.13 100 34 146 </td <td>est 9095B</td> <td><u>J</u></td> <td></td> <td>ilig/kg</td> <td>0.13</td> <td></td> <td>0.2</td> <td></td>	est 9095B	<u>J</u>		ilig/kg	0.13		0.2	
Analyte		DF	•	Units	RL		Result	
Analyte DF Units RL Result Aroclor (Total) 1 mg/kg 0.028 0.073 Aroclor-1016 1 mg/kg 0.028 ND Aroclor-1221 1 mg/kg 0.028 ND Aroclor-1232 1 mg/kg 0.028 ND Aroclor-1242 1 mg/kg 0.028 ND Aroclor-1248 1 mg/kg 0.028 ND Aroclor-1254 1 mg/kg 0.028 ND Aroclor-1260 1 mg/kg 0.028 ND Aroclor-1262 1 mg/kg 0.028 ND Aroclor-1268 1 mg/kg 0.028 ND TCMX-Surrogate 119.54 100 37 141 120 TCMX-Surrogate 111.42 100 37 141 111 DCB-Surrogate 100.13 100 34 146 100 DCB-Surrogate 105.35 100 <	ter Test	1					NEG	
Arcolor (Total) 1 mg/kg 0.028 0.073 Arcolor-1016 1 mg/kg 0.028 ND Arcolor-1221 1 mg/kg 0.028 ND Arcolor-1232 1 mg/kg 0.028 ND Arcolor-1242 1 mg/kg 0.028 ND Arcolor-1248 1 mg/kg 0.028 ND Arcolor-1254 1 mg/kg 0.028 ND Arcolor-1260 1 mg/kg 0.028 ND Arcolor-1262 1 mg/kg 0.028 ND Arcolor-1268 1 mg/kg 0.028 ND Surrogate 119.54 100 37 141 120 TCMX-Surrogate 111.42 100 37 141 111 DCB-Surrogate 100.13 100 34 146 100 DCB-Surrogate 105.35 100 34 146 105								
Aroclor-1016 1 mg/kg 0.028 ND Aroclor-1221 1 mg/kg 0.028 ND Aroclor-1232 1 mg/kg 0.028 ND Aroclor-1242 1 mg/kg 0.028 ND Aroclor-1248 1 mg/kg 0.028 ND Aroclor-1254 1 mg/kg 0.028 ND Aroclor-1260 1 mg/kg 0.028 ND Aroclor-1262 1 mg/kg 0.028 ND Surrogate 1 mg/kg 0.028 ND TCMX-Surrogate 1 mg/kg 0.028 ND TCMX-Surrogate 119.54 100 37 141 120 TCMX-Surrogate 111.42 100 37 141 111 DCB-Surrogate 100.13 100 34 146 100 DCB-Surrogate 105.35 100 34 146 105	e		•	Units				
Aroclor-1221 1 mg/kg 0.028 ND Aroclor-1232 1 mg/kg 0.028 ND Aroclor-1242 1 mg/kg 0.028 ND Aroclor-1248 1 mg/kg 0.028 ND Aroclor-1254 1 mg/kg 0.028 ND Aroclor-1254 1 mg/kg 0.028 ND Aroclor-1260 1 mg/kg 0.028 ND Aroclor-1260 1 mg/kg 0.028 ND Aroclor-1262 1 mg/kg 0.028 ND Surrogate Conc. Spike Low Limit High Limit Recovery TCMX-Surrogate 119.54 100 37 141 120 TCMX-Surrogate 111.42 100 37 141 111 DCB-Surrogate 100.13 100 34 146 100 DCB-Surrogate 100.13 100 34 146 100 DCB-Surrogate 105.35 100 34 146 105								
Aroclor-1232 1 mg/kg 0.028 ND Aroclor-1242 1 mg/kg 0.028 ND Aroclor-1248 1 mg/kg 0.028 ND Aroclor-1254 1 mg/kg 0.028 ND Aroclor-1254 1 mg/kg 0.028 ND Aroclor-1260 1 mg/kg 0.028 ND Aroclor-1260 1 mg/kg 0.028 ND Aroclor-1262 1 mg/kg 0.028 ND Surrogate Conc. Spike Low Limit High Limit Recovery TCMX-Surrogate 119.54 100 37 141 120 TCMX-Surrogate 111.42 100 37 141 111 DCB-Surrogate 100.13 100 37 141 111 DCB-Surrogate 100.13 100 34 146 100 DCB-Surrogate 105.35 100 34 146 105								
Aroclor-1242 1 mg/kg 0.028 ND Aroclor-1248 1 mg/kg 0.028 ND Aroclor-1254 1 mg/kg 0.028 ND Aroclor-1260 1 mg/kg 0.028 ND Aroclor-1262 1 mg/kg 0.028 ND Aroclor-1268 1 mg/kg 0.028 ND Surrogate Conc. Spike Low Limit High Limit Recovery TCMX-Surrogate 119.54 100 37 141 120 TCMX-Surrogate 111.42 100 37 141 111 DCB-Surrogate 100.13 100 34 146 100 DCB-Surrogate 100.35 100 34 146 100								
Aroclor-1248 1 mg/kg 0.028 ND Aroclor-1254 1 mg/kg 0.028 ND Aroclor-1260 1 mg/kg 0.028 ND Aroclor-1262 1 mg/kg 0.028 ND Aroclor-1268 1 mg/kg 0.028 ND Surrogate Conc. Spike Low Limit High Limit Recovery TCMX-Surrogate 119.54 100 37 141 120 TCMX-Surrogate 111.42 100 37 141 111 DCB-Surrogate 100.13 100 34 146 100 DCB-Surrogate 105.35 100 34 146 105								
Aroclor-1254 1 mg/kg 0.028 ND Aroclor-1260 1 mg/kg 0.028 ND Aroclor-1262 1 mg/kg 0.028 0.073 Aroclor-1268 1 mg/kg 0.028 ND Surrogate Conc. Spike Low Limit High Limit Recovery TCMX-Surrogate 119.54 100 37 141 120 TCMX-Surrogate 111.42 100 37 141 111 DCB-Surrogate 100.13 100 34 146 100 DCB-Surrogate 105.35 100 34 146 105 H 9040C/9045D								
Aroclor-1260 1 mg/kg 0.028 ND Aroclor-1262 1 mg/kg 0.028 0.073 Aroclor-1268 1 mg/kg 0.028 ND Surrogate Conc. Spike Low Limit High Limit Recovery TCMX-Surrogate 119.54 100 37 141 120 TCMX-Surrogate 111.42 100 37 141 111 DCB-Surrogate 100.13 100 34 146 100 DCB-Surrogate 105.35 100 34 146 105 MH 9040C/9045D								
Aroclor-1262 1 mg/kg 0.028 0.073 Aroclor-1268 1 mg/kg 0.028 ND Surrogate Conc. Spike Low Limit High Limit Recovery TCMX-Surrogate 119.54 100 37 141 120 TCMX-Surrogate 111.42 100 37 141 111 DCB-Surrogate 100.13 100 34 146 100 DCB-Surrogate 105.35 100 34 146 105 H 9040C/9045D H 100.23 100 34 146 105								
Aroclor-1268 1 mg/kg 0.028 ND Surrogate Conc. Spike Low Limit High Limit Recovery TCMX-Surrogate 119.54 100 37 141 120 TCMX-Surrogate 111.42 100 37 141 111 DCB-Surrogate 100.13 100 34 146 100 DCB-Surrogate 105.35 100 34 146 105 H 9040C/9045D								
TCMX-Surrogate 119.54 100 37 141 120 TCMX-Surrogate 111.42 100 37 141 111 DCB-Surrogate 100.13 100 34 146 100 DCB-Surrogate 105.35 100 34 146 105 JH 9040C/9045D					0.028		ND	
TCMX-Surrogate 111.42 100 37 141 111 DCB-Surrogate 100.13 100 34 146 100 DCB-Surrogate 105.35 100 34 146 105 H 9040C/9045D			Spike		Low Limit	High Limit	Recovery	Flags
DCB-Surrogate 100.13 100 34 146 100 DCB-Surrogate 105.35 100 34 146 105 H 9040C/9045D	•			· · · · · · · · · · · · · · · · · · ·				
DCB-Surrogate 105.35 100 34 146 105 H 9040C/9045D	•							
H 9040C/9045D	-							
		33.00	100			140	100	
		DF	=	Units	RL		Result	
pH 1 ph 7.6				ph			7.6	

Sample ID: SB-05 COMP Collection Date: 9/28/2021 Lab#: AD26292-010 Receipt Date: 9/28/2021

Matrix

Temperature		1	С		23.1	
eactive Cyanide						
Analyte		DF	Units	RL	Result	
Cyanide (Reactive)		1	mg/kg	0.50	ND	
Reactive Sulfide						
Analyte		DF	Units	RL	Result	
Sulfide (Reactive)		1	mg/kg	100	ND	
CLP Metals 6010D						
Analyte		DF	Units	RL	Result	
Arsenic	:	2	mg/l	0.20	ND	
Barium		1	mg/l	0.25	0.74	
Cadmium		1	mg/l	0.050	ND	
Chromium	:	2	mg/l	0.20	ND	
Lead	:	2	mg/l	0.10	1.6	
Nickel		1	mg/l	0.10	ND	
Selenium		2	mg/l	0.20	ND	
Silver		2	mg/l	0.10	ND	
otal PetroleumHydrocarbons8015D(C8-C40)						
Analyte		DF	Units	RL	Result	
Total Petroleum Hydrocarbons		1	mg/kg	68	2200	
Surrogate	Conc.	S	pike	Low Limit	High Limit Recovery	Flags

20 20

19.38

9.48

30 20

146 117

97 47

O-Terphenyl

Chlorobenzene

1092905

 Sample ID:
 SB-06 GRAB
 Collection Date:
 9/28/2021

 Lab#:
 AD26292-011
 Receipt Date:
 9/28/2021

 Matrix:
 Soil

% Solids SM2540G

	Analyte	DF	Units	RL	Result
9	%Solids	1	percent		83

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.99	mg/kg	0.0024	ND
1,1,2,2-Tetrachloroethane	0.99	mg/kg	0.0024	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.99	mg/kg	0.0024	ND
1,1,2-Trichloroethane	0.99	mg/kg	0.0024	ND
1,1-Dichloroethane	0.99	mg/kg	0.0024	ND
1,1-Dichloroethene	0.99	mg/kg	0.0024	ND
1,2,3-Trichlorobenzene	0.99	mg/kg	0.0024	ND
1,2,4-Trichlorobenzene	0.99	mg/kg	0.0024	ND
1,2-Dibromo-3-chloropropane	0.99	mg/kg	0.0024	ND
1,2-Dibromoethane	0.99	mg/kg	0.00060	ND
1,2-Dichlorobenzene	0.99	mg/kg	0.0024	ND
1,2-Dichloroethane	0.99	mg/kg	0.0024	ND
1,2-Dichloropropane	0.99	mg/kg	0.0024	ND
1,3-Dichlorobenzene	0.99	mg/kg	0.0024	ND
1,4-Dichlorobenzene	0.99	mg/kg	0.0024	ND
1,4-Dioxane	0.99	mg/kg	0.12	ND
2-Butanone	0.99	mg/kg	0.0024	0.018
2-Hexanone	0.99	mg/kg	0.0024	ND
4-Methyl-2-pentanone	0.99	mg/kg	0.0024	ND
Acetone	0.99	mg/kg	0.012	0.094
Benzene	0.99	mg/kg	0.0012	ND
Bromochloromethane	0.99	mg/kg	0.0024	ND
Bromodichloromethane	0.99	mg/kg	0.0024	ND
Bromoform	0.99	mg/kg	0.0024	ND
Bromomethane	0.99	mg/kg	0.0024	ND
Carbon disulfide	0.99	mg/kg	0.0041	ND
Carbon tetrachloride	0.99	mg/kg	0.0024	ND
Chlorobenzene	0.99	mg/kg	0.0024	ND
Chloroethane	0.99	mg/kg	0.0024	ND
Chloroform	0.99	mg/kg	0.0024	ND
Chloromethane	0.99	mg/kg	0.0024	ND
cis-1,2-Dichloroethene	0.99	mg/kg	0.0024	ND
cis-1,3-Dichloropropene	0.99	mg/kg	0.0024	ND
Cyclohexane	0.99	mg/kg	0.0024	ND
Dibromochloromethane	0.99	mg/kg	0.0024	ND
Dichlorodifluoromethane	0.99	mg/kg	0.0024	ND
Ethylbenzene	0.99	mg/kg	0.0012	ND
Isopropylbenzene	0.99	mg/kg	0.0012	ND
m&p-Xylenes	0.99	mg/kg	0.0014	0.0015
Methyl Acetate	0.99	mg/kg	0.0024	ND
Methylcyclohexane	0.99	mg/kg	0.0024	ND
Methylene chloride	0.99	mg/kg	0.0024	0.0064
Methyl-t-butyl ether	0.99	mg/kg	0.0012	ND
o-Xylene	0.99	mg/kg	0.0012	ND
Styrene	0.99	mg/kg	0.0024	ND
t-Butyl Alcohol	0.99	mg/kg	0.012	ND
Tetrachloroethene	0.99	mg/kg	0.0024	ND
Toluene	0.99	mg/kg	0.0012	0.0042
trans-1,2-Dichloroethene	0.99	mg/kg	0.0024	ND
trans-1,3-Dichloropropene	0.99	mg/kg	0.0024	ND
Trichloroethene	0.99	mg/kg	0.0024	ND
Trichlorofluoromethane	0.99	mg/kg	0.0024	ND
Vinyl chloride	0.99	mg/kg	0.0024	ND
Xylenes (Total)	0.99	mg/kg	0.0012	0.0015

NOTE: Soil Results are reported to Dry Weight Project #: 1092905 Page 17 of 22

 Sample ID:
 SB-06 COMP
 Collection Date:
 9/28/2021

 Lab#:
 AD26292-012
 Receipt Date:
 9/28/2021

% Solids SM2540G								
Analyte		DF		Units	RL		Result	
%Solids		1		percent			85	
asoline range organics 8015D(C6-C10)								
Analyte		DF		Units	RL		Result	
Gasoline Range Organics		95.8		mg/kg	28		ND	
Surrogate	Conc.		Spike		Low Limit	High Limit	Recovery	Flags
1,4-Dichlorobenzene-d4	26.46		30		50	150	88	
nitability (EPA 1030)								
Analyte		DF		Units	RL		Result	
Burning Rate (mm/sec) Flame Propagation (POS/NEG) Ignitability (POS/NEG)		1 1 1					NA NEG NEG	
Mercury (TCLP) 7470A								
Analyte		DF		Units	RL		Result	
Mercury		1		mg/l	0.00050		ND	
AH Compounds 8270								
Analyte		DF		Units	RL		Result	
2-Methylnaphthalene		10		mg/kg	1.2		ND	
Acenaphthene		10		mg/kg	1.2		ND	
Acenaphthylene Anthracene		10 10		mg/kg	1.2 1.2		ND 2.8	
Benzo[a]anthracene		10		mg/kg mg/kg	1.2		9.4	
Benzo[a]pyrene		10		mg/kg	1.2		8.9	
Benzo[b]fluoranthene		10		mg/kg	1.2		11	
Benzo[g,h,i]perylene		10		mg/kg	1.2		6.0	
Benzo[k]fluoranthene		10		mg/kg	1.2		4.0	
Chrysene		10		mg/kg	1.2		9.5	
Dibenzo[a,h]anthracene		10		mg/kg	1.2		1.4	
Fluoranthene		10		mg/kg	1.2		19	
Fluorene		10		mg/kg	1.2		ND	
Indeno[1,2,3-cd]pyrene		10		mg/kg	1.2		4.9	
Naphthalene		10		mg/kg	0.34		1.0	
Phenanthrene		10		mg/kg	1.2		12	
Paint Filter Test 9095B		10		mg/kg	1.2		17	
Analyte		DF		Units	RL		Result	
Paint Filter Test		1		Onito	INE.		NEG	
CB 8082								
Analyte		DF		Units	RL		Result	
Aroclor (Total)		1		mg/kg	0.029		0.36	
Aroclor-1016		1		mg/kg	0.029		ND	
Aroclor-1221		1		mg/kg	0.029		ND	
Aroclor-1232		1		mg/kg	0.029		ND	
Aroclor-1242		1		mg/kg	0.029		ND	
Aroclor-1248		1		mg/kg	0.029		ND	
Arcelor 1260		1		mg/kg	0.029		0.29 ND	
Aroclor-1260 Aroclor-1262		1		mg/kg	0.029 0.029		ND 0.072	
Aroclor-1262 Aroclor-1268		1		mg/kg mg/kg	0.029		0.072 ND	
Surrogate	Conc.		Spike		Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	102.50		100		37	141	102	
TCMX-Surrogate	90.33		100		37	141	90	
DCB-Surrogate DCB-Surrogate	66.28 49.57		100 100		34 34	146 146	66 50	
bH 9040C/9045D	70.01		100		J 1	170		
Analyte		DF		Units	RL		Result	
pH		1		ph			8.0	
F		•		P				

Sample ID: SB-06 COMP Collection Date: 9/28/2021 Lab#: AD26292-012 Receipt Date: 9/28/2021

Matrix

Soil							
Temperature		1	С			22.9	
Reactive Cyanide							
Analyte		DF	Units	RL		Result	
Cyanide (Reactive)		1	mg/kg	0.50		ND	
Reactive Sulfide							
Analyte		DF	Units	RL		Result	
Sulfide (Reactive)		1	mg/kg	100		ND	
CLP Metals 6010D							
Analyte		DF	Units	RL		Result	
Arsenic		1	mg/l	0.10		ND	
Barium		1	mg/l	0.25		0.87	
Cadmium		1	mg/l	0.050		ND	
Chromium		1	mg/l	0.10		ND	
Lead		1	mg/l	0.050		1.4	
Nickel		1	mg/l	0.10		ND	
Selenium		1	mg/l	0.10		ND	
Silver		1	mg/l	0.050		ND	
Total PetroleumHydrocarbons8015D(C8-C4	10)						
Analyte		DF	Units	RL		Result	
Total Petroleum Hydrocarbons		5	mg/kg	350		3100	
Surrogate	Conc.	Spik	е	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	4.04	20		30	146	101	
Chlorobenzene	1.82	20		20	117	46	

Project #:

1092905

 Sample ID:
 SB-07 GRAB
 Collection Date:
 9/28/2021

 Lab#:
 AD26292-013
 Receipt Date:
 9/28/2021

Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		87

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.956	mg/kg	0.0022	ND
1,1,2,2-Tetrachloroethane	0.956	mg/kg	0.0022	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.956	mg/kg	0.0022	ND
1,1,2-Trichloroethane	0.956	mg/kg	0.0022	ND
1,1-Dichloroethane	0.956	mg/kg	0.0022	ND
1,1-Dichloroethene	0.956	mg/kg	0.0022	ND
1,2,3-Trichlorobenzene	0.956	mg/kg	0.0022	ND
1,2,4-Trichlorobenzene	0.956	mg/kg	0.0022	ND
1,2-Dibromo-3-chloropropane	0.956	mg/kg	0.0022	ND
1,2-Dibromoethane	0.956	mg/kg	0.00055	ND
1,2-Dichlorobenzene	0.956	mg/kg	0.0022	ND
1,2-Dichloroethane	0.956	mg/kg	0.0022	ND
1,2-Dichloropropane	0.956	mg/kg	0.0022	ND
1,3-Dichlorobenzene	0.956	mg/kg	0.0022	ND
1,4-Dichlorobenzene	0.956	mg/kg	0.0022	ND
1,4-Dioxane	0.956	mg/kg	0.11	ND
2-Butanone	0.956	mg/kg	0.0022	ND
2-Hexanone	0.956	mg/kg	0.0022	ND
4-Methyl-2-pentanone	0.956	mg/kg	0.0022	ND
Acetone	0.956	mg/kg	0.011	ND
Benzene	0.956	mg/kg	0.0011	ND
Bromochloromethane	0.956	mg/kg	0.0022	ND
Bromodichloromethane	0.956	mg/kg	0.0022	ND
Bromoform	0.956	mg/kg	0.0022	ND
Bromomethane	0.956	mg/kg	0.0022	ND
Carbon disulfide	0.956	mg/kg	0.0037	ND
Carbon tetrachloride	0.956	mg/kg	0.0022	ND
Chlorobenzene	0.956	mg/kg	0.0022	ND
Chloroethane	0.956	mg/kg	0.0022	ND
Chloroform	0.956	mg/kg	0.0022	ND
Chloromethane	0.956	mg/kg	0.0022	ND
cis-1,2-Dichloroethene	0.956	mg/kg	0.0022	ND
cis-1,3-Dichloropropene	0.956	mg/kg	0.0022	ND
Cyclohexane	0.956	mg/kg	0.0022	ND
Dibromochloromethane	0.956	mg/kg	0.0022	ND
Dichlorodifluoromethane	0.956	mg/kg	0.0022	ND
Ethylbenzene	0.956	mg/kg	0.0011	ND
Isopropylbenzene	0.956	mg/kg	0.0011	ND
m&p-Xylenes	0.956	mg/kg	0.0013	ND
Methyl Acetate	0.956	mg/kg	0.0022	ND
Methylcyclohexane	0.956	mg/kg	0.0022	ND
Methylene chloride	0.956	mg/kg	0.0022	0.022
Methyl-t-butyl ether	0.956	mg/kg	0.0011	ND
o-Xylene	0.956	mg/kg	0.0011	ND
Styrene	0.956	mg/kg	0.0022	ND
t-Butyl Alcohol	0.956	mg/kg	0.011	ND
Tetrachloroethene	0.956	mg/kg	0.0022	0.0052
Toluene	0.956	mg/kg	0.0022	ND
trans-1,2-Dichloroethene	0.956	mg/kg	0.0022	ND
trans-1,3-Dichloropropene	0.956	mg/kg	0.0022	ND
Trichloroethene	0.956	mg/kg	0.0022	ND
Trichlorofluoromethane	0.956	mg/kg	0.0022	ND
Vinyl chloride	0.956		0.0022	ND
viriyi oriionu c	0.930	mg/kg	0.0022	IND

NOTE: Soil Results are reported to Dry Weight Project #: 1092905 Page 20 of 22

 Sample ID:
 SB-07 COMP
 Collection Date:
 9/28/2021

 Lab#:
 AD26292-014
 Receipt Date:
 9/28/2021

Analysia		P-		110:40	c.		Decul	
Analyte		DF		Units	RL		Result	
%Solids		1		percent			85	
Gasoline range organics 8015D(C6-C10)								
Analyte		DF		Units	RL		Result	
Gasoline Range Organics		98.6		mg/kg	29		ND	
Surrogate	Conc.		Spike		Low Limit	High Limit	Recovery	Flags
1,4-Dichlorobenzene-d4	24.72		30		50	150	82	
gnitability (EPA 1030)								
Analyte		DF		Units	RL		Result	
Burning Rate (mm/sec)		1					NA	
Flame Propagation (POS/NEG)		1					NEG	
Ignitability (POS/NEG)		1					NEG	
Mercury (TCLP) 7470A								
Analyte		DF		Units	RL		Result	
Mercury		1		mg/l	0.00050		ND	
PAH Compounds 8270								
Analyte		DF		Units	RL		Result	
2-Methylnaphthalene		10		mg/kg	0.78		ND	
Acenaphthene		10		mg/kg	0.78		0.89	
Acenaphthylene		10		mg/kg	0.78		ND	
Anthracene		10		mg/kg	0.78		1.9	
Benzo[a]anthracene		10		mg/kg	0.78		6.0	
Benzo[a]pyrene Benzo[b]fluoranthene		10 10		mg/kg mg/kg	0.78 0.78		5.2 7.0	
Benzo[g,h,i]perylene		10		mg/kg	0.78		3.1	
Benzo[k]fluoranthene		10		mg/kg	0.78		2.5	
Chrysene		10		mg/kg	0.78		5.4	
Dibenzo[a,h]anthracene		10		mg/kg	0.78		0.81	
Fluoranthene		10		mg/kg	0.78		12	
Fluorene		10		mg/kg	0.78		ND	
Indeno[1,2,3-cd]pyrene		10		mg/kg	0.78		2.7	
Naphthalene		10		mg/kg	0.23		0.27	
Phenanthrene Pyrene		10		mg/kg	0.78		9.6	
Paint Filter Test 9095B		10		mg/kg	0.78		11	
		DF		Units	RL		Result	
Analyte Paint Filter Test		1		Ullits	KL		NEG	
PCB 8082		'					NEG	
Analyte		DF		Units	RL		Result	
Aroclor (Total) Aroclor-1016		1 1		mg/kg mg/kg	0.029 0.029		1.5 ND	
Aroclor-1016 Aroclor-1221		1		mg/kg	0.029		ND	
Aroclor-1232		1		mg/kg	0.029		ND	
Aroclor-1242		1		mg/kg	0.029		ND	
Aroclor-1248		1		mg/kg	0.029		ND	
Aroclor-1254		1		mg/kg	0.029		1.5	
Aroclor-1260		1		mg/kg	0.029		ND	
Aroclor-1262		1		mg/kg	0.029		ND	
Aroclor-1268 Surrogate	Conc.	1	Spike	mg/kg	0.029 Low Limit	High Limit	ND Recovery	Flags
TCMX-Surrogate	136.63		100		37	141	137	ı ıays
TCMX-Surrogate TCMX-Surrogate	119.65		100		37	141	120	
DCB-Surrogate	70.15		100		34	146	70	
DCB-Surrogate	69.67		100		34	146	70	
oH 9040C/9045D								
Analyte		DF		Units	RL		Result	
рН	-	1		ph	-	-	10	

 Sample ID:
 SB-07 COMP
 Collection Date:
 9/28/2021

 Lab#:
 AD26292-014
 Receipt Date:
 9/28/2021

 Matrix:
 Soil

Temperature	1	С		22.8
active Cyanide				
Analyte	DF	Units	RL	Result
Cyanide (Reactive)	1	mg/kg	0.50	ND
active Sulfide				
Analyte	DF	Units	RL	Result
Sulfide (Reactive)	1	mg/kg	100	ND
LP Metals 6010D				
Analyte	DF	Units	RL	Result
Arsenic	2	mg/l	0.20	ND
Barium	1	mg/l	0.25	0.93
Cadmium	1	mg/l	0.050	ND
Chromium	2	mg/l	0.20	ND
Lead	2	mg/l	0.10	1.7
Nickel	1	mg/l	0.10	ND
Selenium	2	mg/l	0.20	ND
Silver	2	mg/l	0.10	ND

Total PetroleumHydrocarbons8015D(C8-C40)

Analyte		DF Units		RL	Result		
Total Petroleum Hydrocarbons		1	mg/kg	71		1400	
Surrogate	Conc.	Spike		Low Limit	High Limit	Recovery	Flags
O-Terphenyl	15.15	20		30	146	76	
Chlorobenzene	9.50	20		20	117	48	

NOTE: Soil Results are reported to Dry Weight Project #: 1092905 Page 22 of 22

1c) Send Invoice to: Additional Notes Follow TAT's per analysis 1d) Send Report to: 11) Sampler (print name): 10) Relinquished by: "I D) Email/Cell/Fax/Ph 4326262 1a) Customer Lab Sample # FOR LAB Harry ONLY Batch # Address: USE 002 001 50 Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054 Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458 175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004 Hampton-Clarke, Inc. (WBE/DBE/SBE) Ph (Service Center): 856-780-6057 Fax: 856-780-6056 58 03 58 03 3805 SBOS 5803 5804 OT - Other (please specify under item 9, Comments) ww - Waste Water GW - Ground Water DW - Drinking Water SBOS ナロのS 580 4) Customer Sample ID 5801 Customer Information Marten St. Harry NELAC/NJ #07071 | PA #68-00463 | NY #11408 | CT #PH-0671 | KY #90124 | DE HSCA Approved Jon ginz @ wisp. com Jon gunz WWSp. Com Matrix Codes SL - Sludge S - Soil ===> Check If Contingent ===> 5000 August Matrix 5 T T Date 6) Sample Accepted by: 0800 24.80 5480 020 Time 50 132 2C) Project Location (City/State): 2d) Quote/PO # (If Applicable): 2a) Project: 2b) Project Mgr. Composite (C) Sample Type Grab (G) A Women-Owned, Disadvantaged, Small Business Enterprise VO-NY X Sils 7) Analysis (specify methods & parameter lists) g/86/p 9 n **Project Information** 837C Date X **CHAIN OF CUSTODY** 31+02661,091 X Brockly, 17-39 meet current groundwater standards (SPLP) for soil): Time G11/2 TCLP (RURA) RURA (QUEB) PONT RECORD Metals 3) (BM/GOIB) Charter 1904/0320004 Pite Test Indicate if low-level methods required to Internal use: sampling plan (check box) HC [] or client [] Check if applicable: NJ LSRP Project (also check boxes above/right) Project-Specific Reporting Limits 1,4 Dioxane SPLP (BN, BNA, Metals) BN or BNA (8270E SIM) VOC (8260D SIM or 8011) High Contaminant Concentrations Please note NUMBERED items. If not completed your analytical work may be delayed. A fee of \$5/sample will be assessed for storage should sample not be activated for any analysis. 8 Business Days (Stand. 5 Business Days (25%) 4 Business Days (35%) 3 Business Days (50%) 2 Business Days (75%) 1 Business Day (100%) * Comments, Notes, Special Requirements, HAZARDS 109290 > When Available Turnaround * Expedited TAT Not Always Available. Please Check with Lab None <=== Check If Contingent <=== 3) Reporting Requirements (Please Circle) MeOH En Core # of Bottles AN[] rN[] NY ASP CatA NaOH <u>∞</u> Reduced: Results + QC (Waste) Summary NJ Full / NY ASP CatB []PA []Other_ For NJ LSRP projects, indicate which нсі standards need to be met: Report Type NJDEP SRS NJDEP GWQS Other (specify): NJDEP SPLP H2SO4 FSP# HNO3 Page Other: Other: EnviroData Excel Reg. NJ / NY / PA NJ Hazsite **Electronic Data Deliv** Region 2 or 5 [] NYDEC [] 4-File [] EZ 9) Comments Cooler Temperature 2

Additional Notes 1C) Send Invoice to: 1b) Email/Cell/Fax/Ph 11) Sampler (print name): Harry 10) Relinquished by: 1d) Send Report to: 1a)Customer: Lab Sample # FOR LAB Harry August ONLY Batch # Address: 200 Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054 Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458 175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004 Hampton-Clarke, Inc. (WBE/DBE/SBE) Ph (Service Center): 856-780-6057 Fax: 856-780-6056 SB 07 85 30 85 90 85 OT - Other (please specify under item 9, Comments) GW - Ground Water DW - Drinking Water Follow TAT's per analysis 4) Customer Sample ID Mostan Sit **Customer Information** 01 BURGER NELAC/NJ #07071 | PA #68-00463 | NY #11408 | CT #PH-0671 | KY #90124 | DE HSCA Approved Tun-yanza wip, com Jag - gase Wws p. Com SL - Sludge Matrix Codes S-Soil OL - Oil ===> Check If Contingent ===> 60 P August Matrix 5 1686/1 Date 6) Sample Accepted by: 1000 135 000 Time X 2d) Quote/PO # (If Applicable): **2C)** Project Location (City/State): 2b) Project Mgr. 2a) Project: Composite (C) Sample Туре A Women-Owned, Disadvantaged, Small Business Enterprise Grab (G) Soil 7) Analysis (specify methods & parameter lists) 4/28/2 Project Information 1/28/2 Date Jen **CHAIN OF CUSTODY** 160 - 1 398,0418 PCB: (SIBIA/GOR) TELP METRICS CRCRAS, BII/GG(R) RCRAS Character GOLDBUCH PERMON POUNT FITE TEST 90958 BOOK LYA (十: 3d meet current groundwater standards (SPLP) for soil): Time RECORD Indicate if low-level methods required to Internal use: sampling plan (check box) HC [] or client [] Check if applicable: Project-Specific Reporting Limits SPLP (BN, BNA, Metals) BN or BNA (8270E SIM) NJ LSRP Project (also check boxes above/right) **High Contaminant Concentrations** 1,4 Dioxane VOC (8260D SIM or 8011) Please note NUMBERED items. If not completed your analytical work may be delayed A fee of \$5/sample will be assessed for storage should sample not be activated for any analysis Other: 8 Business Days (Stand.) 3 Business Days (50%) 1 Business Day (100%) * 4 Business Days (35%) * 2 Business Days (75%) 5 Business Days (25%) Comments, Notes, Special Requirements, HAZARDS Project# (Lab Use Only) 109290When Available: Turnaround None <=== Check If Contingent <=== * Expedited TAT Not Always Available. Please Check with Lab 3) Reporting Requirements (Please Circle) MeOH En Core # of Bottles NY ASP CatA AN[] [N[] Summary NaOH Reduced: Results + QC (Waste) NJ Full / NY ASP CatB []PA []Other_ Report Type standards need to be met: For NJ LSRP projects, indicate which Other (specify): NJDEP SPLP NJDEP SRS NJDEP GWQS H2SO4 HNO3 Page of Other NJ Hazsite EnviroData Excel Reg. NJ / NY / PA Electronic Data Deliv. [] Region 2 or 5 [] 4-File [] EZ [] NYDEC Cooler Temperature 9) Comments W

Hampton-Clarke Report Of Analysis

Client: WSP USA, Inc. HC Project #: 1092823

Project: 72nd Street

DCB-Surrogate

Sample ID: TWP01 Collection Date: 9/28/2021 Lab#: AD26286-001 Receipt Date: 9/28/2021 Matrix: Aqueous Carbonaceous BOD-5 Day (SM5210 B-11) DF RL **Analyte Units** Result Carbonaceous Bod, 5 Day 1 mg/l 2.0 ND Chloride (Water) 300.0 DF Units RL Result **Analyte** Chloride 2 4.0 54 mg/l Cr (Hexavalent) 3500-Cr B11 DF RL **Analyte** Units Result ND Cr (Hexavalent) 1 mg/l 0.020 Flash Point 1010A DF RL Units Analyte Result Flash Point 1 >141 deg. f Mercury (Water) 245.1 DF RL Analyte Units Result Mercury 1 ug/l 0.20 0.41 Metals-Three 200.7 Analyte DF Units RL Result Copper 1 25 100 ug/l Nickel ug/l 10 Zinc 1 ug/l 25 180 Metals-Two 200.8 Units DF RL Result Analyte Cadmium ug/l 1.0 ND Lead 1 ug/l 0.75 250 Nitrate-N (Water) 300.0 DF Units RL Result **Analyte** ND Nitrate 1 mg/l 1.0 Nitrite-N (Aqueous) 300.0 **Analyte** DF Units RL Result Nitrite 1 1.0 ND mg/l PCB 608.3 Analyte DF Units RL Result Aroclor (Total) ug/l 0.0500 ND Aroclor-1016 ug/l 0.0500 ND ND Aroclor-1221 1 ug/l 0.0500 Aroclor-1232 0.0500 ND ug/l Aroclor-1242 0.0500 ND ug/l Aroclor-1248 ug/l 0.0500 ND Aroclor-1254 0.0500 ND ug/l Aroclor-1260 ug/l 0.0500 ND Aroclor-1262 1 ug/l 0.0500 ND ND Aroclor-1268 0.0500 ug/l Surrogate Conc. Spike **Low Limit High Limit** Recovery **Flags** TCMX-Surrogate 42.80 39 132 TCMX-Surrogate 33.03 100 39 132 33 S6 DCB-Surrogate 53.37 100 39 142 53

NOTE: Soil Results are reported to Dry Weight Project #: 1092823 Page 1 of 2

100

142

39

47

46.71

 Sample ID: TWP01
 Collection Date: 9/28/2021

 Lab#: AD26286-001
 Receipt Date: 9/28/2021

Matrix: Aqueous

Analyte		DF		Units	RL		Result	
		1		ph			8.2	
pH Temperature		1		C			21.4	
mivolatile Organics (no search) 625.1								
Analyte		DF		Units	RL		Result	
1,2,4-Trichlorobenzene		1		ug/l	2.00		ND	
Naphthalene		1		ug/l	0.500		ND	
Phenol		1		ug/l	2.00		ND	
Surrogate	Conc.	s	Spike		Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	63.30		50		55	146	127	
Phenol-d5	41.61		100		27	115	42	
Nitrobenzene-d5	53.83		50		51	139	108	
2-Fluorophenol	63.26		100		29	113	63	
2-Fluorobiphenyl	54.60		50		53	129	109	
2,4,6-Tribromophenol	110.94		100		54	149	111	
GT-HEM (Non-Polar Material) 1664B								
Analyte		DF		Units	RL		Result	
SGT-HEM (Non-Polar Material)		1		mg/l	6.1		ND	
otal Solids (SM2540B-11)								
Analyte		DF		Units	RL		Result	
Total Solids @ 103-105 C		1		mg/l	40		510	
otal Suspended Solids (SM2540D-11)								
Analyte		DF		Units	RL		Result	
Total Suspended Solids @ 103-105 C		1		mg/l	6.7		56	
latile Organics (no search) 624.1								
Analyte		DF		Units	RL		Result	
1,1,1-Trichloroethane		1		ug/l	1.00		ND	
1,4-Dichlorobenzene		1		ug/l	1.00		ND	
Benzene		1		ug/l	0.500		ND	
Carbon tetrachloride		1		ug/l	1.00		ND	
Chloroform		1		ug/l	1.96		ND	
Ethylbenzene		1		ug/l	1.00		ND	
m&p-Xylenes		1		ug/l	1.00		ND	
Methyl-t-butyl ether		1		ug/l	0.500		ND	
o-Xylene		1		ug/l	1.00		ND	
Tetrachloroethene		1		ug/l	1.00		ND	
Toluene		1		ug/l	1.00		ND	
Xylenes (Total)		1		ug/l	1.00		ND	
Surrogate	Conc.	S	Spike		Low Limit	High Limit	Recovery	Flags
Toluene-d8	30.17		30		79	111	101	
Dibromofluoromethane	28.82		30		73	131	96	
Bromofluorobenzene	29.65		30		82	112	99	
1,2-Dichloroethane-d4	29.48		30		78	128	98	

Additional Notes Follow TAT's per analysis 11) Sampler (print name): Hang August 1c) Send Invoice to: A326286 1d) Send Report to: î D) Email/Cell/Fax/Ph: 1a) Customer: 10) Relinquished by: Lab Sample# FOR LAB Mary ONLY Batch # USE Address 001 Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054 Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458 175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004 Hampton-Clarke, Inc. (WBE/DBE/SBE) Ph (Service Center): 856-780-6057 Fax: 856-780-6056 My My 10014 HUAUST OT - Other (please specify under item 9, Comments) WW - Waste Water GW - Ground Water DW - Drinking Water 4) Customer Sample ID Customer Information NELAC/NJ #07071 | PA #68-00463 | NY #11408 | CT #PH-0671 | KY #90124 | DE HSCA Approved Jon. Gan Zawsp. Com <u>연</u>-일 SL - Sludge Matrix Codes S - Soil ===> Check If Contingent ===> Matrix GW WWW IHS 7 Date 6) Sample Accepted by: Time 2d) Quote/PO # (If Applicable): 20) Project Location (City/State): 2b) Project Mgr. 2a) Project: Composite (C) Sample W8E/D8E/SBE 800-426-9992 A Women-Owned, Disadvantaged, Small Business Enterprise X Efflet Perameter Date: 7/28/21 7) Analysis (specify methods & parameter lists) Project Information 13 13 Date **CHAIN OF CUSTODY** 31403661.091 Brookly a. MY Time RECORD meet current groundwater standards (SPLP Comments, Notes, Special Requirements, HAZARDS Indicate if low-level methods required to Check if applicable: Internal use: sampling plan (check box) HC[] or client[] SPLP (BN, BNA, Metals) NJ LSRP Project (also check boxes above/right) High Contaminant Concentrations Project-Specific Reporting Limits 1,4 Dioxane VOC (8260D SIM or 8011) **BN or BNA (8270E SIM)** Please note NUMBERED items. If not completed your analytical work may be delayed A fee of \$5/sample will be assessed for storage should sample not be activated for any analysis. 8 Business Days (Stand.) 3 Business Days (50%) * 2 Business Days (75%) ' 1 Business Day (100%) * 5 Business Days (25%) 4 Business Days (35%) When Available: Turnaround Project# (Lab Use Only) None <=== Check If Contingent <=== * Expedited TAT Not Always Available. Please Check with Lab 3) Reporting Requirements (Please Circle) MeOH En Core # of Bottles NY ASP CatA AN[] rN[] Summary NaOH 8 Reduced: Results + QC (Waste) NJ Full / NY ASP CatB []PA []Other_ standards need to be met For NJ LSRP projects, indicate which Report Type NJDEP GWQS Other (specify): NJDEP SPLP NJDEP SRS H2SO4 HNO3 Other NJ Hazsite EnviroData Excel Reg. NJ / NY / PA Electronic Data Deliv. [] Region 2 or 5 [] NYDEC [] 4-File [] EZ Cooler Temperature 9) Comments ا چ

Sample Summary

Hampton Clarke-Veritech

Job No: JD32535

Project # 1092823 Project No: Project#1092823 COCID#7438

Sample Collected		l		Matrix	Client
Number	Date	Time By	Received	Code Type	Sample ID
JD32535-1	09/28/21	14:15	09/30/21	AQ Water	AD26286-001 TWP01

Draft: 1 of 4

Report of Analysis

Page 1 of 1

Client Sample ID: AD26286-001 TWP01

Lab Sample ID: JD32535-1 Date Sampled: 09/28/21 Matrix: AQ - Water Date Received: 09/30/21 Percent Solids: n/a

Project: Project # 1092823

General Chemistry

Analyte Result RL Units DF Analyzed By Method

Nitrogen, Total Kjeldahl 1.6 0.20 mg/l 1 10/07/21 18:10 EB EPA 351.2/LACHAT

Draft: 2 of 4

CHAIN OF CUSTODY RECORD

Hampton-Clarke, Inc 175 US Hwy 46 West Fairfield, New Jersey, 07004 Ph:800-426-9992 Fax:973-439-1458

Project #:

1092823

JD32535=

Report To:

Invoice To:

Hampton-Clarke, Inc.:

Attn:Reporting

Hampton-Clarke, Inc.:

Attn:Accounting 175 Route 46 West

175 Route 46 West Fairfield, New Jersey 07004

Fairfield, New Jersey 07004

PRELIM/VERBAL RESULTS TO: subresults@hcvlab.com

FINAL RESULTS TO: subresults@hcvlab.com

EDD: NEW JERSEY HAZRESULT OR EQUIS EZEDD REQUIRED FOR ALL DATA SUBMITTALS!

Preliminary Due Date: 10/14/2021

CocID#:

Report Type: NYDOH-CatA (STAND

Turn Around Time: Standard

Hard Copy Due Date: 10/21/2021

Sample

Number: Client ID AD26286-001 TWP01

Date Time

2:15:00 PM TKN Method:EPA 351 Aqueous 9/28/2021

Cooler Temp:

Relinquished By:

Accepted By:

Date:

Time:

Comments, Notes, Special Requirements, HAZARDS

Ind. a Assessment MK-

Label Verification_

HC Lab Use Only:

Subcontracted Lab Id and Contact: ACCUTEST SGS, Sample Receiving, (732) 329-0200, LabID: H, Fresh Ponds Corporate Village, Bldg. B, 2235 Route 130, Dayt

JD32535: Chain of Custody

Page 1 of 2

SGS Sample Receipt Summary

Job Number: JD3253	35 Client:	Project:							
Date / Time Received: 9/30/20	021 11:30:00 AM Delivery	Method:	Airbill #'s:						
Cooler Temps (Raw Measured) °C: Cooler 1: (1.1); Cooler Temps (Corrected) °C: Cooler 1: (1.1);									
Cooler Security 1. Custody Seals Present: 2. Custody Seals Intact: Cooler Temperature 1. Temp criteria achieved:	or N	1. Sa 2. Cd 3. Sa	ple Integrity - Documentation ample labels present on bottles: ontainer labeling complete: ample container label / COC agree: apple Integrity - Condition	Y or N ✓ □ ✓ □ ✓ □ ✓ □ ✓ □ ✓ □					
2. Cooler temp verification: 3. Cooler media: 4. No. Coolers: Quality Control Preservation	lce (Bag) 1 Y or N N/A	1. Sa 2. Al	ample recvd within HT: I containers accounted for: ondition of sample:	✓ □ ✓ Intact					
1. Trip Blank present / cooler: 2. Trip Blank listed on COC: 3. Samples preserved properly: 4. VOCs headspace free:		1. A 2. B 3. S 4. C	nple Integrity - Instructions nalysis requested is clear: ottles received for unspecified tests ufficient volume recvd for analysis: compositing instructions clear: iltering instructions clear:	Y or N N/A					
Test Strip Lot #s: pH 1-12:231619 pH 12+:203117A Other: (Specify)									
Comments									

SM089-03 Rev. Date 12/7/17

JD32535: Chain of Custody

Page 2 of 2