SUBSURFACE INVESTIGATION REPORT

250 MAMARONECK AVENUE WHITE PLAINS, NEW YORK

NYSDEC SPILL No.:1709377

PREPARED FOR:

YMCA OF CENTRAL AND NORTHERN WESTCHESTER C/O MR. THOMAS L. HAY – DIRECTOR OF OPERATIONS 250 MAMARONECK AVENUE WHITE PLAINS, NEW YORK 10605

PREPARED BY:

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INTRODUCTION

HydroEnvironmental Solutions, Inc. (HES), on behalf of the YMCA of Central and Northern Westchester, the current owner of the property, has completed a Subsurface Investigation (SI) at the property located at 250 Mamaroneck Avenue in White Plains, New York. The SI included the installation of twelve (12) soil borings and three (3) temporary monitoring wells throughout the property. The SI field work was completed on March 19 and March 20 of 2018. The site location is shown on **Figure 1**,

The site activities completed by HES included test boring installation, temporary monitoring well installation, field screening soil samples for the presence of petroleum vapors with a photoionization detector (PID), and collection of representative soil and groundwater samples for laboratory analysis. The field activities and results are presented below.

SITE BACKGROUND

In early 2018 members and employees of the YMCA, as well as tenants in the upstairs apartments, began to notice petroleum odors in the southwest stairwell of the building. Mr. Thomas Hay, Director of Operations for the YMCA, noted that the petroleum odors were strongest at the bottom of the southwest stairwell, specifically in a small storage room accessible through a small door on the bottom floor of the building. During renovation activity in the building, a section of the pool floor was removed, and petroleum odors were noted in this area as well as a slight sheen on the groundwater that collected in the excavation. As a result of these observations, the New York State Department of Environmental Conservation (NYSDEC) Spill No. 1709377 was opened and attached to the site on January 12, 2018.

A search of the NYSDEC Spills Database produced a record of multiple historic spills on the property from 1980 – 2015, all of which have been closed. These historic spills of #2 fuel oil ranged in quantity from 'unknown' to an estimated 100-gallon spill in November of 2006. Documentation provided by Mr. Hay includes a certificate of compliance from the City of White Plains Building Department for the successful removal of a 12,000-gallon underground storage tank (UST) located beneath the front parking lot and conversion of the building's heating system to natural gas. Two spills, Spill No. 1410006 and Spill No. 1505596, were associated with this UST. Activities to remediate these spills are outlined in a November 2015 Tank Closure Report written by Northeast Environmental, and both spills were subsequently closed by the NYSDEC Region 3 office. Copies of all prior environmental documentation provided to HES are attached in **Appendix 1**.

HYDROGEOLOGIC SETTING

The subject site consists of an eastward sloping parcel of land. The area to the west of the site slopes steeply upward away from the property, and the area to the east slopes slightly away from the property. The groundwater flow direction was not determined as part of this SI, although groundwater flow likely mimics topography and flows to the east.

The unconsolidated material beneath the site is composed of sand and gravel, with varying amounts of silt and clay. Bedrock was not encountered during the activities outlined in this SI. According to the Surficial Geologic Map of New York, the native material beneath the site consists of a glacial till, variable in texture, usually poorly sorted diamict of variable clasts (Cadwell, 1986). According to the Geologic Map of New York, the site sits above alternating folds of bedrock types including Fordham Gneiss (Pre-Cambrian - Middle Proterozoic), Inwood Marble (Early Cambrian – Lower Ordovician), and the Manhattan Formation (Middle Ordovician), Yonkers Gneiss (Middle Proterozoic), (Fisher, 1970).

FIELD ACTIVITIES

HES completed the following work to further assess the source of the observed petroleum odors and the extent of possible soil and groundwater impacts at the property:

Test Boring Installation and Soil Sampling

On March 19 and March 20, 2018, HES installed twelve (12) test borings across the site. The test borings designated GB-1 through GB-3 were installed using a Geoprobe[®] 54DT and the direct push drilling method on the exterior of the building. The test borings designated GB-4 through GB-12 were installed using a hammer drill with a rock coring bit and manual Geoprobe[®] equipment. The approximate test boring and soil sampling locations are identified on **Figure 2** and their respective Geologic Logs are included in **Appendix 2**.

During the installation of GB-1 through GB-3, soil samples were collected continuously in 4-foot increments at each test boring location using a 2.25-inch macro-core sampler. During the installation of GB-4 through GB-12, soil samples were collected continuously in 2-foot increments at each test boring location using a 1.25-inch macro-core sampler. All samples were logged in the field by the on-site hydrogeologist. At each boring location, the HES hydrogeologist recorded and documented subsurface conditions. Volatile organic vapor analysis was performed on soil samples collected in the field using a

calibrated MiniRAE® 3000 PID and the headspace method. The results of soil field screening are summarized on the Geologic Logs in **Appendix 2**. The test borings ranged in depth from 0.7 ftbg (GB-7) to 16 ftbg (GB-2).

Soil samples were collected from GB-1, GB-4, and GB-12, placed in appropriately labeled sample jars and transported on ice to York Analytical Laboratories, Inc. (York); a New York State Certified Laboratory located in Stratford Connecticut, where they were analyzed for the presence of volatile organic compounds (VOCs) via EPA Method 8021 including Methyl tert-butyl ether (MTBE) and semi-volatile organic compounds (SVOCs) via EPA Method 8270 in accordance with NYSDEC guidelines. The test boring locations are shown on **Figure 2**, a generalized site plan, and photographs taken during test boring installation activities are included on **Figure 3**. Soil sampling laboratory analytical report is included in **Appendix 3**.

Groundwater Sampling

Temporary groundwater monitoring wells were installed in the boreholes of GB-1, GB-4, and GB-5. The wells were constructed of 1-inch schedule 40 PVC with 20-slot well screen and solid casing, if needed. The wells were allowed time to equilibrate prior to purging and sampling activities.

On March 20, 2018, groundwater samples were collected from the temporary monitoring wells. Groundwater was evacuated using dedicated polyethylene bailers. The groundwater samples, designated GB-1-TW, GB-4-TW, and GW-5-TW, were collected in appropriately labeled glassware in accordance with industry accepted protocols. The samples were transported on ice to York and were analyzed for VOCs via EPA method 8021 including MTBE and SVOCs via EPA method 8270 in accordance with NYSDEC guidelines. The groundwater sampling laboratory analytical results from the test borings are summarized on **Table 2** and the laboratory analytical report is included in **Appendix 3**.

RESULTS

Test Boring Installation and Soil Sampling

Groundwater was observed at all exterior boring locations (GB-1 through GB-3) at approximately 11 - 12 ftbg. Groundwater was observed at all interior boring locations (GB-4 through GB-12) at approximately 0.7 - 1.0 ftbs (feet below slab).

No VOC vapors were detected in the exterior borings (GB-1 through GB-3) during PID field screening activities. Significant VOC vapors were detected at the majority of the interior boring locations (GB-4 through GB-12). The highest PID readings at each interior test boring ranged from 1.9 ppm to 220.7 parts per million (ppm). The results of PID field screening are summarized on the Geologic Logs included in **Appendix 2**, and the highest PID reading from each borehole is shown on **Figure 2**.

Soil laboratory analytical results indicate that concentrations of VOCs and SVOCs were detected above laboratory method detection limits (MDLs) in the soil samples designated GB-4 (1 ftbg) and GB-12 (0.5-1 ftbg). No concentrations of VOCs or SVOCs were detected above laboratory MDLs in the soil sample designated GB-1 (11-12 ftbg). No concentrations of VOCs or SVOCs were detected above NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs); in accordance with Subpart 375-6: Remedial Program Soil Cleanup Objectives in any of the three soil samples.

The laboratory analytical results are summarized on **Table 1** and the analytical report is included in **Appendix 3**. The results for BTEX compounds (benzene, toluene, ethylbenzene, and xylenes) detected during soil sampling are summarized on **Figure 4**.

Groundwater Sampling

Groundwater laboratory analytical results indicate the following: concentrations of multiple SVOCs were detected above laboratory MDLs in the sample collected from GB-1, concentrations of multiple VOCs and SVOCs were detected above laboratory MDLs in the sample collected from GB-4, and multiple VOCs were detected above laboratory MDLs in the sample collected from GB-5.

Groundwater collected from the temporary monitoring wells at the GB-1 and GB-5 locations did not contain any VOCs or SVOCs that exceeded their respective NYSDEC Ambient Water Quality Standards (AWQS) in accordance with the Technical and Operational Guidance Series (TOGS) 1.1.1. Groundwater collected from the temporary monitoring well at GB-4 contained one SVOC constituent, chrysene, above its respective NYSDEC-AWQS. SVOCs were detected above AWQS in the groundwater sample collected from GB-5-TW (Table 2)

The groundwater laboratory analytical results are summarized on **Table 2** and the laboratory analytical report is included in **Appendix 3**. The results for BTEX compound concentrations (benzene, toluene, ethylbenzene, and xylenes) detected during groundwater sampling are summarized on **Figure 5**.

DISCUSSION OF RESULTS

Concentrations of fluorene, phenanthrene, and pyrene were detected in the soil sample designated GB-4 (1 ftbg). Concentrations of naphthalene, acenaphthene, anthracene, fluorene, naphthalene, phenanthrene, and pyrene were detected in the soil sample designated GB-12 (0.5 - 1 ftbg **or** ftbs). No VOCs or SVOCs were detected above their NYSDEC-UUSCOs in any of the soil samples collected for laboratory analysis.

Concentrations of acenaphthene, acenaphthylene, anthracene, fluorene, naphthalene, phenanthrene, and pyrene were detected in the groundwater sample designated GB-1-TW. Concentrations of naphthalene, n-butylbenzene, p-isopropyltoluene, sec-butylbenzene, acenaphthene, acenaphthylene, anthracene, chrysene, fluoranthene, fluorene, naphthalene, phenanthrene, and pyrene were detected in the groundwater sample designated GB-4-TW, with only chrysene (0.267 micrograms per liter [ug/L]) exceeding its NYSDEC-AWQS. Concentrations of p-isopropyltoluene, sec-butylbenzene, and tert-butylbenzene were detected in the groundwater sample designated GB-5-TW. None of the detected constituents in the samples designated GB-1-TW and GB-5-TW exceeded their respective NYSDEC-AWQS.

CONCLUSIONS

- Soil screening and laboratory analyses of soil and groundwater completed during drilling activities at the subject site indicate that minor impacts to the soil and groundwater exist at the subject site. The lack of impacts detected in the exterior borings is an indication that contamination exists under the building slab and is likely a result of residual contamination from historic spills at the subject site.
- Despite elevated PID readings in many of the borings, no constituents were detected above NYSDEC-UUSCOs in any of the three soil samples collected for laboratory analysis, and only a single constituent exceeded NYSDEC-AWQS in the three groundwater samples collected for laboratory analysis.
- A strong petroleum odor was noted in the southwest stairwell of the building, and a moderate odor was noted in the pool room where a section of the floor has been removed during all field activities.
- Residual fuel oil contamination from one or more historic fuel oil spills at the site has likely spread under the building slab over time, possibly through drainage systems or other subsurface preferential pathways, causing vapors to emanate into the southwest stairwell of the building from beneath the basement floor. The regular

pumping of groundwater from the sump pit in the southern end of the basement could be a contributing factor to the movement of shallow groundwater and any existing contamination through the unconsolidated gravel and sand that occupies the space immediately below the building slab. The presence of emulsified freephase fuel oil observed on the sump pit in the south end utility area of the building is an indication that product on top of the water table is likely contributing to the observed vapors in the stairwell and pool areas.

RECOMMENDATIONS

Based on the findings of the above outlined SI, HES recommends the following:

- Due to the nuisance petroleum odors noted in the southwest stairwell and the detection of low level fuel oil constituents in the soil and groundwater underneath the building slab, active remedial measures will need to take place to ensure the protection of human health and the environment in the area. The NYSDEC open Spill Number attached to the site, reported on January 12, 2018, will remain open until the site cleanup is complete to the satisfaction of the NYSDEC.
- Following correspondence with Mr. Tom Hay, Director of Operations, and the NYSDEC Spill Case Manager, a Remedial Action Work Plan (RAWP) was prepared and is attached to the end of this SI Report in **Appendix 4**. The proposed RAWP will address the intermittent vapor entry problem at the subject property and will remove residual free-phase product from beneath the slab, ultimately eliminating fuel oil vapors from the building. HES will not implement the proposed RAWP without prior approval of the property owner and the Region 3 Office of the NYSDEC.

TABLES

TABLE 1

250 Mamaroneck Avenue White Plains, New York NYSDEC Spill No. 1709377

Summary of Soil Analytical Results - Subsurface Investigation

Sample ID		GB-1 (11-12	ftbg)	GB-4 (1 ft)	ງອໄ	GB-12 (0.5-1	ftbg)
York ID	NYSDEC Part 375	18C0829-	0,	18C0829-	•••	18C0829-	0,
Sampling Date	Unrestricted Use Soil 3/19/2018		-	3/19/2018		3/20/2018	
Client Matrix	Cleanup Objectives	Soil		Soil		Soil	
Compound	cicanup objectives	Result	Q	Result	Q	Result	Q
Volatile Organics, CP-51 (formerly STARS) List	mg/Kg	mg/Kg	~	mg/Kg	~	mg/Kg	~
Dilution Factor		1		1		1	
1,2,4-Trimethylbenzene	3.6	0.00180	U	0.00220	U	0.00190	U
1,3,5-Trimethylbenzene	8.4	0.00180	U	0.00220	U	0.00190	U
Benzene	0.06	0.00180	U	0.00220	U	0.00190	U
Ethyl Benzene	1	0.00180	U	0.00220	U	0.00190	U
Isopropylbenzene	~	0.00180	U	0.00220	U	0.00190	U
Methyl tert-butyl ether (MTBE)	0.93	0.00180	U	0.00220	U	0.00190	U
Naphthalene	12	0.00180	U	0.00220	U	0.0150	
n-Butylbenzene	12	0.00180	U	0.00220	U	0.00190	U
n-Propylbenzene	3.9	0.00180	U	0.00220	U	0.00190	U
o-Xylene	~	0.00180	U	0.00220	U	0.00190	U
p- & m- Xylenes	~	0.00350	U	0.00440	U	0.00380	U
p-lsopropyltoluene	~	0.00180	U	0.00220	U	0.00190	U
sec-Butylbenzene	11	0.00180	U	0.00220	U	0.00190	U
tert-Butylbenzene	5.9	0.00180	U	0.00220	U	0.00190	U
Toluene	0.7	0.00180	U	0.00220	U	0.00190	U
Xylenes, Total	0.26	0.00530	U	0.00660	U	0.00570	U
Semi-Volatiles, CP-51 (formerly STARS) List	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		2		2		2	
Acenaphthene	20	0.0450	U	0.0460	U	0.230	D
Acenaphthylene	100	0.0450	U	0.0460	U	0.0460	U
Anthracene	100	0.0450	U	0.0460	U	0.130	D
Benzo(a)anthracene	1	0.0450	U	0.0460	U	0.0460	U
Benzo(a)pyrene	1	0.0450	U	0.0460	U	0.0460	U
Benzo(b)fluoranthene	1	0.0450	U	0.0460	U	0.0460	U
Benzo(g,h,i)perylene	100	0.0450	U	0.0460	U	0.0460	U
Benzo(k)fluoranthene	0.8	0.0450	U	0.0460	U	0.0460	U
Chrysene	1	0.0450	U	0.0460	U	0.0460	U
Dibenzo(a,h)anthracene	0.33	0.0450	U	0.0460	U	0.0460	U
Fluoranthene	100	0.0450	U	0.0460	U	0.0460	U
Fluorene	30	0.0450	U	0.0580	JD	0.340	D
Indeno(1,2,3-cd)pyrene	0.5	0.0450	U	0.0460	U	0.0460	U
Naphthalene	12	0.0450	U	0.0460	U	0.130	D
Phenanthrene	100	0.0450	U	0.0700	JD	0.460	D
Pyrene	100	0.0450	U	0.0720	JD	0.270	D
Total Solids		%		%		%	
Dilution Factor		1		1		1	
% Solids	~	92.300		90.300		90.500	

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

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

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations

that exceed method dictated limits between the two GC columns used for analysis

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

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

Table 2

250 Mamaroneck Avenue White Plains, New York NYSDEC Spill No. 1709377

Summary of Groundwater Analytical Results - Subsurface Investigation

	-					
	e 3/20/2018		3/20/2018			
Values - GA	Water					-
	Result	Q		Q		Q
ug/L	ug/L		ug/L		ug/L	
	1		1		1	
5	0.200	U	0.200	U	0.200	U
5	0.200	U	0.200	U	0.200	U
1	0.200	U	0.200	U	0.200	U
5	0.200	U	0.200	U	0.200	U
5	0.200	D	0.200	U	0.200	U
10	0.200	5	0.200	U	0.200	U
10	1	5	1.600	J	1	U
5	0.200	U	0.590		0.200	U
5	0.200	U	0.200	U	0.200	U
5	0.200	U	0.200	U	0.200	U
5	0.500	U	0.500	U	0.500	U
5	0.200	U	0.420	J	1.200	
5	0.200	U	0.400	J	3.600	
5	0.200	U	0.200	U	0.220	J
5	0.200	U	0.200	U	0.200	U
5	0.600	U	0.600	U	0.600	U
ug/L	ug/L		ug/L		ug/L	
	1		1		20	
20	0.300		5.560		95.200	U
~	0.0778		2.840		95.200	U
.50	0.156		2.530		95.200	U
0.002	0.0556	U	0.222	U	95.200	U
0.002	0.0556	U	0.222	U	95.200	U
0.002		U		U		U
~		U		U		U
0.002		U		U		U
	Values - GA	Standards and Guidance Values - GA 3/20/2018 ug/L Result ug/L ug/L 1 1 5 0.200 5 0.200 5 0.200 5 0.200 5 0.200 5 0.200 5 0.200 10 0.200 10 1 5 0.200 10 1 5 0.200 5 0.200 5 0.200 5 0.200 5 0.200 5 0.200 5 0.200 5 0.200 5 0.200 5 0.200 5 0.200 5 0.200 5 0.200 5 0.200 5 0.200 5 0.200 5 0.200 5 0.200 <td>NYSDEC TOGS Standards and Guidance Values - GA 18C0829-04 3/20/2018 Water ug/L Result Q ug/L ug/L Q ug/L ug/L Q 1 0.200 U 5 0.200 U 10 0,200 U 10 0,200 U 5 0.200 U<td>NYSDEC TOGS Standards and Guidance Values - GA 18C0829-04 3/20/2018 Water 18C0829-05 3/20/2018 Water ug/L Result Q Result ug/L ug/L ug/L 1 1 1 5 0.200 U 0.200 1 0.200 U 0.200 5 0.200 U 0.200 1 0.200 U 0.200 5 0.200 U 0.200 5 0.200 U 0.200 10 0.200 U 0.200 10 1 U 1.600 5 0.200 U 0.200 10 1 U 1.600 5 0.200 U 0.200 5 0.200 U 0.200 5 0.200 U 0.200 5 0.200 U 0.200 5 0.200 U 0.420 5 0.200 U</td><td>NYSDEC TOGS Standards and Guidance Values - GA 18C0829-04 3/20/2018 Water 18C0829-05 3/20/2018 Water ug/L Q Result Q 1 Q Result Q 1 1 ug/L ug/L Ug/L 5 0.200 U 0.200 U 5 0.200 U 0.200 U 1 0.200 U 0.200 U 1 0.200 U 0.200 U 1 0.200 U 0.200 U 10 0.200 U 0.200 U 10 1 U 1.600 J 5 0.200 U 0.200 U 10 1 U 1.600 J 5 0.200 U 0.200 U 5 0.200 U 0.200 U 5 0.200 U 0.420 J 5 0.200 U 0.200<</td><td>NYSDEC TOGS Standards and Guidance Values - GA 18C0829-04 3/20/2018 18C0829-05 3/20/2018 18C0829-06 3/20/2018 18C0829-06 3/20/2018 values - GA Result Q Result Q Result Vater Vater values - GA wg/L Q Result Q Result Q Result Vater value ug/L 0.200 U 0.200 <</td></td>	NYSDEC TOGS Standards and Guidance Values - GA 18C0829-04 3/20/2018 Water ug/L Result Q ug/L ug/L Q ug/L ug/L Q 1 0.200 U 5 0.200 U 10 0,200 U 10 0,200 U 5 0.200 U <td>NYSDEC TOGS Standards and Guidance Values - GA 18C0829-04 3/20/2018 Water 18C0829-05 3/20/2018 Water ug/L Result Q Result ug/L ug/L ug/L 1 1 1 5 0.200 U 0.200 1 0.200 U 0.200 5 0.200 U 0.200 1 0.200 U 0.200 5 0.200 U 0.200 5 0.200 U 0.200 10 0.200 U 0.200 10 1 U 1.600 5 0.200 U 0.200 10 1 U 1.600 5 0.200 U 0.200 5 0.200 U 0.200 5 0.200 U 0.200 5 0.200 U 0.200 5 0.200 U 0.420 5 0.200 U</td> <td>NYSDEC TOGS Standards and Guidance Values - GA 18C0829-04 3/20/2018 Water 18C0829-05 3/20/2018 Water ug/L Q Result Q 1 Q Result Q 1 1 ug/L ug/L Ug/L 5 0.200 U 0.200 U 5 0.200 U 0.200 U 1 0.200 U 0.200 U 1 0.200 U 0.200 U 1 0.200 U 0.200 U 10 0.200 U 0.200 U 10 1 U 1.600 J 5 0.200 U 0.200 U 10 1 U 1.600 J 5 0.200 U 0.200 U 5 0.200 U 0.200 U 5 0.200 U 0.420 J 5 0.200 U 0.200<</td> <td>NYSDEC TOGS Standards and Guidance Values - GA 18C0829-04 3/20/2018 18C0829-05 3/20/2018 18C0829-06 3/20/2018 18C0829-06 3/20/2018 values - GA Result Q Result Q Result Vater Vater values - GA wg/L Q Result Q Result Q Result Vater value ug/L 0.200 U 0.200 <</td>	NYSDEC TOGS Standards and Guidance Values - GA 18C0829-04 3/20/2018 Water 18C0829-05 3/20/2018 Water ug/L Result Q Result ug/L ug/L ug/L 1 1 1 5 0.200 U 0.200 1 0.200 U 0.200 5 0.200 U 0.200 1 0.200 U 0.200 5 0.200 U 0.200 5 0.200 U 0.200 10 0.200 U 0.200 10 1 U 1.600 5 0.200 U 0.200 10 1 U 1.600 5 0.200 U 0.200 5 0.200 U 0.200 5 0.200 U 0.200 5 0.200 U 0.200 5 0.200 U 0.420 5 0.200 U	NYSDEC TOGS Standards and Guidance Values - GA 18C0829-04 3/20/2018 Water 18C0829-05 3/20/2018 Water ug/L Q Result Q 1 Q Result Q 1 1 ug/L ug/L Ug/L 5 0.200 U 0.200 U 5 0.200 U 0.200 U 1 0.200 U 0.200 U 1 0.200 U 0.200 U 1 0.200 U 0.200 U 10 0.200 U 0.200 U 10 1 U 1.600 J 5 0.200 U 0.200 U 10 1 U 1.600 J 5 0.200 U 0.200 U 5 0.200 U 0.200 U 5 0.200 U 0.420 J 5 0.200 U 0.200<	NYSDEC TOGS Standards and Guidance Values - GA 18C0829-04 3/20/2018 18C0829-05 3/20/2018 18C0829-06 3/20/2018 18C0829-06 3/20/2018 values - GA Result Q Result Q Result Vater Vater values - GA wg/L Q Result Q Result Q Result Vater value ug/L 0.200 U 0.200 <

HydroEnvironmental Solutions, Inc.

Table 2

250 Mamaroneck Avenue White Plains, New York NYSDEC Spill No. 1709377

Summary of Groundwater Analytical Results - Subsurface Investigation

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	GB-1-TW 18C0829-04 3/20/2018 Water		GB-4-TW 18C0829-05 3/20/2018 Water		GB-5-TW 18C0829-06 3/20/2018 Water	
Compound		Result	Q	Result	Q	Result	Q
Chrysene	0.002	0.0556	U	0.267		95.200	U
Dibenzo(a,h)anthracene	~	0.0556	U	0.222	U	95.200	U
Fluoranthene	50	0.0556	Þ	0.978		95.200	U
Fluorene	50	0.578		7.510		95.200	U
Indeno(1,2,3-cd)pyrene	0.002	0.0556	5	0.222	U	95.200	U
Naphthalene	10	0.200		1.870		95.200	U
Phenanthrene	50	1.130		2.710		95.200	U
Pyrene	50	0.0889		3.820		95.200	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

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

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits

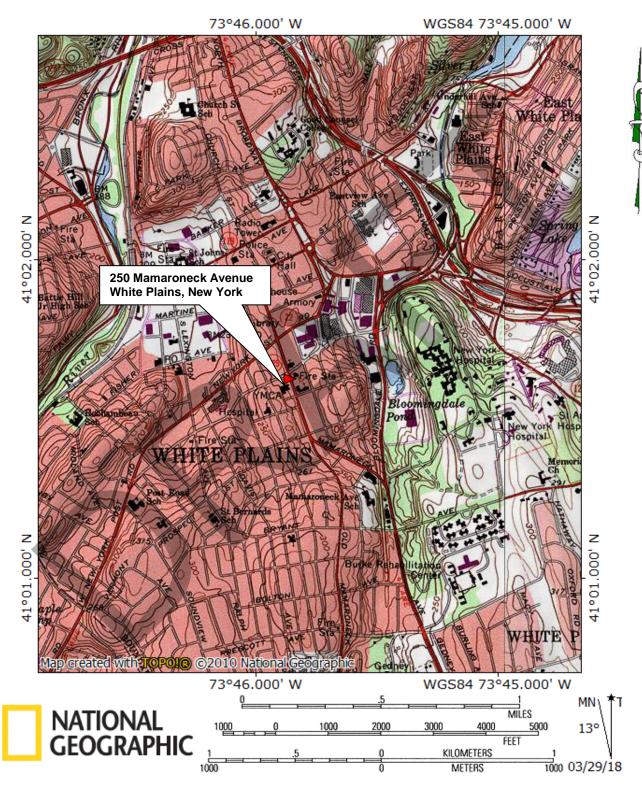
between the two GC columns used for analysis

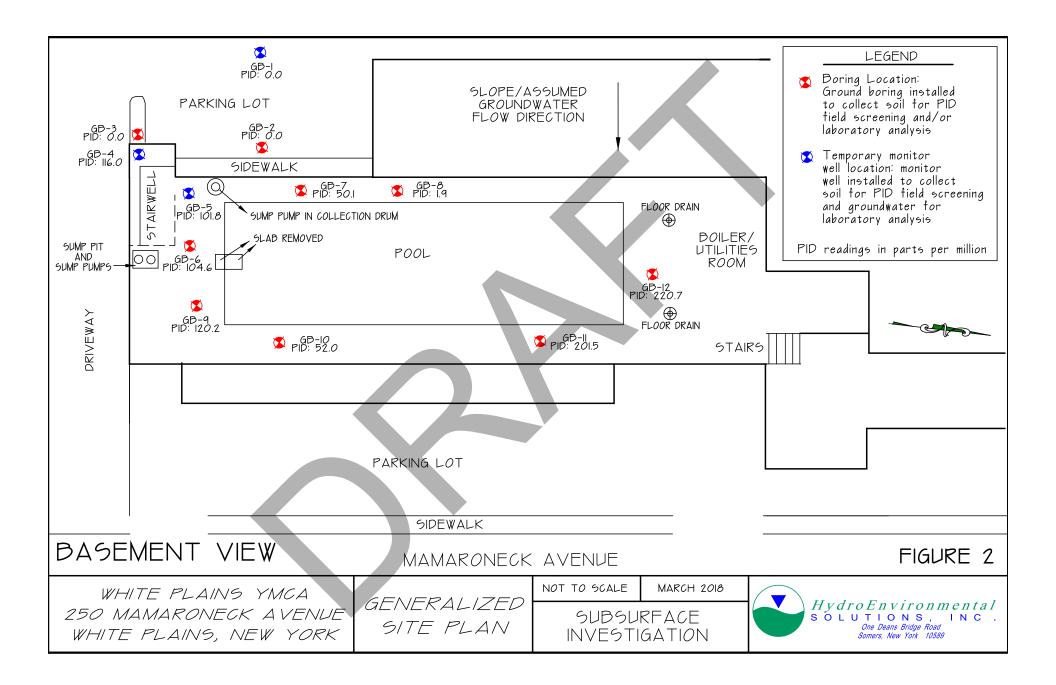
NT=this indicates the analyte was not a target for this sample

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

Figure 1

Site Location Map





250 Mamaroneck Avenue White Plains, New York NYSDEC Spill No.: 1709377



Photograph taken during drilling activities (GB-1).



Photograph taken during drilling activities (GB-2).

250 Mamaroneck Avenue White Plains, New York NYSDEC Spill No.: 1709377



Photograph taken during drilling activities (GB-3).



Photograph taken during drilling activities (GB-5).

250 Mamaroneck Avenue White Plains, New York NYSDEC Spill No.: 1709377



Photograph taken during drilling activities (GB-6).



Photograph taken during drilling activities (Orange: GB-7; Blue: GB-8).

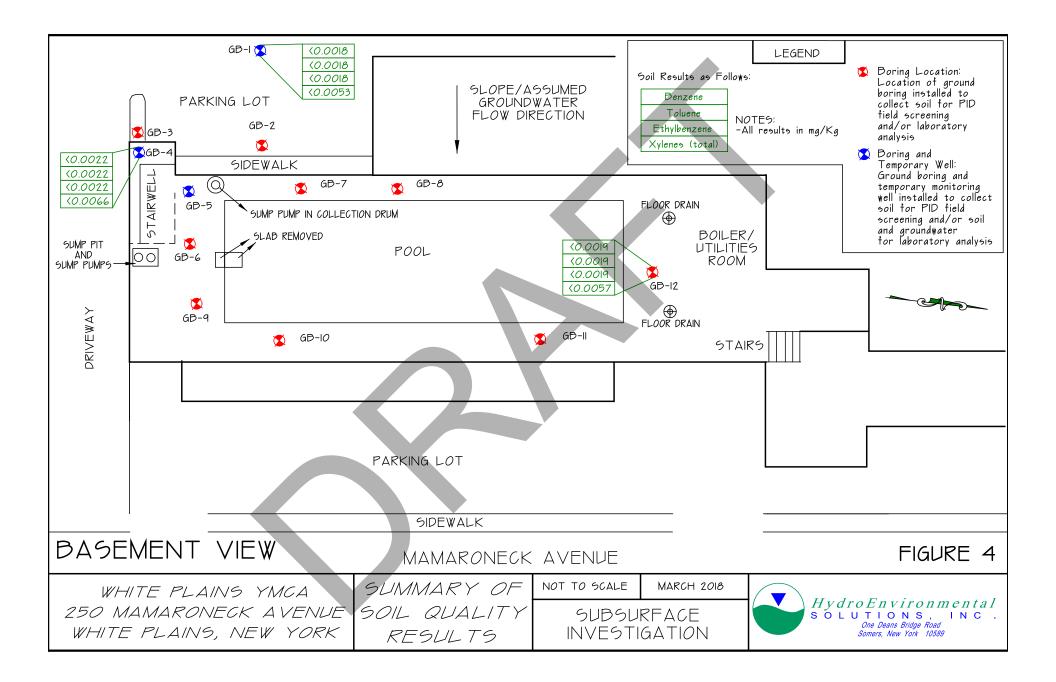
250 Mamaroneck Avenue White Plains, New York NYSDEC Spill No.: 1709377

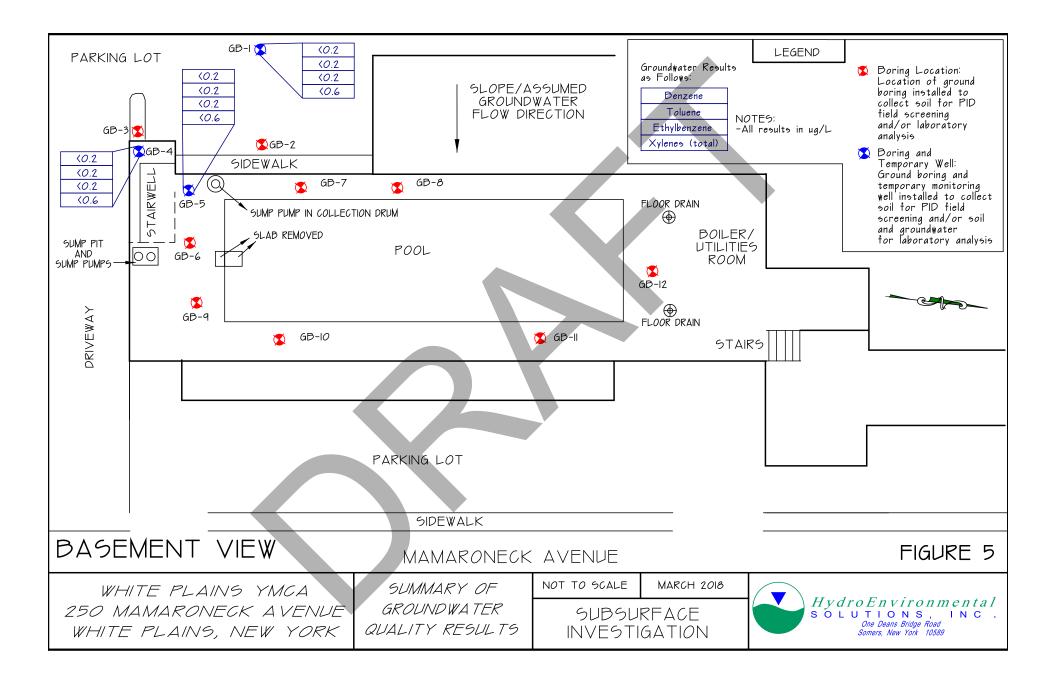


Photograph taken during drilling activities (GB-11).



Photograph taken during drilling activities (GB-12).





APPENDICES

APPENDIX 1:

Environmental Documentation Provided for Review



225 Valley Place Mamaroneck, NY 10543 (914) 777-1930 Phone (914) 777-1928 Fax

> Petroleum Bulk Storage Tank Closure Report For The White Plains YMCA 250 Mamaroneck Avenue White Plains New York

PBS No. 3-074071 Tank No. 1 NYSDEC Spill Case File Nos. 14-10006 & 15-05596

November 20, 2015

Prepared For: Mr. Thomas Hay YMCA of Central & Northern Westchester 250 Mamaroneck Ave. White Plains NY 10605-1398

Prepared by:

Dwayne J. Monaco DM@northeastenvironmental.com



225 Valley Place Mamaroneck, NY 10543 (914) 777-1930 Phone (914) 777-1928 Fax

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- 1. Westchester County Department of Health
 - Work Permits
 - Tank Closure Inspection Report
- 2. City of White Plains
 - Department of Buildings Permit
- 3. Site Work Report
- 4. Site Location
 - Sketch Showing Post Excavation Sampling Locations
 - Maps
 - Photos
- 5. Soil Analysis
 - Laboratory Technical Report
- 6. Manifests
 - Petroleum Contaminated Soil
 - UST Contents
 - Excavation Storm Water
 - Storage Tank Disposal



Robert P. Astorino

County Executive

Westchester County Department of Health Office of Environmental Health Risk Control (45 Huguenot Street New Rochelle, NY 1080) Telephone: 914-813-8161 24-hour Entergency Phone: 914-813-8000

PETROLEUM BULK STORAGE WORK PERMIT

In accordance with Articles XXV and XXVI of the Westchester County Sanitary Code, this work permit grants permission to modify the referenced Petroleum Bulk Storage facility in the manner listed below.

05 08 PM

FACILITY PBS No. 3-074071 WHITE PLAINS FAMILY YMCA 250 Mamaroneck Avenue White Plains, NY 106051398 Contact: Thomas Hay Telephone: (914) 450-6131	environmenta Northeast El 225 Valley F MAMARON Confact: Dw	CONTRACTOR (responsible for PBS compliance and environmental assessment) Northeast Environmental Inc. 225 Valley Place MAMARONECK, NY 10543 Contact: Dwayne Monaco Telephone: (914) 777-1930		
WORK	TO BE PERFORME	Œ		
Type of Work	Tank ID	Capacity	Product	
Remove tank	1	12000	1. No. 2 fuel oil	
1. THAT this permit is valid for 90 days from issue date.		-		
 I (IAT the petroletan bulk storage tank(s) ard/or piping shall be installed Constry NY. 	in necordance with Chapter 873. Ar	ticks XXV and XXVI, respec	tively, of the Laws of Westchester	

3. THAT the facility owner and contractor shall be responsible for the proper installation of the petroleum bulk storage and(s) and/or piping in accordance with Clupter 873. Articles NXV and NXVI, respectively, of the Laws of Westehester County NY.

4. THAT my changes or modifications to the Pentileum Bole Storage Work Penait requires tiling an application and obtaining a revised work penait to reflect soil changes.

5. THAT span installation of the petroleum holk storage tank(s) stable piping, the tank(s) shall remain out of service until stuch time as a tank testing report(s) satisfactory to the department by professional engineer or registered architect in the State of New York is filed with the department which certifies that installation complete with Chapter 873, Anickes XXV and XXVI, respectively, of the Laws of Westchester County NY.

Issued by:	Westchester County Department of Health	Issue Date	Expiration Date
	Sherlita Amler, M.D.	05/01/2015	08/01/2015
	Commissioner of Health	1	06/01/2015

				· · <u>· · · · · · · · · · · · · · · · · </u>	
West	chester	OFFICE	OF ENVIRONMENTAL H	EALTH RISK CONTROL	Page / of /
	$\equiv 0$	IAN	IK CLOSURE INSPE	GTION REPORT	
Site W/hi	te Plai	ns Family	/ YMCA		NYSDEC Spill No. 1505596
		aroneck t			PBS No. 3-074071
Tours .	te Plain		Municipality		Date of Inspection $P - 26 - 15$
Contractor Northeast Environmental Inc. Time of Inspection 10:20am					
100	rtneast	ENVIIONM			IU avam
	r,		TANK INFORMA		
Tank ID	Capacity	Туре	Product Stored		Condition
	12,000	UST	No. 2 fueloil	good, no hole	25
				~	
		· · · · · · · · · · · · · · · · · · ·			
· · · · · · · · · · · · · · · · · · ·					
	<u> </u>		EXCAVATION INFOR	MATION	
Are petroleum			Is contaminated soil sto Is stockpile properly sto		□ N □ N/A □ N □ N/A
Is groundwater					
Is a sheen visit			Was piping removed?		N Closed in place
Is free product	· · · · · · · · · · · · · · · · · · ·		Was fill port removed?	UY.	
Is soil staining			Was vent removed?	Ľ⊄Y	
	ated soil excavated		Excavation dimensions		3044
Remarks: A to the Contam Must b	Remarks: A lot of water was present in the tank excavation, according to the contractor on site. It is possibly groundwater. All soil Contamination must be removed; and if groundwater is present, it must be sampled.				
			FURTHER ACTION R	EQUIRED	
Tank Closure I manifests, PBS	Report: Submit to 5 certificate tank n	WCDOH. The report umber. Failure to comp	must include a description	n of the work performed, site p 873.2519 of the Westchester Co	lan, laboratory results, waste disposal ounty Sanitary Code.
Contaminated stockpiling beg	Material: All conta an. Failure to con	minated material must t nply is a violation of NYS	be removed and properly of SDEC 6NYCRR Part 360-	disposed. Contaminated soil mu 1.7(b)(4).	ust be removed within 60 days after
			ARS Memo #1. Fuel oil ta	anks: EPA 8021 and 8270 (base	e/neutrals) or equivalent. Gasoline
tanks: EPA 8021 or equivalent. Required sampling: Minimum of 5 samples - 4 sidewalls and 1 bottom sample for each 15 feet of trench					
Groundwater S 1 Samp 9round					nation (sheen, odor,
Other:					۰
t	receipt of this insp	pection report.		> pure / 1 /	Telephone No.
Representative	•			iam Eilbacher	فيتنافأ المصحد البار البنيان بالمعشور والمتشور والمحري والمتقاد والمحرور والمتعادي والمحرور والمحرور
	Ŵ	estchester County Depa	artment of Health, 145 Hug	guenot Street, New Rochelle, N	

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OF WHIL HHL OF WHIL HHL OF WHIL HHL OF WHIL HHL OF WHIL HHL OF WHIL HIL HHL OF WHIL HIL HHL OF WHIL HIL HIL HIL HIL HIL HIL HIL HIL HIL	A PLAINS	BUILDING PER CITY OF WHITE PLAI DEPARTMENT OF BU 70 Church Street White Plains, N.Y. 1060 PHONE 914-422-1269 FAX 91	NS, N.Y. JILDING			
Application #: Permit #:	2015-0067MEC 2015-0067MEC	Permit Type: Date Issued:	COM - MEC 5/4/2015			
Site Address: 250 N	IAMARONECK AVE	Applicant:				
SBL#: 130.2	8-9-3		225 Valley Place Mamaroneck NY 10543			
Inspector: Pete F	Russo					
Description of Work:	REMOVAL OF ONE 12	2,000 GALLON NO. 2 OIL UST TO GA	AS			
Fees:						
Estimated Cost	\$12000.00	Com - Add/Alt	Check No. 35284 \$265.00 Total Fees: \$265.00			
Owner:	YMCA 250 MAMARONECK A' THOMAS HAY WHITE PLAINS NY 10	$C_{\rm ext} = 10^{-10}$				
Builder/Contractor Northeast Environme 225 Valley Place Mamaroneck NY 105 Tel # 914 777 1930	13 					
			in the former			
Com	missioner of Building		Code Enforcement Officer			
PERMITS. TH INSPECTION ELECTRICAL	E BUILDING CODE REQU S AS FOLLOWS: EXCAVA	IRES THAT NOTICE BE GIVEN TO THE TION, FOOTINGS, FOUNDATIONS, ALL ATION AND FINAL INSPECTION. THIS P	S PERMIT DOES NOT REPLACE ANY OTHER REQUIRED CODE ENFORCEMENT OFFICER FOR ALL MANDATORY CONCRETE POURS, FRAME & MASONRY, INSULATION, PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT			
REQUIRING	A CORRECTION OF EF		SIONER OF BUILDING FROM THEREAFTER CTION, OR OF VIOLATIONS OF THE WHITE PLAINS ES.			
		IMPORTANT				
	THIS PERMI	T MUST BE KEPT IN FULL	VIEW ON THE JOB SITE			



225 Valley Place Mamaroneck, NY 10543 (914) 777-1930 Phone (914) 777-1928 Fax

On August 24th of 2015 Northeast Environmental Inc. (Northeast) mobilized crew and equipment to 250 Mamaroneck Avenue in The City of White Plains New York. The site is located in a lite commercial and residential area, consisting of a multi-story block and brick building. The site and the surrounding sites utilize potable municipal water and municipal sewage systems.

1

In January of 2015, the 12,000-gallon No.2 fuel oil Underground Storage Tank (UST) maintained on site had failed a tightness test and in turn the New York State Department of Environmental Conservation (NYSDEC) spill case file No.14-10006 was generated. Northeast was contracted for the removal of the UST which was located within the East asphalt parking lot parallel to Mamaroneck Avenue.

By way of the surface man way, the interior of the UST was accessed and cleaned of all fuel oil and residual sludge prior to its removal. Overburden soils were then removed from the top and perimeters of the UST in order facilitate its removal. Once removed it was observed that the UST appeared to be intact with no visible signs of holes. The fuel oil service lines leading from the tank to the interior of the building were observed to have been leaking and impacting the surrounding soils. The NYSDEC was notified of Northeast's findings and the spill case file No.14-15-05596 was assigned to the project.

During the UST removal process, an unforeseen underground storm water drainage line located parallel and adjacent to the tank was disturbed. The drain line is connected to the roof and parking lot drainage systems and was constricted of concrete pipe sections. Although not damaged, due to the close proximity of the tank, the sections of pipe disconnected from one another due shifting soils. In turn the water infiltrated the excavation and became impacted with petroleum contaminates. Northeast utilized a vacuum truck to recover the water and properly dispose of the liquids off site. A total of 2,514-gallons of impacted water was recovered and disposed of at Clean Waters of New York located in Staten Island New York.

Potential petroleum impacted soils were excavated and field screened with a MiniRAE 2000 Portable Volatile Organic Contaminate meter (aka: PID meter). Soils found to have a PID reading in excess of 10 parts per million (ppm) were segregated, and properly disposed of off-site. A total of 422.75 tons of petroleum impacted soils were removed, transported and disposed of at Soil Safe Inc. Metro of Carteret New Jersey.

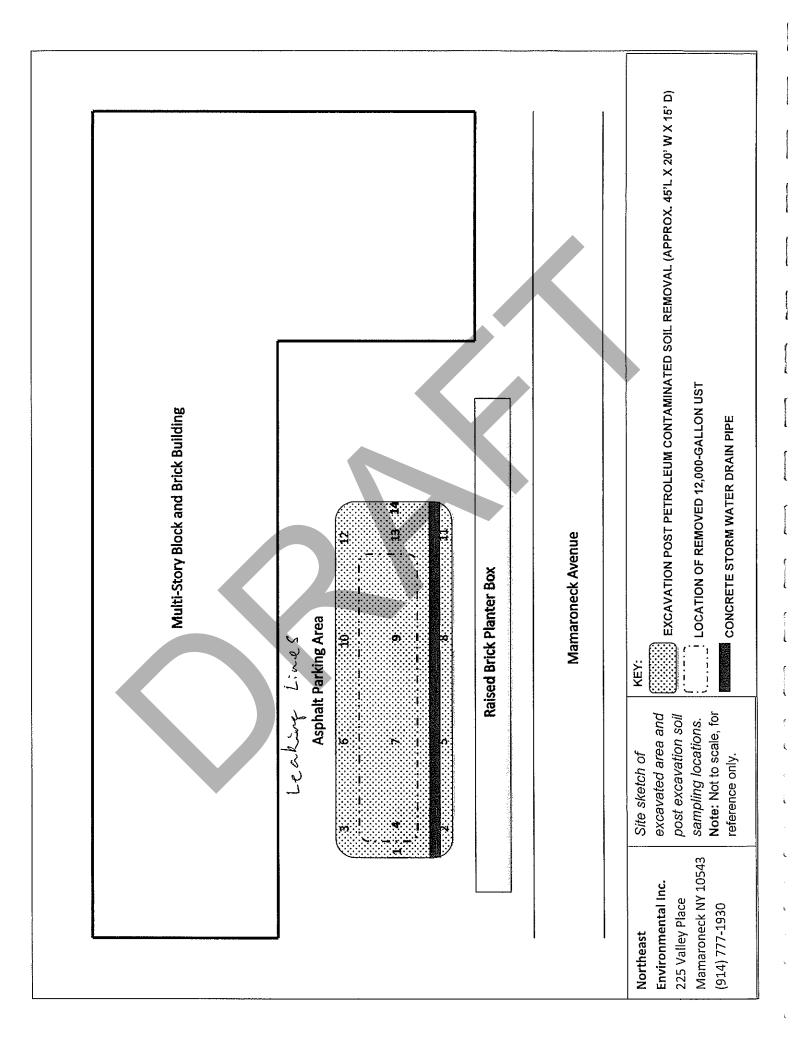


225 Valley Place Mamaroneck, NY 10543 (914) 777-1930 Phone (914) 777-1928 Fax

Per the Westchester County Department of Health (WCDH) directive, post excavation soil sampling was to be conducted along the base and sidewalls of the final excavation for a total of fourteen (14) sampling locations. Collected soil samples were jarred and delivered to a NYS certified laboratory and analyzed according to NYSDEC protocol. Analytical results were then compared to NYSDEC CP-51 Volatile Organic Compounds (VOCs) and Semi-Volatile Organic Compounds (SVOCs) Soil Cleanup Criteria Table. No petroleum related VOCs or SVOCs were observed to be detected in excess of the NYSDEC guidance with in the post excavation soil samples.

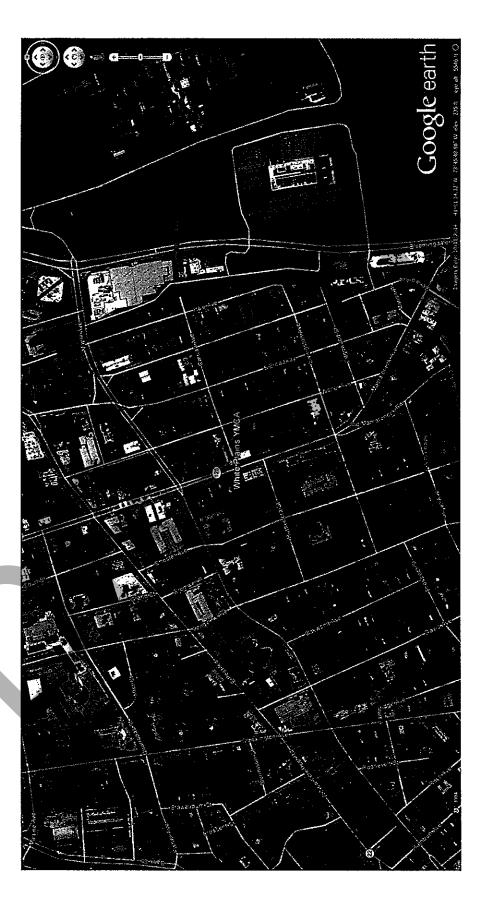
In conclusion, Northeast has removed the existing 12,000-gallon UST and associated petroleum impacted soils. Post excavation soil samples were observed to be free of petroleum contaminates in excess of the NYS DEC standards. In turn no further remedial work is deemed necessary and the NYSDEC spill case files should be made inactive.

With the removal of the UST and the complex converted to natural gas as a heating fuel source, no fuel oil storage tank in excess of 1,100-gallons is maintained on site. In turn, the site should be made inactive as a PBS facility.





Mamaroneck, NY 10543 (914) 777-1930 Phone (914) 777-1928 Fax



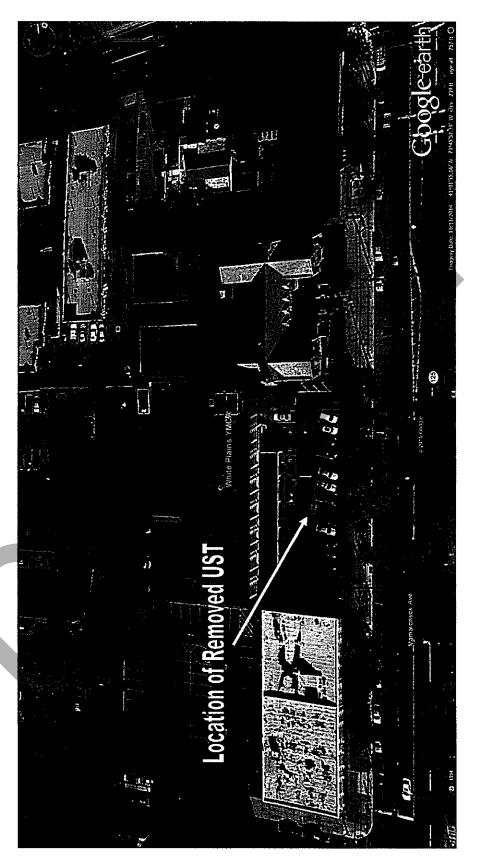
 Westchester County License No. WC-14361-H03
 CTDEP Waste Transporter No.763

 NYSDEC Waste Transporter No.3A-500
 USEPA Waste Transporter No.NYR-000083766

 Certified OMNTEC Install and Service Contractor No.1206613DM



Mamaroneck, NY 10543 (914) 777-1930 Phone (914) 777-1928 Fax



 Westchester County License No. WC-14361-H03
 CTDEP Waste Transporter No.763
 NYSDEC Waste Transporter No.3A-500
 USEPA Waste Transporter No.763
 Certified OMNTEC Install and Service Contractor No.1206613DM

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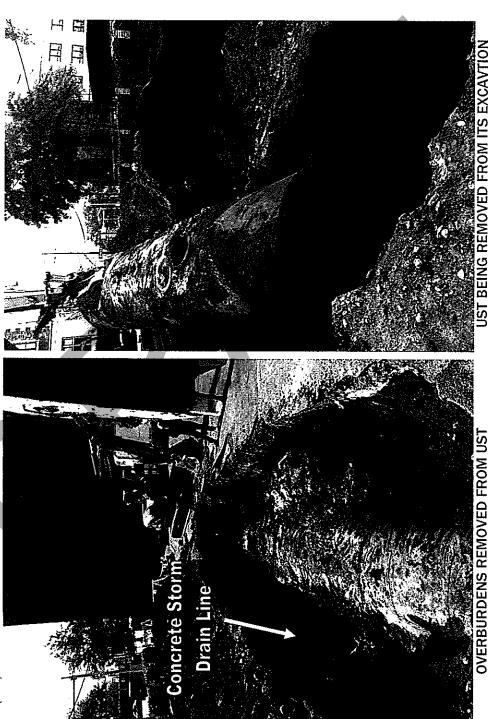
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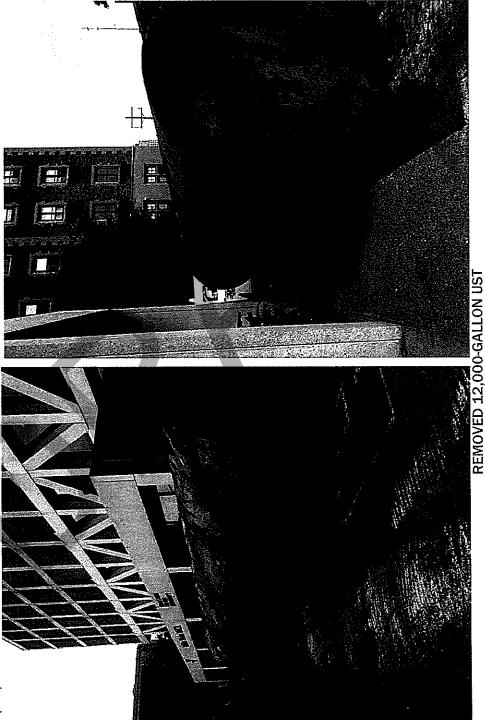
Mamaroneck, NY 10543 (914) 777-1930 Phone (914) 777-1928 Fax



 Westchester County License No. WC-14361-H03
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Mamaroneck, NY 10543 (914) 777-1930 Phone (914) 777-1928 Fax 225 Valley Place



NYSDEC Waste Transporter No.3A-500 USEPA Waste Transporter No.NYR-000083766 Certified OMNTEC Install and Service Contractor No.1206613DM **CTDEP Waste Transporter No.763** Westchester County License No. WC-14361-H03

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Technical Report

prepared for:

Northeast Environmental Inc.

225 Valley Place Mamaroneck NY, 10543 Attention: Mr. Dwayne Monaco

Report Date: 09/18/2015 Client Project ID: White Plains YMCA 250 Mamaroneck Ave White Plains York Project (SDG) No.: 15I0443

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

120 RESEARCH DRIVE

STRATFORD, CT 06615

(203) 325-1371

FAX (203) 357-0166

Page 1 of 40

Report Date: 09/18/2015 Client Project ID: White Plains YMCA 250 Mamaroneck Ave White Plains York Project (SDG) No.: 15I0443

Northeast Environmental Inc. 225 Valley Place Mamaroneck NY, 10543 Attention: Mr. Dwayne Monaco

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 14, 2015 and listed below. The project was identified as your project: White Plains YMCA 250 Mamaroneck Ave White Plains.

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

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

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

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

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

York Sample ID	<u>Client Sample ID</u>	<u>Matrix</u>	Date Collected	Date Received
1510443-01	1	Soil	09/09/2015	09/14/2015
15I0443-02	2	Soil	09/09/2015	09/14/2015
1510443-03	3	Soil	09/09/2015	09/14/2015
1510443-04	4	Soil	09/09/2015	09/14/2015
1510443-05	5	Soil	09/09/2015	09/14/2015
1510443-06	б	Soil	09/09/2015	09/14/2015
1510443-07	7	Soil	09/09/2015	09/14/2015
1510443-08	8	Soil	09/09/2015	09/14/2015
1510443-09	9	Soil	09/09/2015	09/14/2015
1510443-10	10	Soil	09/09/2015	09/14/2015
1510443-11	11	Soil	09/09/2015	09/14/2015
1510443-12	12	Soil	09/09/2015	09/14/2015
1510443-13	13	Soil	09/09/2015	09/14/2015
1510443-14	14	Soil	09/09/2015	09/14/2015

General Notes for York Project (SDG) No.: 15I0443

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

Approved By:

Benjamin Gulizia Laboratory Director Date: 09/18/2015





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1510443-01

Sample Information

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York Sample ID:

Client Sample ID: 1

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
1510443	White Plains YMCA 250 Mamaroneck Ave White Plains	Soil	September 9, 2015 3:00 pm	09/14/2015

Sample Prepared	by Method: EPA 5035A	<u>S) List</u>										
CAS No.	<u> </u>	Result	Flag	Units	Reported to LOD/MDL	roð	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 LAC-NY 10854,NJDE	09/16/2015 02:33 EP	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2,8	5,6	1	EPA 8260C Certifications;	CTDOH,NE	09/15/2015 17:00 ELAC-NY 10854,NJDE	09/16/2015 02:33 EP	ВК
71-43-2	Benzene	ND		ug/kg dry	2,8	5.6	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 ELAC-NY 10854,NJDE	09/16/2015 02:33 EP,PADEP	ВК
100-41-4	Ethyi Benzene	ND		ug/kg dry	2.8	5.6		EPA 8260C Certifications:	CTDOH, NE	09/15/2015 17:00 ELAC-NY 10854,NJDH	09/16/2015 02:33 EP,PADEP	вк
98-82-8	lsopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 ELAC-NY 10854,NJDI	09/16/2015 02:33 EP	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 ELAC-NY10854,NJDF	09/16/2015 02:33 EP	ВК
91-20-3	Naphthalene	ND		ug/kg dry	2.8	и	I	EPA 8260C Certifications:	NELAC-N	09/15/2015 17:00 /10854.NJDEP	09/16/2015 02:33	ВК
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications	CTDOH,NE	09/15/2015 17:00 ELAC-NY10854,NJD1	09/16/2015 02:33 EP	ВК
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	I	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 ELAC-NY 10854,NJDI	09/16/2015 02:33 EP	ВК
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	ı	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 ELAC-NY 10854	09/16/2015 02:33	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	u	ł	EPA 8260C Certifications:	CTDOLLNE	09/15/2015 17:00 ELAC-NY 10854	09/16/2015 02:33	ВК
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	ì	EPA 8260C Certifications:	CTDOH,NI	09/15/2015 17:00 ELAC-NY10854,NJDI	09/16/2015 02:33 EP	ВК
135-98-8	sec-Butylbenzene	ND	₩	ug/kg dry	2.8	5.6	1	EPA 8260C Certifications	CTDOH,NI	09/15/2015 17:00 ELAC-NY 10854,NJD	09/16/2015 02;33 EP	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	CTD0H,NI	09/15/2015 17:00 ELAC-NY10854,NJD	09/16/2015 02:33 EP	BK
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	ł	EPA 8260C Certifications:	CTD0H,NI	09/15/2015 17:00 ELAC-NY10854,NJD	09/16/2015 02:33 EP,PADEP	ВК
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications:	CTD0H,NI	09/15/2015 17:00 ELAC-NY 10854,NJD	09/16/2015 02:33 EP,PADEP	BK
	Surrogate Recoveries	Result		Acce	ptance Rar	ıge						
1 7060-07-0	Surrogate: 1,2-Dichloroethane-d4	117 %			77-125							
2037-26-5	Surrogate: Toluene-d8	108 %			85-120							
460-00-4	Surrogate: p-Bromofluorobenzene	91.3 %			76-130							

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method; EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEAF		STRATFOR					(203) 325-13	371	FAX (203) 35	7-0166	of 40



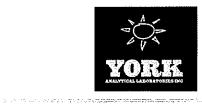
Client Sample ID: 1			York Sample ID:	1510443-01
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15I0443	White Plains YMCA 250 Mamaroneck Ave White Plains	Soil	September 9, 2015 3:00 pm	09/14/2015

	tiles, CP-51 (formerly STARS) L	<u>ist</u>			<u>Log-iņ</u>	<u>Notes:</u>	VOA-C	CONT <u>Sam</u>	ple Note	<u>s:</u>		
Sample Prepare CAS No	d by Method: EPA 3546 SVOA . Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	CTDOH,NE	09/16/2013 14:10 LAC-NY10854,NJDI	09/17/2015 13:21 EP,PADEP	КН
208-96-8	Acenaphthylene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	CTD0H.NE	09/16/2015 14:10 LAC-NY 10854_NJDI	09/17/2015 13:21 ERPADEP	KH
120-12-7	Anthracene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	CTD0H,NE	09/16/2015 14:10 LAC-NY10854,NJDI	09/17/2015 13:21 EP,PADEP	КН
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	строн, ме	09/16/2015 14:10 LAC-NY 10854,NJDI	09/17/2015 13:21 EP.PADEP	КН
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	CTDOH.NE	09/16/2015 14:10 LAC-NY 10854,NJDI	09/17/2015 13:21 EP.PADEP	КН
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	строңие	09/16/2015 14:10 LAC-NY10854,NJDI	09/17/2015 13:21 EP,PADEP	КН
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	CTDOH.NE	09/16/2015 14:10 LAC-NY10854,NJDI	09/17/2015 13:21 EP.PADEP	КН
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	CTDOH,NE	09/16/2015 14:10 LAC-NY10854,NJDI	09/17/2015 13:21 EP.PADEP	КН
218-01-9	Chrysene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	CTDOLINE	09/16/2015 14:10 LAC-NY 10854,NJDI	09/17/2015 13:21 EP,PADEP	КН
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	CTDOH.NE	09/16/2015 [4:10 LAC-NY10854,NJDI	09/17/2015 13:21 ERPADEP	КН
206-44-0	Fluoranthene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	СТДОҢ, NE	09/16/2015 14:10 LAC-NY10854,NJDI	09/17/2015 13:21 EP,PADEP	КH
86-73-7	Fluorene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	NELAC-NY	09/16/2015 14:10 10854,NJDEP,PADE	09/17/2015 13:21 P	КН
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	CTDOH,NE	09/16/2015 14:10 LAC-NY10854,NJDI	09/17/2015 13:21 EP.PADEP	КН
91-20-3	Naphthalene	סא		ug/kg dry	47	94	2	EPA 8270D Certifications;	CTDOH,NE	09/16/2015 14:10 LAC-NY10854,NJDI	09/17/2015 13:21 EP	КН
85-01-8	Phenanthrene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	CTDOH,NE	09/16/2015 14:10 LAC-NY10854,NJD	09/17/2015 13:23 EP,PADEP	КН
129-00-0	Pyrene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	CTDOH,NE	09/16/2015 14:10 ELAC-NY 10854,NJD	09/17/2015 13:21 EP.PADEP	КН
	Surrogate Recoveries	Result		Acce	ptance Ran	ige						
4165-60-0	Surrogate: Nitrobenzene-d5	39.1%			10-95							
321-60-8 1718-51-0	Surrogate: 2-Fluorobiphenyl Surrogate: Terphenyl-d14	40.5 % 40.2 %			10-97 19-99							
						N 7.4.	110 / 2					
Total Solid	-				Log-in	1 Notes:	VOA-C	UNI <u>Sam</u>	ple Note	<u>s:</u>		
	d by Method: % Solids Prep					Reported to				Date/Time	Date/Time	<u></u>
CAS No	. Parameter	Result	Flag	Units	LOD/MDL	LOQ	Dilution	Reference	e Method	Prepared	Analyzed	Analyst

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			i	Sampl	e Inform	ation					
Client Sample ID: 1									York Sample	<u>ID:</u> 1:	510443-01
York Project (SDG) No.		Client	Project II	2			<u>Matrix</u>	Collect	tion Date/Time	Date	e Received
15I0443	White Plains Y	MCA 250 N	Mamarone	ck Ave	White Plains		Soil	September	9,2015 3:00	pm	09/14/2015
<u>Total Solids</u> Sample Prepared by Method: % So	olids Prep				Log-ii	n Notes:	VOA-CONT	Sample Notes	÷		
CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ		eference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids * % Solids		89.1		%	0.100	0.100	1 SM 25 Certifi	cations: CTDOH	09/15/2015 11:38	09/16/2015 12:06	КК
					e Inform				-		
Client Sample ID: 2									York Sample	<u>ID:</u> 1	510443-02
York Project (SDG) No.		<u>Client</u>	Project II	2			<u>Matrix</u>	Collec	tion Date/Time	Dat	e Received
1510443	White Plains Y	MCA 250 N	Mamarone	eck Ave '	White Plains		Soil	September	9,2015 3:00	pm	09/14/2015

Sample Prepared	by Method: EPA 5035A								Date/Time	Date/Time	
CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method		Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	l	EPA 8260C Certifications: CTDOH	09/15/2015 17:00 NELAC-NY 10854,NJDI	09/16/2015 03:15 EP	ВК
08-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOF	09/15/2015 17:00 NELAC-NY 10854,NJDI	09/16/2015 03:15 EP	ВК
/1-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOF	09/15/2015 17:00 (NELAC-NY10854,NJD)	09/16/2015 03:15 EP,PADEP	ВК
00-41-4	Ethył Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOF	09/15/2015 17:00 INELAC-NY 10854,NJDI	09/16/2015 03:15 EP.PADEP	ВК
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.5	۱	EPA 8260C Certifications: CTDOF	09/15/2015 17:00 I,NELAC-NY 10854,NJDI	09/16/2015 03:15 EP	ВК
634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOF	09/15/2015 17:00 I,NELAC-NY 10854,NJD	09/16/2015 03:15 EP	ВК
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C Certifications; NELAC	09/15/2015 17:00 -NY10854,NJDEP	09/16/2015 03:15	ВК
04-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	L	EPA 8260C Certifications: CTDOF	09/15/2015 17:00 I,NELAC-NY 10854,NJD	09/16/2015 03:15 EP	ВК
03-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	I	EPA 8260C Certifications: CTDOF	09/15/2015 17:00 I,NELAC-NY 10854,NJD	09/16/2015 03:15 EP	ВК
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOF	09/15/2015 17:00 I.NELAC-NY10854	09/16/2015 03:15	BK
79601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	п	L	EPA 8260C Certifications: CTDOH	09/15/2015 17:00 3,NELAC-NY 10854	09/16/2015 03:15	ВК
99-87-6	p-lsopropyltoluene	ND		ug/kg dry	2.8	5.5	L	EPA 8260C Certifications: CTDOE	09/15/2015 17:00 I,NELAC-NY 10854,NJD	09/16/2015 03:15 EP	BK
35-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOI	09/15/2015 17:00 {,NELAC-NY10854,NJD	09/16/2015 03:15 EP	ВК

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Client Sample ID: 2 York Sample ID: 1510443-02 York Project (SDG) No. Client Project ID <u>Matrix</u> Collection Date/Time Date Received 1510443 White Plains YMCA 250 Mamaroneck Ave White Plains September 9, 2015 3:00 pm Soil 09/14/2015

Sample Prepare	d by Method: EPA 5035A											
CAS No	. Parameter	Result	Flag	Units	Reported to LOD/MDL	roð	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	CTD0H,NE	09/15/2015 17:00 ELAC-NY10854,NJDB	09/16/2015 03:15 EP	ВК
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	CTD0H,NE	09/15/2015 17:00 ELAC-NY 10854,NJDE	09/16/2015 03:15 EP.PADEP	ВК
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications:	CTD0H.NI	09/15/2015 17:00 ELAC-NY 10854,NJDI	09/16/2015 03:15 EP,PADEP	ВК
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	113 %			77-125							
2037-26-5	Surrogate: Toluene-d8	109 %			85-120							
460-00-4	Surrogate: p-Bromofluorobenzene	88.3 %			76-130							

Semi-Volatiles, CP-51 (formerly STARS) List

Sample Prepared by Method. EPA 3546 SVOA

Log-in Notes: VOA-CONT Sample Notes:

CAS No.	Parameter	Result I	lag Units	Reported to LOD/MDL	LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	ug/kg di	y 46	92	2	EPA 8270D		09/16/2013 14:10	09/17/2015 13:45	КН
							Certifications:	CTDOH,N	ELAC-NY 10854,NJDE	P.PADEP	
208-96-8	Acenaphthylene	ND	ug/kg di	y 46	92	2	EPA 8270D		09/16/2015 14:10	09/17/2015 13:45	КН
							Certifications:	строңи	ELAC-NY 10854, NJDE	P,PADEP	
20-12-7	Anthracene	ND	ug/kg di	y 46	92	2	EPA 8270D		09/16/2015 14:10	09/17/2015 13:45	КН
							Certifications:	CTDOH,N	ELAC-NY 10854,NJDE	PPADEP	
56-55-3	Benzo(a)anthracene	ND	ug/kg di	ry 46	92	2	EPA 8270D		09/16/2015 14:10	09/17/2015 13:45	кн
							Certifications:	CTDOH.N	ELAC-NY 10854.NJDE	PPADEP	
50-32-8	Benzo(a)pyrene	ND	ug/kg di	ry 46	92	2	EPA 8270D		09/16/2015 14:10	09/17/2015 13:45	КН
							Certifications:	CTDOH,N	ELAC-NY 10854, NJDI	P,PADEP	
205-99-2	Benzo(b)fluoranthene	ND	ug/kg di	ry 46	92	2	EPA 8270D		09/16/2015 14:10	09/17/2015 13:45	КН
				-			Certifications:	CTDOH,N	ELAC-NY 10854, NJDI	P,PADEP	
191-24-2	Benzo(g,h,i)perylene	ND	ug/kg di	rv 46	92	2	EPA 8270D		09/16/2015 14:10	09/17/2015 13:45	кн
				•			Certifications:	CTDOH,N	ELAC-NY 10854, NJDI	P,PADEP	
207-08-9	Benzo(k)fluoranthene	ND	ug/kg di	rv 46	92	2	EPA 8270D		09/16/2015 14:10	09/17/2015 13:45	кн
							Certifications:	CTDOH,N	ELAC-NY 10854, NIDE	EP,PADEP	
218-01-9	Chrysene	ND	ug/kg di	ry 46	92	2	EPA 8270D		09/16/2015 14:10	09/17/2015 13:45	кн
				•			Certifications:	CTDOH,N	ELAC-NY 10854,NJDI	EP,PADEP	
53-70-3	Dibenzo(a,h)antluracene	ND	ug/kg d	ry 46	92	2	EPA 8270D		09/16/2013 14:10	09/17/2015 13:45	кн
			2.0				Certifications:	CTDOH,N	ELAC-NY 10854,NJDI	EP, PADEP	
206-44-0	Fluoranthene	ND	ug/kg d	ry 46	92	2	EPA 8270D		09/16/2015 14:10	09/17/2015 13:45	кн
	radialiticite	NB	-3-13 -	.,			Certifications:	CTDOH,N	ELAC-NY 10854,NJDI		
36-73-7	Fluorene	ND	ug/kg d	rv 46	92	2	EPA 8270D	-	09/16/2015 14:10	09/17/2015 13:45	кн
	Tuorene	ND	45/K5 4	.,	22	-	Certifications:	NELAC-N	Y10854,NJDEP,PADE		NII
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ug/kg d	rv 46	92	2	EPA 8270D		09/16/2015 14:10	09/17/2015 13:45	KH
	indeno(1,2,5-cd)pytene	ND	ug/kg d	iy 40	34	2	Certifications:	CTDOHN	ELAC-NY 10854,NJD		K tt
91-20-3	N14-1	ND	10 P-+	- 16	92	3	EPA 8270D	2.2014			кн
71-20-3	Naplithalene	ND	ug/kg d	ry 46	92	3	EPA 8270D Certifications:	CTDORN	09/16/2015 14:10 ELAC-NY 10854 (NJD)	09/17/2015 13:45	кн
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120 F	RESEARCH DRIVE	STRATFORD, (CT 06615			(203) 325-	1371		FAX (203) 35	7-0166	



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			Sample	Inform	ation					
<u>Client Sa</u>	mple ID: 2							York Sampl	<u>e ID:</u> 15	510443-02
York Proj	ect (SDG) No.	Client Pro	ject ID			M	<u>atrix Cc</u>	Ilection Date/Time	Date	Received
		ns YMCA 250 Man	naroneck Ave W	hite Plains		s	oil Septer	nber 9, 2015 3:00	pm (9/14/2015
~				I og in	Notes:	VOA-C		4 a a a		
	atiles, CP-51 (formerly STARS)]	List		<u>1708-11</u>	i ivotes:	VUA-C	ONT <u>Sample N</u>	otes:		
Sample Prepar	red by Method: EPA 3546 SVOA			Reported to				Date/Time	Date/Time	
CAS N	o. Parameter	Result I	Flag Units	LOD/MDL	LOQ	Dilution	Reference Metho		Analyzed	Analyst
85-01-8	Phenanthrene	ND	ug/kg dry	46	92	2	EPA 8270D Certifications: CTDO	09/16/2015 14;10 H,NELAC-NY10854,NJD	09/17/2015 13:45 EP,PADEP	КН
129-00-0	Pyrene	ND	ug/kg dry	46	92	2	EPA 8270D Certifications: CTDO	09/16/2015 14:10 H.NELAC-NY 10854,NJD	09/17/2015 13:45 EP,PADEP	КН
	Surrogate Recoveries	Result	Acce	ptance Ran	ige					
4165-60-0	Surrogate: Nitrobenzene-d5	50.0 %		10-95						
321-60-8	Surrogate: 2-Fluorobiphenyl	44.1%		10-97						
1718-51-0	Surrogate: Terphenyl-d14	48.0 %		19-99						
Total Soli	ds			Log-ir	Notes:	VOA-C	ONT <u>Sample N</u>	otes:		
	red by Method: % Solids Prep									
CASN	o. Parameter	Result	Flag Units	LOD/MDL	Reported to LOQ	Dilution	Reference Metho	Date/Time d Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.3	%	0.100	0.100	l	SM 2540G Certifications: CTD0	09/15/2015 11:38 H	09/16/2015 12:06	КК
a of a server	na menan ing pengan na akarang kabuna na men	e fa el la la processión de la composición de la composición de la composición de la composición de la composic		T-c		• • • • •	NATIONAL CALLS	and the state of the	- 1	1997 - 1 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1
			Sample	Inform	ation					
<u>Client Sa</u>	mple ID: 3							York Samp	<u>e ID:</u> 1.	510443-03
<u>York Proj</u>	ect (SDG) No.	Client Pro	ject ID			M	atrix <u>Co</u>	llection Date/Time	<u>Date</u>	e Received
	15I0443 White Plai	ns YMCA 250 Man	naroneck Ave W	hite Plains		S	oil Septer	nber 9, 2015 3:00)pm (09/14/2015
<u>Volatile C</u>	Organics, CP-51 (formerly STAR	<u>S) List</u>		<u>Log-ir</u>	1 Notes:	VOA-C	CONT Sample N	otes:		
Sample Prepa	red by Method: EPA 5035A									
				Reported to				Date/Time	Date/Time	

CAS No.	. Parameter	Result	Flag Units	Reported to LOD/MDL	LOQ	Dilution	Reference Met	Date/Time hod Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND	ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTI	09/15/2015 17:00 OOH,NELAC-NY 10854,NJD	09/16/2015 03:57 EP	ВК
108-67-8	1,3,5-Trimethylbenzene	ND	ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTI	09/15/2015 17:00 OOH,NELAC-NY10854,NJD	09/16/2015 03:57 EP	BK
71-43-2	Benzene	ND	ug/kg dry	2,8	5.5	I	EPA 8260C Certifications: CTI	09/15/2015 17:00 DOH,NELAC-NY10854,NJD	09/16/2015 03:57 EP,PADEP	ВК
100-41-4	Ethyl Benzene	ND	ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTI	09/15/2015 17:00 DOH,NELAC-NY 10854,NJD	09/16/2015 03:57 EP.PADEP	ВК
98-82-8	Isopropylbenzene	ND	ug/kg dry	2.8	5,5	۱	EPA 8260C Certifications: CTI	09/15/2015 17:00 DOH,NELAC-NY10854,NJD	09/16/2015 03:57 EP	ВК
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	ug/kg dry	2.8	5.5	I	EPA 8260C Certifications: CTI	09/15/2015 17:00 DOH,NELAC-NY10854,NJD	09/16/2015 03:57 EP	ВК
91-20-3	Naphthalene	ND	ug/kg dry	2.8	11	1	EPA 8260C Certifications: NE	09/15/2015 17:00 LAC-NY 10854,NJDEP	09/16/2015 03:57	ВК
120	RESEARCH DRIVE	STRATFORD,	CT 06615			(203) 325-	1371	FAX (203) 35	7-0166 Page 8	of 40



Client Sample ID: 3 York Sample ID: 1510443-03 York Project (SDG) No. Client Project ID Collection Date/Time <u>Matrix</u> Date Received 1510443 White Plains YMCA 250 Mamaroneck Ave White Plains Soil September 9, 2015 3:00 pm 09/14/2015

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Sample Prepare	d by Method: EPA 5035A											
CAS No		Result	Flag	Units	Reported to LOD/MDL	roð	Dilution	Reference	e Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	строн, NI	09/15/2015 17:00 ELAC-NY 10854,NJDE	09/16/2015 03:57 P	вК
103-65-1	n-Propylbenzene	ND		ug/kg dry	2,8	5.5	1	EPA 8260C Certifications:	CTDOHINI	09/15/2015 17:00 ELAC-NY 10854.NJDE	09/16/2015 03:57 P	ВК
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	CTD0H,N	09/15/2815 17:00 ELAC-NY 10854	09/16/2015 03:57	ВК
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	и	1	EPA 8260C Certifications:	строн,ы	09/15/2015 17:00 ELAC-NY10854	09/16/2015 03:57	ВК
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	CTDOH.NI	09/15/2015 17:00 ELAC-NY 10854,NJDE	09/16/2015 03:57 P	ВК
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	I	EPA 8260C Certifications:	CTDOH,NI	09/15/2015 17:00 ELAC-NY 10854,NJDE	09/16/2015 03:57 P	ВК
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5		EPA 8260C Certifications:	CTDOH,NI	09/15/2015 17:00 ELAC-NY 10854,NJDE	09/16/2015 03:57 P	ВК
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications;	строңы	09/15/2015 17:00 ELAC-NY 10854,NJDE	09/16/2015 03:57 P.PADEP	ВК
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications:	CTDOH,N	09/15/2015 17:00 ELAC-NY10854,NJDE	09/16/2015 03:57 P,PADEP	ВК
	Surrogate Recoveries	Result		Acce	ptance Ran	gc						
17060-07-0	Surrogate: 1,2-Dichloroethane-d-	116 %			77-125							
2037-26-5	Surrogate: Toluene-d8	109 %			85-120							
460-00-4	Surrogate: p-Bromofluorobenzene	92.3 %			76-130							

Semi-Volatiles, CP-51 (formerly STARS) List Sample Prepared by Method: EPA 3546 SVOA

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Log-in Notes: Sample Notes: VOA-CONT

CAS No	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaplithene	ND		ug/kg dry	46	92	2	EPA 8270D		09/16/2015 14;10	09/17/2015 16:36	кн
								Certifications	CTDOH,N	ELAC-NY 10854, NJDE	PPADEP	
208-96-8	Acenaphthylene	ND		ug/kg dry	46	92	2	EPA 8270D		09/16/2015 14:10	09/17/2015 16:36	КН
								Certifications:	CTDOH,N	ELAC-NY 10854,NJDE	P,PADEP	
120-12-7	Anthracene	ND		ug/kg dry	46	92	2	EPA 8270D		09/16/2013 14:10	09/17/2015 16:36	КН
								Certifications:	CTDOH,N	ELAC-NY 10854, NIDE	PPADEP	
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46	92	2	EPA 8270D		09/16/2015 14:10	09/17/2015 16:36	KH
								Certifications:	CTDOH,N	ELAC-NY 10854,NIDE	P,PADEP	
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46	92	2	EPA 8270D		09/16/2015 14:10	09/17/2015 16:36	кн
								Certifications:	CTDOH,N	ELAC-NY 10854, NJ DE	PPADEP	
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46	92	2	EPA 8270D		09/16/2015 14:10	09/17/2015 16:36	КН
								Certifications:	CTDOH,N	ELAC-NY 10854,NJDI	P,PADEP	
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46	92	2	EPA 8270D		09/16/2015 14:10	09/17/2015 16:36	KH
								Certifications:	CTDOH,N	ELAC-NY 10854,NJDI	P,PADEP	
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46	92	2	EPA 8270D		09/16/2015 14:10	09/17/2015 16:36	KH
								Certifications:	CTDOH,N	ELAC-NY 10854,NJDI	P,PADEP	
120	RESEARCH DRIVE	STRATFORD	, CT 066	15	····		(203) 325-	1371		FAX (203) 35	7-0166	



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Sample Information

Client Sample ID: 3

York Project (SDG) No.	Client Project ID	<u>Matrix</u>	Collection Date/Time	Date Received
15I0443	White Plains YMCA 250 Mamaroneck Ave White Plains	Soil	September 9, 2015 3:00 pm	09/14/2015

Senii- vola	tiles, CP-51 (formerly S	TARS) List			Log-in	Notes:	VOA-C	ONT <u>Sam</u>	ple Note	<u>s:</u>		
Sample Prepare	d by Method: EPA 3546 SVOA									Ph. 4 . 601	D-4- (7)	
CAS No	, Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		ug/kg dry	46	92	2	EPA 8270D Certifications:	строң, м	09/16/2015 14:10 ELAC-NY 10854,NJDH	09/17/2015 16:36 SP,PADEP	КН
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46	92	2	EPA 8270D Certifications:	CTDOH,NI	09/16/2015 14:10 ELAC-NY 10854,NJDE	09/17/2015 16:36 EP,PADEP	КН
206-44-0	Fiuoranthene	ND		ug/kg dry	46	92	2	EPA 8270D Certifications:	CTDOH.NI	09/16/2015 14:10 ELAC-NY10854,NJDI	09/17/2015 16:36 EP.PADEP	КН
36-73-7	Fluorene	ND		ug/kg dry	46	92	2	EPA 8270D Certifications:	NELAC-N	09/16/2015 14:10 Y10854,NIDEP,PADE	09/17/2015 16:36 P	КН
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46	92	2	EPA 8270D Certifications:	CTD0H,NI	09/16/2015 14:10 ELAC-NY 10854,NJDI	09/17/2015 16:36 SP,PADEP	КН
91-20-3	Napluthalene	ND		ug/kg dry	46	92	2	EPA 8270D Certifications;	CTD0H,NI	09/16/2015 14:10 ELAC-NY 10854,NJDI	09/17/2015 16:36 EP	КН
85-01-8	Phenanthrene	ND		ug/kg dry	46	92	2	EPA 8270D Certifications:	CTD0H,N	09/16/2015 14:10 ELAC-NY 10854,NJDI	09/17/2015 16 36 EP.PADEP	КН
129-00-0	Pyrene	ND		ug/kg dry	46	92	2	EPA 8270D Certifications:	CTDOH.N	09/16/2015-14:10 ELAC-NY 10854,NJDI	09/17/2015 16:36 EP.PADEP	КН
	Surrogate Reco	veries Result		Acce	ptance Ran	ge						
4165-60-0	Surrogate: Nitrobenzene-d5	50.0 %			10-95							
321-60-8	Surrogate: 2-Fluorobiphenyl	44.0 %			10-97							
1718-51-0	Surrogate: Terphenyl-d14	46.1%			19-99							
<u>Total Solid</u>	<u>ls</u>				<u>Log-in</u>	Notes:	VOA-C	ONT <u>San</u>	ple Note	<u>es:</u>		
Sample Prepare	ed by Method: % Solids Prep											
CAS No	o. Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.2		%	0.100	0.100	l	SM 2540G Certifications:	строн	09/15/2015 11:38	09/16/2015 12:06	КK
s subsections	uses a wear and see an product	o and an	e and	181 <u>1</u> -1717		nuu ers e	a the	ne zue kunnel in	er er gen	server a large ver la	ann a saire.	gi ya shi ya a
			S	Sample	Inform	ation						
<u>Client San</u>	npie ID: 4									York Sampl	<u>e ID:</u> 15	10443-04
		Client Br	oject ID				м	atrix	Colle	ction Date/Time	Date	Received
York Proje	ct (SDG) No.	<u>Che</u> nt Pl					141	aun		cuon Daterint	<u>D</u> acc	110001100

Volatile Organics, CP-51 (formerly STARS) List

Sample Prepared by Method: EPA 5035A

CAS No	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
15-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	l	EPA 8260C Certifications:	CTDOH,NI	09/15/2015 17:00 ELAC-NY10854,NJDE	09/16/2015 04:40 P	ВК
	RESEARCH DRIVE	STRATFOR					(203) 325-			FAX (203) 357		

Log-in Notes: VOA-CONT

Sample Notes:

Page 10 of 40

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1510443-03

York Sample ID:



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Sample Information												
<u>Client Sar</u>	nple ID: 4								York Sample	<u>D:</u> 15	10443-04	
York Proje	ect (SDG) No.	Client P	roject ID			M	<u>atrix</u>	Collec	ction Date/Time	Date	Received	
1	5I0443 White Plain	s YMCA 250 M	amaroneck Ave W	hite Plains		S	oil	Septembe	er 9, 2015 3:00	pm 0	9/14/2015	
	rganics, CP-51 (formerly STARS	i) <u>List</u>		Log-in	Notes:	VOA-C	ont <u>Sam</u>	ple Note	<u>s:</u>			
CAS No		Result	Elen Haite	Reported to LOD/MDL	LOQ	Dilution	De		Date/Time	Date/Time		
108-67-8		ND	Flag Units ug/kg dry	····	5.5		Reference EPA 8260C	Method	Prepared 09/15/2015 17:00	Analyzed	Analyst BK	
108-07-0	1,3,5-Trimethylbenzene	ND	ug/kg uly	2.7	5.5		Certifications:	строни	ELAC-NY10854,NJDE		BK	
71-43-2	Benzene	ND	ug/kg dry	2.7	5.5	i	EPA 8260C Certifications:	CTDOH,NI	09/15/2015 17:00 ELAC-NY10854,NJDE	09/16/2015 04:40 P.PADEP	ВК	
100-41-4	Ethyl Benzene	ND	ug/kg dry	2.7	5.5	i	EPA 8260C Certifications:	CTDOH.NI	09/15/2015 17:00 ELAC-NY10854,NJDE	09/16/2015 04:40 P.PADEP	BK	
98-82-8	Isopropylbenzene	ND	ug/kg dry	2.7	5.5	Г	EPA 8260C Certifications:	CTDOH,NI	09/15/2015 17:00 ELAC-NY10854,NJDE	09/16/2015 04:40 P	ВК	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	ug/kg dry	2.7	5.5	I	EPA 8260C Certifications:	CTD0H.NI	09/15/2015 17:00 ELAC-NY 10854,NJDE	09/16/2015 04:40 P	BK	
91-20-3	Naplithalene	ND	ug/kg dry	2.7	11	I	EPA \$260C Certifications:	NELAC-N	09/15/2015 17:00 /10854.NJDEP	09/16/2015 04:40	ВК	
104-51-8	n-Butylbenzene	ND	ug/kg dry	2.7	5.5	i	EPA 8260C Certifications:	CTD0H,NI	09/15/2015 17:00 ELAC-NY 10854,NJDE	09/16/2015 04:40 P	ВК	
103-65-1	n-Propylbenzene	ND	ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 ELAC-NY 10854,NJDE	09/16/2013 04:40 P	ВК	
95-47-6	o-Xylene	ND	ug/kg dry	2.7	5.5	l	EPA 8260C Certifications:	CTD0H,NI	09/15/2015 17:00 ELAC-NY10854	09/16/2015 04:40	ВК	
179601-23-1	p- & m- Xylenes	ND	ug/kg dry	5.5	11	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 ELAC-NY10854	09/16/2015 04:40	BK	
99-87-6	p-Isopropyltoluene	ND	ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	CTDOLLNI	09/15/2015 17:00 LAC-NY10854,NJDE	09/16/2015 04:40 P	ВК	
135-98-8	sec-Butylbenzene	ND	ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 ELAC-NY 10854,NJDE	09/16/2015 04:40 P	ВК	
98-06-6	tert-Butylbenzene	ND	ug/kg dry	2.7	5,5	1	EPA 8260C Certifications:	CTD0H,NE	09/15/2015 17:00 ELAC-NY 10854,NJDE	09/16/2015 04:40 P	ВК	
108-88-3	Toluene	ND	ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	CTDOLLNI	09/15/2015 17:00 ELAC-NY 10854,NJDE	09/16/2015 04:40 P.PADEP	BK	
1330-20-7	Xylenes, Total	ND	ug/kg dry	8,2	16	1	EPA 8260C Certifications:	CTD0H,NE	09/15/2015 17:00 ELAC-NY 10854,NIDE	09/16/2015 04:40 P.P.A.D.E.P	ВК	
	Surrogate Recoveries	Result	Acce	eptance Rang	je.							
17060-07-0	Surrogate: 1,2-Dichloroethane-d-	113 %		77-125								
2037-26-5	Surrogate: Toluene-d8	108 %		85-120								

Semi-Volatiles, CP-51 (formerly STARS) List

Surrogate: p-Bromofluorobenzene

460-00-4

Log-in Notes:

VOA-CONT Sample Notes:

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CAS No	. Parameter	Result	Flag Unit	Reported LOD/ME		Dilution	Reference Meth	Date/Time 10d Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	ug/kj	dry 46	91	2	EPA 8270D Certifications: CTD	09/16/2015 14:10 OH,NELAC-NY10854,NJD	09/17/2015 17:10 EP,PADEP	KH
208-96-8	Acenaphthylene	ND	ug/kş	dry 46	91	2	EPA 8270D Certifications: CTD	09/16/2015 14:10 OH,NELAC-NY 10854,NJD	09/17/2015 17:10 EP,PADEP	КН
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120 RESEARCH DRIVE

Sample Prepared by Method: EPA 3546 SVOA

STRATFORD, CT 06615

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(203) 325-1371

FAX (203) 357-0166

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Sample Information

Client Sample ID: 4

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
1510443	White Plains YMCA 250 Mamaroneck Ave White Plains	Soil	September 9, 2015 3:00 pm	09/14/2015

Sample Prepared	l by Method: EPA 3546 SVOA											
CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	roð	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/kg dry	46	91	2	EPA 8270D		09/16/2015 14:10	09/17/2015 17:10	КН
								Certifications:	CTDOH,N	ELAC-NY 10854, NJDI	EP,PADEP	
56-55-3	Benzo(a)antitracene	ND		ug/kg dry	46	91	2	EPA 8270D		09/16/2015 14:10	09/17/2015 17:10	КН
								Certifications:	CTDOH,N	ELAC-NY 10854, NJDI		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46	91	2	EPA 8270D		09/16/2015 14:10	09/17/2015 17;10	КН
					4			Certifications:	CTDOHN	ELAC-NY 10854,NJDI	EP.PADEP	
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46	91	2	EPA 8270D		09/16/2015 14:10	09/17/2015 17:10	КН
								Certifications:	CTDOH N	ELAC-NY 10854,NJDI		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46	91	2	EPA 8270D		09/16/2015 14:10	09/17/2015 17:10	КН
								Certifications:	CTDOH.N	ELAC-NY 10854,NJDI		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46	91	2	EPA 8270D		09/16/2015 14:10	09/17/2015 17:10	КH
								Certifications:	CIDOHN	ELAC-NY 10854, NJDI		
218-01-9	Chrysene	ND		ug/kg dry	46	91	2	EPA 8270D		09/16/2015 14:10	09/17/2015 17:10	КН
								Certifications	CTDOH,N	ELAC-NY10854,NJDI		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46	91	2	EPA 8270D	or and the	09/16/2015 14:10	09/17/2015 17:10	КН
								Certifications;	CTUOH,N	ELAC-NY10854,NJDI		
206-44-0	Fluoranthene	ND		ug/kg dry	46	91	2	EPA 8270D	croous	09/16/2015 14:10	09/17/2015 17:10	КН
							_	Certifications:	CTUUH,N	ELAC-NY 10854, NJDI		
86-73-7	Fluorene	ND		ug/kg dry	46	91	2	EPA 8270D		09/16/2015 14:10	09/17/2015 17:10	КН
								Certifications:	NELAC-N	Y10854,NIDEP,PADE		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications:	OTDOUN	09/16/2015 14:10	09/17/2015 17:10	кн
									CIDONA	ELAC-NY 10854,NJDI		
91-20-3	Naphthalene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications:	CTROUN	09/16/2015 14:10 ELAC-NY 10854,NJDI	09/17/2015 17:10	КН
DE 01 0	PL					<u>.</u> .	-		CLOOU'N			
85-01-8	Phenanthrene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications:	CTROWN	09/16/2015 14:10 ELAC-NY 10854,NJDI	09/17/2015 17:10	кн
20.00.0									CIDONN			
129-00-0	Pyrene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications:	CTRAVA	09/16/2015 14:10 ELAC-NY10854,NJDI	09/17/2015 17:10	КН
								Conneations	CIDONA	ELAC-INE 10834, MIDI	ERTADET	
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
4165-60-0	Surrogate: Nitrobenzene-d5	58.1 %			10-95							
321-60-8	Surrogate: 2-Fluorobiphenyl	50.1%			10-97							
1718-51-0	Surrogate: Terphenyl-d14	<i>50.5 %</i>			19-99							

Total Solids

Sample Pre	pared by Method: % S	olids Prep										
CAS	No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Meth	Date/Time od Prepared	Date/Time Analyzed	Analyst
salids	* % Solids		91.3		%	0.100	0.100	1	SM 2540G Certifications: CTD	09/15/2015 11:38 DH	09/16/2015 12.06	КК

Log-in Notes: VOA-CONT

Sample Notes:

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York Sample ID:



		Sample Information			
Client Sample ID: 5				York Sample ID:	1510443-05
York Project (SDG) No.	Client Project I	<u>D</u>	<u>Matrix</u>	Collection Date/Time	Date Received
1510443	White Plains YMCA 250 Mamaron	eck Ave White Plains	Soil	September 9, 2015 3:00 pm	09/14/2015
<u>Volatile Organics, CP-51 (fe</u>	ormerly STARS) List	Log-in Notes:	VOA-CONT	Sample Notes:	

95-63-6 108-67-8	1,2,4-Trimethylbenzene	ND			-			Method	Prepared	Analyzed	Analysi
108-67-8			ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 ELAC-NY10854,NJDF	09/16/2015 05:22 SP	вк
	1,3,5-Trimethylbenzene	ND	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	CTDOH.NE	09/15/2015 17:00 ELAC-NY10854,N#DE	09/16/2015 05:22 EP	ВК
71-43-2	Benzene	ND	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	строңие	09/15/2015 17:00 ELAC-NY10854,NJDE	09/16/2015 05:22 EP,PADEP	ВК
00-41-4	Ethyl Benzene	ND	ug/kg dry	2.7	5.4	I	EPA 8260C Certifications:	CTDOH.NE	09/15/2015 17:00 ELAC-NY10854,NJDE	09/16/2015 05;22 SP.PADEP	ВК
98-82-8	lsopropylbenzene	ND	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	CTDOILNE	09/15/2015 17:00 ELAC-NY10854.NJDE	09/16/2015 05:22 SP	BK
634-04-4	Methyl tert-butyl ether (MTBE)	ND	ug/kg dry	2.7	5.4	i	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 ELAC-NY10854,NIDE	09/16/2015 05:22 EP	ВК
91-20-3	Naphthalene	ND	ug/kg dry	2.7	11	I	EPA 8260C Certifications:	NELAC-N	09/15/2015 17:00 / 10854.NJDEP	09/16/2015 05:22	BK
104-51-8	n-Butylbenzene	ND	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 ELAC-NY10854,NJDE	09/16/2015 05:22 EP	ВК
03-65-1	n-Propylbenzene	ND	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 ELAC-NY 10854,NJDE	09/16/2015 05:22 EP	BK
95-47-6	o-Xylene	ND	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 ELAC-NY10854	09/16/2015 05:22	ВК
79601-23-1	p- & m- Xylenes	ND	ug/kg dry	5.4	11	ł	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 ELAC-NY10854	09/16/2015 05:22	ВК
9-87-6	p-Isopropyltoluene	ND	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 ELAC-NY10854,NIDE	09/16/2015 05:22 3P	вК
35-98-8	sec-Butylbenzene	ND	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	CTDOHNE	09/15/2015 17:00 ELAC-NY10854,NJDE	09/16/2015 05:22 EP	вк
8-06-6	tert-Butylbenzene	ND	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 ELAC-NY10854,NIDE	09/16/2015 05:22 EP	вк
08-88-3	Toluene	ND	ug/kg dry	2.7	5.4	I	EPA 8260C Certifications:	CTD0H,NE	09/15/2015 17:00 ELAC-NY10854,NJDE	09/16/2015 05:22 EP,PADEP	вк
330-20-7	Xylenes, Total	ND	ug/kg dry	8.2	16	1	EPA 8260C Certifications:	CTDOH.NE	09/15/2015 17:00 ELAC-NY10854,NJDF	09/16/2015 05:22 EP.PADEP	ВК
	Surrogate Recoveries	Result	Acce	ptance Ran	ge						
7060-07-0	Surrogate: 1,2-Dichloroethane-d4	113 %		77-125							
037-26-5	Surrogate: Toluene-d8	110 %		85-120							
60-00-4	Surrogate: p-Bromofluorobenzene	96.2 %		76-130							
<u>Semi-Volat</u>	tiles, CP-51 (formerly STARS) L	<u>.ist</u>		<u>Log-in</u>	Notes	VOA-G	CONT <u>Sam</u>	ple Note	<u>s:</u>		

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH D		STRATFOR		615			(203) 325-13		FAX (203) 357		



	Sample Information			
Client Sample ID: 5			York Sample ID:	15I0443-05
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
1510443	White Plains YMCA 250 Mamaroneck Ave White Plains	Soil	September 9, 2015 3:00 pm	09/14/2015

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference	c Method	Date/Time Prepared	Date/Time Analyzed	Analyst
3-32-9	Acenaphthene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH,NI	09/16/2015 14:10 ELAC-NY 10854,NJDE	09/17/2015 17:44 P,PADEP	КН
08-96-8	Acenaphthylene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH.N	09/16/2015 14:10 ELAC-NY 10854.NJDE	09/17/2015 17:44 P.PADEP	КН
20-12-7	Anthracene	ND		ug/kg dry	45 -	91	2	EPA 8270D Certifications:	СТДОН, И	09/16/2015 14:10 ELAC-NY 10854,NJDE	09/17/2015 17:44 P.P.A.DEP	КН
6-55-3	Benzo(a)antluracene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH,NI	09/16/2015 14:10 ELAC-NY10854,NJDE	09/17/2015 17:44 P.PADEP	КН
0-32-8	Benzo(a)pyrene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH.NI	09/16/2015 14:10 ELAC-NY 10854,NJDE	09/17/2015 [7:44 EP.PADEP	КН
05-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	строн, NI	09/16/2015 14:10 ELAC-NY10854,NJDE	09/17/2015 17:44 EP,PADEP	KH
91-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH,N	09/16/2015 14:10 ELAC-NY 10854,NJDE	09/17/2015 17:44 EP.PADEP	КН
07-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH,NI	09/16/2015 14:10 ELAC-NY10854,NIDE	09/17/2015 17:44 EP,PADEP	КН
18-01-9	Chrysene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications;	CTDOH,NI	09/16/2015 14:10 ELAC-NY 10854,NJDF	09/17/2015 17:44 SP,PADEP	КН
3-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH.NI	09/16/2015 14:10 ELAC-NY 10854,NJDE	09/17/2015 17:44 ER.PADEP	КН
06-44-0	Fluoranthene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	строн, и	09/16/2015 14:10 ELAC-NY 10854,NJDE	09/17/2015 17:44 EP,PADEP	KH
5-73-7	Fluorene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	NELAC-N	09/16/2015 14:10 Y 10854,NJDEP,PADEI	09/17/2015 17:44 P	КН
93-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH,N	09/16/2015 14:10 ELAC-NY 10854,NJDI	09/17/2015 17:44 EP.PADEP	КН
1-20-3	Naphthalene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH,N	09/16/2015 14:10 ELAC-NY 10854,NJDI	09/17/2015 17:44 SP	кн
5-01-8	Phenanthrene	ND		ug/kg dry	45	91	3	EPA 8270D Certifications:	CTDOH,N	09/16/2015 14:10 ELAC-NY10854,NJDI	09/17/2015 17:44 EP,PADEP	КН
29-00-0	Pyrene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH,N	09/16/2015 14:10 ELAC-NY 10854,NJD	09/17/2015 17:44 EP.PADEP	КН
	Surrogate Recoveries	Result		Acce	ptance Ran	ıge						
165-60-0	Surrogate: Nitrobenzene-d5	<i>22.</i> 4 %	S-08		10-95							
21-60-8	Surrogate: 2-Fluorobiphenyl	30.5 %			10-97							
718-51-0	Surrogate: Terphenyl-d14	42.2 %			19-99							
otal Solid	•				<u>Log-ir</u>	<u>1 Notes:</u>	V0A-0	CONT <u>Sar</u>	nple Note	<u>:s:</u>		
ample Prepared	by Method: % Solids Prep					Banastida				Data minur	Data #11	
CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference	e Method	Date/Time Prepared	Date/Time Analyzed	Analy

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Page 14 of 40

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Sample Information

			Sampie	morn	acion						
<u>Client Sa</u>	mple ID: 5								York Sample	<u>e ID:</u> 13	510443-05
York Proje	ect (SDG) No.	Client 1	Project ID			M	atrix	<u>Colle</u>	ction Date/Time	Date	e Received
1	510443 Wh	hite Plains YMCA 250 N	lamaroneck Ave W	hite Plains		5	Soil	Septembe	er 9, 2015 3:00	pm (09/14/201:
Total Solid	ds			Log-ir	1 Notes:	VOA-C	CONT Sai	nple Note	25:		
	ed by Method: % Solids Prep										
CAS N	o. Parameter	Result	Flag Units	LOD/MDL	Reported to LOQ	Dilution	Referenc	e Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.9	%	0.100	0.100	1	SM 2540G Certifications:	строн	09/15/2015 11:38	09/16/2015 12:06	КК
17. 1911. N. 2	en neta ta ta tata di tato neteti na pere neto ta	ne valon na slava sa salati na s	Sample					an a		Paragente da asing	u norma arre
Client Sar	mple ID: 6		Sampre						York Sample	<u>e ID:</u> 15	510443-0
<u>York Proje</u>	ect (SDG) No.	<u>Client I</u>	Project ID			M	atrix	<u>Colle</u>	ction Date/Time	Date	e Received
1	5I0443 Wh	ite Plains YMCA 250 N		hite Plains		S	loil	Septembe	er 9, 2015 3:00	pm ()9/14/2015
	rganics, CP-51 (formerly	STARS) List		<u>Log-ir</u>	<u>n Notes:</u>	VOA-C	CONT <u>Sai</u>	nple Note	<u>:s:</u>		
CAS No	ed by Method: EPA 5035A 0. Parameter	Result	Flag Units	Reported to LOD/MDL	LOQ	Dilution	D.C	e Method	Date/Time	Date/Time	
95-63-6	I,2,4-Trimethylbenzene	ND	ug/kg dry		5.5	l	EPA 8260C	e wielling	09/15/2015 (7:00	Analyzed 09/16/2015 06:04	Analyst BK
00 (2 0							Certifications:	CTD0H,N	ELAC-NY 10854,NJDE		
08-67-8	1,3,5-Trimethylbenzene	ND	ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	CTDOHN	09/13/2015 17:00 ELAC-NY10854,NJDI	09/16/2015 06:04 EP	вк
71-43-2	Benzene	ND	ug/kg dry	2,7	5,5	1	EPA 8260C Certifications;	CTD0H,N	09/15/2015 17:00 ELAC-NY10854,NJDI	09/16/2015 06:04 EP,PADEP	ВК
00-41-4	Ethyl Benzene	ND	ug/kg dry	2.7	5.5	I	EPA 8260C Certifications:	CTDONN	09/15/2015 17:00 ELAC-NY10854,NJDH	09/16/2015 06:04	ВК
98-82-8	Isopropylbenzene	ND	ug/kg dry	2.7	5.5	ł	EPA 8260C	CIDORN	09/15/2015 17:00	09/16/2015 06:04	BK
634-04-4	Methyl tert-butyl ether (MTBE	.) ND	ug/kg dry	2,7	5,5	1	Certifications: EPA 8260C	CTDOH,N	ELAC-NY10854,NJDI 09/15/2015 17:00	O9/16/2015 06:04	вк
	M La L			- *			Certifications:	CTDOH,N	ELAC-NY 10854, NJDI		
1-20-3	Naphthalene	ND	ug/kg dry	2.1	11	1	EPA 8260C Certifications:	NELAC-N	09/15/2015 17:00 Y10854.NJDEP	09/16/2015 06:04	ВК
04-51-8	n-Butylbenzene	ND	ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	CTDOH,N	09/15/2015 17:00 ELAC-NY10854,NJDI	09/16/2015 06:04 EP	ВК
03-65-1	n-Propylbenzene	ND	ug/kg dry	2,7	5.5	1	EPA 8260C Certifications:		09/15/2015 17:00 ELAC-NY10854,NJDI	09/16/2015 06:04	ВК
95-47-6	o-Xylene	ND	ug/kg dry	2.7	5.5	1	EPA 8260C		09/15/2015 17:00	09/16/2015 06:04	BK
79601-23-1	p- & m- Xylenes	ND	ug/kg dry	S.5	п	l	Certifications: EPA 8260C	CTDOHN	ELAC-NY 10854 09/15/2015 17:00	09/16/2015 06:04	вк
9-87-6					5 5		Certifications:	CTDOH,N	ELAC-NY10854	00/16/2016 06 01	
· 4 / •O	p-Isopropyltoluene	ND	ug/kg dry	4. I	5.5	l	EPA 8260C Certifications:	СТДОНЛИ	09/15/2015 17:00 ELAC-NY 10854,NJDI	09/16/2015 06:04 EP	вк
135-98-8	sec-Butylbenzene	ND	ug/kg dry	2.7	5,5	I	EPA 8260C Certifications:	CTDOH,N	09/15/2015 17:00 ELAC-NY 10854,NJDI	09/16/2015 06:04 EP	ВК
100	RESEARCH DRIVE	STRATFOR				(203) 325-	4974	$(ab_{i}b_{i}^{i})(1,\ldots,n_{i})=(1,a_{i}b_{i}^{i})(1,\ldots,n_{i})$	FAX (203) 35	7 0466	sto an ant solorisan salt

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FAX (203) 357-0166



Sample Information Client Sample ID: 6 York Sample ID: 1510443-06 York Project (SDG) No. Client Project ID <u>Matrix</u> Collection Date/Time Date Received 15I0443 White Plains YMCA 250 Mamaroneck Ave White Plains Soil September 9, 2015 3:00 pm 09/14/2015 Log-in Notes: VOA-CONT Sample Notes: Volatile Organics, CP-51 (formerly STARS) List Sample Prepared by Method: EPA 5035A Reported to LOD/MDL Date/Time Date/Time Dilution Reference Method CAS No. Parameter Result Flag Units 1.00 Prepared Analyzed Analyst 98-06-6 tert-Butylbenzene ND ug/kg dry 2.7 5.5 EPA 8260C 09/15/2015 17:00 09/16/2015 06:04 ВK 1 Certifications: CTDOH,NELAC-NY10854,NIDEP 09/15/2015 17:00 108-88-3 ND EPA 8260C 09/16/2015 06:04 Toluene ug/kg dry 2.7 5.5 1 ВΚ

ug/kg dry

8.2

Acceptance Range

77-125

85-120

76-130

16

1330-20-7 Xylenes, Total ND Surrogate Recoveries Result 17060-07-0 Surrogate: 1,2-Dichloroethane-d4 1/14 % 2037-26-5 Surrogate: Toluene-d8 1/10 % 460-00-4 Surrogate: p-Bromofluorobenzene 92.4 %

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Semi-Volatiles, CP-51 (formerly STARS) List

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes: VOA-CONT Sample Notes:

1

Certifications:

EPA 8260C

Certifications:

CTDOH,NELAC-NY 10854,NJDEP,PADEP

CTDOH,NELAC-NY 10854,NJDEP,PADEP

09/15/2015 17:00

09/16/2015 06:04

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CAS No.	Parameter	Result	Flag Units	Reported to LOD/MDL		Dilution	Reference		Time pared	Date/Time Analyzed	Analys
3 -32-9	Acenaphthene	ND	ug/kg dry	46	91	2	EPA 8270D Certifications:	09/16/20 CTDOH,NELAC-NY I	15 14;10 0854,NJDI	09/17/2015 18:18 P.PADEP	КН
08-96-8	Acenaphthylene	ND	ug/kg dry	46	91	2	EPA 8270D Certifications:	09/16/20 CTDOH,NELAC-NY I	15 14:10 0854,NJDI	09/17/2015 18:18 P.PADEP	КН
20-12-7 A	Anthracene	ND	ug/kg dry	46	91	2	EPA 8270D Certifications:	09/16/20 CTDOH,NELAC-NY I	15 14:10 0854,NJDI	09/17/2015 18:18 EP,PADEP	Кң
6-55-3 E	Benzo(a)anthracene	ND	ug/kg dry	46	91	2	EPA 8270D Certifications:	09/16/20 CTDOH,NELAC-NYI	15 14:10 0854,NJDI	09/17/2015 18:18 EP.PADEP	КH
0-32-8 E	Benzo(a)pyrene	ND	ug/kg dry	46	91	2	EPA 8270D Certifications:	09/16/20 CTDOH,NELAC-NY I		09/17/2015 18:18 EP,PADEP	КН
05-99-2 E	Benzo(b)fluoranthene	ND	ug/kg dry	46	91	2	EPA 8270D Certifications:	09/16/20 CTDOH,NELAC-NYI	015 14:10 0854,NJDI	09/17/2015 18:18 EP,PADEP	КН
91-24-2 E	Benzo(g,h,i)perylene	ND	ug/kg dry	46	91	2	EPA 8270D Certifications:	09/16/20 CTDOH,NELAC-NYI	115 14:10 0854,NJDI	09/17/2015 18:18 EP,PADEP	КН
07-08-9 <u>F</u>	Benzo(k)fluoranthene	ND	ug/kg dry	46	91	2	EPA 8270D Certifications:	09/16/20 CTDOH,NELAC-NYI	115 14:10 0854,NJD1	09/17/2015 18:18 EP,PADEP	КН
18-01-9 (Chrysene	ND	ug/kg dry	46	91	2	EPA 8270D Certifications:	09/16/20 CTDOH,NELAC-NY1	015 14;10 0854,NJDI	09/17/2015 18:18 EP.PADEP	КН
3-70-3 I	Dibenzo(a,h)anthracene	ND	ug/kg dry	46	91	2	EPA 8270D Certifications:	09/16/20 CTDOH,NELAC-NY1	015 14:10 0854,NJD)	09/17/2015 18:18 EP,PADEP	КН
06-44-0 F	Fluoranthene	ND	ug/kg dry	46	91	2	EPA 8270D Certifications:	09/16/20 CTDOH,NELAC-NYI	015 14:10 10854,NJD1	09/17/2015 18:18 EP,PADEP	КН
6-73-7 E	Fluorene	ND	ug/kg dry	46	91	2	EPA 8270D Certifications:	09/16/20 NELAC-NY 10854,NJ	015 14:10 DEP,PADE	09/17/2015 18:18 P	КН
93-39-5 I	Indeno(1,2,3-cd)pyrene	ND	ug/kg dry	46	91	2	EPA 8270D Certifications:	09/16/20 CTDOH,NELAC-NY	015 14:10 10854,NJD	09/17/2015 18:18 EP,PADEP	КН
1-20-3	Naphthalene	ND	ug/kg dry	46	91	2	EPA 8270D Certifications:	09/16/20 CTDOH,NELAC-NY	015-14:10 10854 NTD	09/17/2015 18:18	КН

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					Sample	Inform	ation						
<u>Client S</u>	ample ID:	6									York Sampl	<u>e ID:</u> 1	510443-00
York Pro	pject (SDG) N	<u>No.</u>	Client	Project I	D			M	atrix	Colle	ction Date/Time	Da	te Received
	1510443	W	hite Plains YMCA 250	Mamaron	eck Ave W	hite Plains		S	Soil	Septembe	er 9, 2015 3:00	pm	09/14/2015
		<u>51 (formerly S</u> EPA 3546 SVOA	TARS) List			<u>Log-in</u>	Notes:	VOA-C	CONT <u>San</u>	iple Note	:5:		
CAS	No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	roð	Dilution	Referenc	e Method	Date/Time Prepared	Date/Time Analyzed	Analyst
35-01-8	Phenanthro	ene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications:	CTDOH,NI	09/16/2015 14:10 ELAC-NY10854,NJDI	09/17/2015 18:18 EP,PADEP	КН
29-00-0	Pyrene		ND		ug/kg dry	46	91	2	EPA 8270D Certifications:	CTDOLLN	09/16/2015 14:10 ELAC-NY 10854,NJDI	09/17/2015 18;18 EP.PADEP	кн
		Surrogate Recov	veries Result		Acce	ptance Ran	ge						
1165-60-0	Surrogate:	: Nitrobenzene-d5	35.9 %			10-95							
321-60-8	Surrogate:	: 2-Fluorobiphenyl	35.6%			10-97							
1718-51-0	Surrogate:	: Terphenyl-d14	38.6 %			19-99							
Total Sol	<u>lids</u> ared by Method: '	% Solide Pren				<u>Log-in</u>	Notes:	VOA-C	CONT <u>San</u>	<u>iple Note</u>	<u>:s:</u>		
CAS		Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference	e Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solid	ls	91.6		%	0,100	0.100	1	SM 2540G Certifications:	строн	09/15/2015 11:38	09/16/2015 12:06	і КК
A 19 12 17 (20 12 13	e tra systematics at	n forfitigitan a francia de la serve				Inform		ina et att		lele ettor bor r		autusantarta da nga	n e ang siyan s
Client S	ample ID:	7									York Sampl	<u>e ID:</u> 1	510443-0
Chento										_		-	
	oject (SDG) N	<u>No.</u>	Client	Project II	<u>D</u>			M	atrix	<u>Colle</u>	ction Date/Time	Dat	e Received

Volatile Organics, CP-51 (formerly STARS) List Sample Prepared by Method: EPA 5035A

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CAS No.	. Parameter	Result	Flag Units	Reported to LOD/MDL	LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND	ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	CTD0H,NI	09/15/2015 17:00 ELAC-NY10854,NJDI	09/16/2015 06:46 EP	BK
108-67-8	1,3,5-Trimethylbenzene	ND	ug/kg dry	2.7	5.5	۱	EPA 8260C Certifications:	CTDOH,NI	09/15/2015 17:00 ELAC-NY10854,NJDI	09/16/2015 06:46 SP	ВҚ
71-43-2	Benzene	ND	ug/kg dry	2.7	5.5	l	EPA 8260C Certifications:	CTD0H,NI	09/15/2015 17:00 ELAC-NY 10854,NJDI	09/16/2015 06:46 EP,PADEP	BK
100-41-4	Ethyl Benzene	ND	ug/kg dry	2,7	5,5	l	EPA 8260C Certifications:	CTDOH,N	09/15/2015 17:00 ELAC-NY 10854,NJDI	09/16/2015 06:46 EP.PADEP	ВК
98-82-8	Isopropylbenzene	ND	ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	CTD0H,NI	09/15/2015 17:00 ELAC-NY10854,NJDI	09/16/2015 06:46 SP	ВК
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	CTD0H,NI	09/15/2015 17:00 ELAC-NY10854,NJDI	09/16/2015 06:46 3P	ВК
91-20-3	Naphthalene	ND	ug/kg dry	2.7	11	1	EPA 8260C Certifications:	NELAC-N	09/15/2015 17:00 /10854.NJDEP	09/16/2015 06:46	ВК
120	RESEARCH DRIVE	STRATFORD, (CT 06615		······································	(203) 325-	1371		FAX (203) 35	7-0166	angan

Log-in Notes: VOA-CONT Sample Notes:



			Sample	Informat	on					
Client Sar	mple ID: 7							York Sample	<u>ID:</u> 15	I044 3- 07
<u>York Proje</u>	ct (SDG) No.	Client P	roject ID		M	latrix	Collect	ion Date/Time	Date	Received
!	1510443	White Plains YMCA 250 M	amaroneck Ave Wi	hite Plains	5	Soil	September	9,2015 3:00	pm 0	9/14/2015
	rganics, CP-51 (forme ed by Method: EPA 5035A	erly STARS) List		<u>Log-in N</u>	otes: VOA-C	CONT <u>Sam</u>	ple Notes:			
CAS No	o. Parame	ter Result	Flag Units	Reported to LOD/MDL L	DQ Dilution	Reference	e Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND	ug/kg dry	2.7 5	5 1	EPA 8260C Certifications:		09/15/2015 17:00 AC-NY10854,NJDE	09/16/2015 06:46 P	ВК
103-65-1	n-Propylbenzene	ND	ug/kg dry	2.7 5	5 1	EPA 8260C Certifications:		09/15/2015 17:00 AC-NY10854,NJDE	09/16/2015 06:46 P	ВК
95-47-6	o-Xylene	ND	ug/kg dry	2.7 5	5 1	EPA 8260C Certifications:		09/15/2015 17:00 AC-NY 10854	09/16/2015 06;46	BK.
179601-23-1	p- & m- Xylenes	ND	ug/kg dry	5.5 1	I	EPA 8260C Certifications:		09/15/2015 17:00 AC-NY10854	09/16/2015 06:46	BK
99-87-6	p-Isopropyltoluene	ND	ug/kg dry	2.7 5	5 1	EPA 8260C Certifications:		09/15/2015 17:00 AC-NY 10854,NJDE	09/16/2015 06:46 P	вк
135-98-8	sec-Butylbenzene	ND	ug/kg dry	2.7 5	5 1	EPA 8260C Certifications:		09/15/2015 17:00 AC-NY 10854,NJDE	09/16/2015 06:46 P	ВК
98-06-6	tert-Butylbenzene	ND	ug/kg dry	2.7 5	5 1	EPA 8260C Certifications:		09/15/2015 17:00 AC-NY 10854,NJDE	09/16/2015 06:46 P	ВК
108-88-3	Toluene	ND	ug/kg dry	2.7 5	5 1	EPA 8260C Certifications:		09/15/2015 17:00 AC-NY 10854,NJDE	09/16/2015 06:46 P.PADEP	BK
1330-20-7	Xylenes, Total	ND	ug/kg dry	8.2 1	i 1	EPA 8260C Certifications:		09/15/2015 17:00 AC-NY 10854,NJDE	09/16/2015 06:46 P,PADEP	ВК

	Surrogate Recoveries	Result	Acceptance Range
l 7060-07-0	Surrogate: 1,2-Dichloroethane-d4	114 %	77-125
2037-26-5	Surrogate: Toluene-d8	107 %	85-120
460-00-4	Surragate: p-Bromofluorobenzene	92.3 %	76-130

Semi-Volatiles, CP-51 (formerly STARS) List Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes: VOA-CONT Sample Notes:

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CAS No.	Parameter	Result	Flag Units	Reported to LOD/MDL	LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaplithene	ND	ug/kg dry	46	91	2	EPA 8270D Certifications:	CTDOWN	09/16/2015 14:10 ELAC-NY10854,NJDI	09/17/2015 18:51	КН
208-96-8	Acenaphthylene	ND	ug/kg dry	46	91	2	EPA 8270D Certifications:		09/16/2015 14:10 ELAC-NY10854,NJDI	09/17/2015 18:51	кн
120-12-7	Anthracene	ND	ug/kg dry	46	91	2	EPA 8270D Certifications:	строни	09/16/2015 (4:10 ELAC-NY 10854,NJD)	09/17/2015 18:51 EP,PADEP	КН
56-55-3	Benzo(a)anthracene	ND	ug/kg dry	46	91	2	EPA 8270D Certifications:	строн, и	09/16/2015 14:10 ELAC-NY 10854,NJDI	09/17/2015 18:51 EP,PADEP	КН
50-32-8	Benzo(a)pyrene	ND	ug/kg dry	46	91	3	EPA 8270D Certifications:	CTD0H,N	09/16/2015 14:10 ELAC-NY10854,NJD	09/17/2015 18:51 EP,PADEP	кн
205-99-2	Benzo(b)fluoranthene	ND	ug/kg dry	46	91	2	EPA 8270D Certifications:	CTDOH,N	09/16/2015 14:10 ELAC-NY10854,NJD:	09/17/2015 18:51 EP,PADEP	КН
191-24-2	Benzo(g,h,i)perylene	ND	ug/kg dry	46	91	2	EPA 8270D Certifications:	CTDOH,N	09/16/2015 14:10 ELAC-NY10854,NJD	09/17/2015 18:51 EP,PADEP	КН
207-08-9	Benzo(k)fluoranthene	ND	ug/kg dry	46	91	2	EPA 8270D Certifications:	CTDOH,N	09/16/2015 14:10 ELAC-NY10854,NJD	09/17/2015 18:51 EP,PADEP	КН
120 1	RESEARCH DRIVE	STRATFORE), CT 06615		e e	(203) 325-	1371		FAX (203) 35	7-0166	



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				Dampie	Inform	ación						
<u>Client Sam</u>	ple ID: 7									York Sample	<u>e ID:</u> 15	510443-07
York Project	t (SDG) No.	Clie	nt Project II	2			M	atrix	Colle	ction Date/Time	Date	Received
		White Plains YMCA 25	• • • • • • • • •	-	uite Plains			oil		er 9, 2015 3:00		9/14/2015
									•		<u> </u>	
Semi-Volat	iles, CP-51 (formerly S	STARS) List			<u>Log-in</u>	Notes:	VOA-C	ont <u>San</u>	ipie Note	<u>s:</u>		
ample Prepared	l by Method: EPA 3546 SVOA											
CAS No.	Paramete	r Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Referenc	e Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18-01-9	Chrysene	ND		ug/kg dry	46	91	2	EPA 8270D Cortifications:	CTD0H,NI	09/16/2015 14:10 ELAC-NY10854,NJDI	09/17/2015 18:51 EP,PADEP	КН
3-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications:	CTDOHNI	09/16/2015 14:10 ELAC-NY 10854,NJDI	09/17/2015 18:51	КН
06-44-0	Fluoranthene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications:	CTD0H,NI	09/16/2015 14:10 ELAC-NY 10854,NJDI	09/17/2015 18:51 EP.PADEP	КН
6-73-7	Fluorene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications:	NELAC-N	09/16/2015 14:10 Y10854,NIDEP,PADE	09/17/2015 18:51 P	КН
93-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications:		09/16/2015 14:10 ELAC-NY10854,NJDI	09/17/2015 18:51	КН
1-20-3	Naphthalene	ND		ug/kg dry	46	91	2	EPA \$270D Certifications:		09/16/2015 14:10 ELAC-NY10854,NJDI	09/17/2015 18:51	КН
5-01-8	Phenanthrene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications:		09/16/2015 14:10 ELAC-NY10854,NJDI	09/17/2015 18:51	КН
29-00-0	Pyrene	ND		ug/kg dry	46	91	2	EPA \$270D Certifications:		09/16/2015 14:10 ELAC-NY 10854,NJDI	09/17/2015 18;51	КН
	Surrogate Reco	overies Result		Acce	ptance Ran	ge						
165-60-0	Surrogate: Nitrohenzene-d5				10-95	Ň						
21-60-8	Surrogate: 2-Fluorobipheny	1 35.7%			10-97							
718-51-0	Surrogate: Terphenyl-d14	42.5 %			19-99	·						
Cotal Solid	s				Log-in	Notes:	VOA-C	ONT San	aple Note	s:		
	≃ I by Method: % Solids Prep											
CAS No.	Paramete	r Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Referenc	e Method	Date/Time Prepared	Date/Time Analyzed	Analyst
olids	* % Solids	91.6		%	0.100	0.100	l	SM 2540G Certifications:	CTDOH	09/15/2015 11:38	09/16/2015 12:06	КК
						urvia arre		e versenser og en er er	en sedatativa			a: tr iailista
entre companyes	und de les esterios de la sector		na se									
erti ente <u>a</u> per	un a de vez est de bris extres de s			Sample	Inform	ation						
<u>Client Sam</u>					Inform	ation				York Sampl	<u>e ID:</u> 1:	510443-08
<u>Client Sam</u>				Sample	Inform	ation	M	<u>atrix</u>	Colle	York Sampl		510443-08 = Received

CAS No	. Parameter	Result	Flag Uni	ts LODIM	DL LOQ	Dilution	Reference	Method	Ргерагео	Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND	ug/k	g dry 2.7	5.4	1	EPA 8260C	·	09/15/2015 17:00	09/16/2015 07:29	ВК
							Certifications:		ELAC-NY 10854, NJDI		
120	RESEARCH DRIVE	STRATFOR	D, CT 06615			(203) 325-	1371		FAX (203) 35		



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York Sample ID:

1510443-08

Sample Information

Client Sample ID: 8

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York Project (SDG) No.	Client Project ID	<u>Matrix</u>	Collection Date/Time	Date Received
1510443	White Plains YMCA 250 Mamaroneck Ave White Plains	Soil	September 9, 2015 3:00 pm	09/14/2015

Sample Prepared	d by Method; EPA 5035A											
CAS No.	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	CTDOH,N	09/15/2015 17:00 ELAC-NY 10854,NJDB	09/16/2015 07:29 SP	ВК
71-43-2	Benzene	ND		ug/kg dry	<u>2</u> .7	5.4	I	EPA 8260C Certifications:	строн, и	09/15/2015 17:00 ELAC-NY 10854,NJDE	09/16/2015 07:29 ER.PADEP	вк
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	I	EPA 8260C Certifications:	строн, и	09/15/2015 17:00 ELAC-NY 10854.NJDE	09/16/2015 07:29 SP.PADEP	ВК
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	CTDOH,N	09/15/2015 17:00 ELAC-NY 10854,NJDI	09/16/2015 07:29 EP	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	CTDOH,N	09/15/2015 17:00 ELAC-NY 10854,NJDI	09/16/2015 07:29 EP	BK
91-20-3	Naphthalene	ND		ug/kg dry	27	11	1	EPA 8260C Certifications:	NELAC-N	09/15/2015 17:00 Y10854,NIDEP	09/16/2015 07:29	ВК
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4		EPA 8260C Certifications:	CTDOH,N	09/15/2015 17:00 ELAC-NY10854,NJDI	09/16/2015 07:29 EP	ВК
103-65-1	n-Propyibenzene	ND		ug/kg dry	2.7	5.4	ı	EPA 8260C Certifications:	CTDOH,N	09/15/2015 17:00 ELAC-NY10854,NJD8	09/16/2015 07:29 EP	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	L	EPA 8260C Certifications:	CTDOH,N	09/15/2015 17:00 ELAC-NY 10854	09/16/2015 07:29	ВК
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	CTDOH,N	09/15/2015 17:00 ELAC-NY 10854	09/16/2015 07:29	ВК
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	CTDOH.N	09/15/2015 17:00 ELAC-NY 10854,NJDI	09/16/2015 07;29 EP	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	ı	EPA 8260C Certifications:	CTDOH N	09/15/2015 17:00 ELAC-NY10854,NJDI	09/16/2015 07:29 EP	ВК
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	I	EPA 8260C Certifications:	строн, м	09/15/2015 17:00 ELAC-NY 10854,NJD	09/16/2015 07:29 EP	ВК
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	I	EPA 8260C Certifications:	строну	09/15/2015 17:00 ELAC-NY 10854,NJD	09/16/2015 07:29 EP.PADEP	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.1	16	1	EPA 8260C Certifications:	CTDOH,N	09/15/2015 17:00	09/16/2015 07:29 EP,PADEP	BK
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	114 %			- 77-125							
2037-26-5	Surrogate: Toluene-d8	109 %			85-120							
460-00-4	Surrogate: p-Bromofluorobenzene	96.4%			76-130							

Semi-Volatiles, CP-51 (formerly STARS) List

Sample Prepared by Method: EPA 3546 SVOA Reported to LOD/MDL Date/Time Date/Time Flag CAS No. Parameter Result Units L00 Dilution **Reference** Method Prepared Analyzed Analyst 09/17/2015 19:25 09/16/2015 14:10 кн 83-32-9 ug/kg dry Acenaphthene NÐ 45 91 2 EPA 8270D CTDOH,NELAC-NY10854,NIDEP,PADEP Certifications: 208-96-8 ND ug/kg dry 45 91 2 EPA 8270D 09/16/2015 14:10 09/17/2015 19:25 КН Acenaphthylene CTDOH, NELAC-NY 10854, NJDEP, PADEP Certifications:

Log-in Notes:

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(203) 325-1371

VOA-CONT

Sample Notes:

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			2	Sample	Inform	ation						
<u>Client Sa</u>	mple ID: 8									York Sample	<u>e ID:</u> 15	10443-08
York Proj	ect (SDG) No.	Client P	roject IE	<u>)</u>			<u>M</u>	<u>atrix</u>	Colle	ction Date/Time	Date	Received
	1510443 White Plair	18 YMCA 250 M	amarone	ck Ave W	hite Plains		S	Soil	Septemb	er 9, 2015 3:00	pm C	9/14/2015
									<u>^</u>			
Semi-Vol:	atiles, CP-51 (formerly STARS) I	ist			Log-in	Notes:	VOA-C	CONT San	nple Note	s:		
	ed by Method: EPA 3546 SVOA	2100								_		
CASN	0. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Referenc	e Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH N	09/16/2013 14:10 ELAC-NY10854,NJDI	09/17/2015 19:25	КН
56-55-3	Benzo(a)antitracene	ND		ug/kg dry	45	91	2	EPA 8270D	C120101	09/16/2015 14:10	09/17/2015 19:25	кн
	(.),							Certifications:	CTDOH,N	ELAC-NY 10854,NJD	EP,PADEP	
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOUN	09/16/2015 14:10 ELAC-NY10854,NJDE	09/17/2015 19:25	КH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45	91	2	EPA 8270D	CIDONN	09/16/2015 14:10	09/17/2015 19:25	кн
	Delizatojituorandiene	ND		1919 wy	10		-	Certifications:	CTDOH,N	ELAC-NY10854,NIDE		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45	91	2	EPA 8270D		09/16/2015 14:10	09/17/2015 19:25	КН
202.00.0					15	01	2	Certifications:	CTDOH,N	ELAC-NY 10854,NJDI		
207-08-9	Benzo(k)fluoranthene	DИ		ug/kg dry	45	91	4	EPA 8270D Certifications:	CTDOH.N	09/16/2015 14:10 ELAC-NY10854,NJDI	09/17/2015 19:25 EP,PADEP	KH
218-01-9	Chrysene	ND		ug/kg dry	45	91	2	EPA 8270D		09/16/2015 14:10	09/17/2015 19:25	КН
								Certifications:	CTDOH,N	ELAC-NY 10854,NJDI	EP,PADEP	
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDONN	09/16/2015 14:10 ELAC-NY 10854,NJDI	09/17/2015 19:25	КН
206-44-0	Fluoranthene	ND		ug/kg dry	45	91	2	EPA 8270D	CIDORA	09/16/2015 14:10	09/17/2015 19:25	КН
	raoranuene	ND		-55			-	Certifications:	CTDOH,N	ELAC-NY10854,NJDI		101
86-73-7	Fluorene	ND		ug/kg dry	45	91	2	EPA 8270D		09/16/2015 14:10	09/17/2015 19:25	КH
								Certifications:	NELAC-N	Y 10854, NJDEP, PADE		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOHN	09/16/2015 14:10 ELAC-NY 10854,NIDI	09/17/2015 19:25 EP PADEP	КН
91-20-3	Naphthalene	ND		ug/kg dry	45	91	2	EPA 8270D	0.00.0	09/16/2015 14:10	09/17/2015 19:25	кн
								Certifications:	CTDOH,N	ELAC-NY 10854,NJDI	EP	
85-01-8	Phenanthrene	ND		ug/kg dry	45	91	2	EPA 8270D		09/16/2015 14:10	09/17/2015 19:25	КН
100.00.0		110			45	91	2	Certifications:	СТВОН, №	ELAC-NY 10854, NIDI		
129-00-0	Pyrene	DИ		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH,N	09/16/2015 14:10 ELAC-NY 10854,NJDI	09/17/2015 19:25 EP.PADEP	КН
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
4165-60-0	Surrogate: Nitrobenzene-d5	52.0 %			10-95							
321-60-8	Surrogate: 2-Fluorobiphenyl	44.] %			10-97							

Total Solids

[718-51-0

Sample Prepared by Method: % Solids Prep

Surrogate: Terphenyl-d14

Log-in Notes: VOA-CONT Sample Notes:

CAS	No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution		Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids		92.1		%	0.100	0.100	I	SM 2540G		09/15/2015 11:38	09/16/2015 12:06	КК
									Certifications:	CTDOH			

19-99

49.0 %

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	5	Sample Information			
Client Sample ID: 9				York Sample ID:	1510443-09
York Project (SDG) No.	Client Project IE	2	<u>Matrix</u>	Collection Date/Time	Date Received
15I0443	White Plains YMCA 250 Mamarone	ck Ave White Plains	Soil	September 9, 2015 3:00 pm	09/14/2015
Volatile Organics, CP-51 (f	ormerly STARS) List	Log-in Notes:	VOA-CONT	Sample Notes:	
Sample Prepared by Method. EPA 5035A					

CAS No.	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analy
95-63-6	1.2.4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 LAC-NY 10854,NJDI	09/16/2015 08:11 EP	ВК
108-67-8	1,3,5-Trimethylbenzene	סא		ug/kg dry	2.7	S. S	1	EPA 8260C Certifications:	CTDOH.NE	09/15/2015 17:00 LAC-NY 10854,NJDE	09/16/2015 08:11 EP	ВК
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	L	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 LAC-NY 10854,NJDE	09/16/2015 08:11 EP,PADEP	вк
100-41-4	Ethyl Benzenc	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 LAC-NY 10854,NJDI	09/16/2015 08:11 EP.PADEP	вк
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.5	ł	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 LAC-NY 10854,NJDI	09/16/2015 08:11 EP	ВК
634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	i	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 LAC-NY 10854,NJDI	09/16/2015 08:11 EP	ВК
91-20-3	Naphthalene	ND		ug/kg dry	3.7	11		EPA 8260C Certifications:	NELAC-N	09/15/2015 17:00 10854,NJDEP	09/16/2015 08:11	вк
04-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.5	I	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 LAC-NY 10854,NJDI	09/16/2015 08:11 EP	ВК
03-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.5	I	EPA 8260C Certifications:	CTD0H,NE	09/15/2015 17:00 LAC-NY 10854,NJDE	09/16/2015 08.11 EP	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.7	5.5	1	EPA 8260C Certifications:	CTDOH.NE	09/15/2015 17:00 LAC-NY 10854	09/16/2015 08:11	ВК
79601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 LAC-NY10854	09/16/2015 08:11	BK
9-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 LAC-NY10854,NJDI	09/16/2015 08:11 EP	вк
35-98-8	sec-Butylbenzene	סא		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 LAC-NY10854,NJD1	09/16/2015 08:11 EP	BK
8-06-6	tert-Butylbenzene	ND		ug/kg dry	27	5.5	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 LAC-NY 10854,NJDI	09/16/2015 08:11 EP	BK
08-88-3	Toluene	ND		ug/kg dry	2.7	5.5	ι	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 LAC-NY 10854,NJDI	09/16/2015 08:11 EP,PADEP	ВК
330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 17:00 LAC-NY 10854,NJDI	09/16/2015 08:11 EP.PADEP	BK
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
7060-07-0	Surrogate: 1,2-Dichloroethanc-d4	116 %			77-125							
2037-26-5	Surrogate: Toluene-d8	110 %			85-120							
160-00-4	Surrogate: p-Bromofluorobenzene	91.0 %			76-130							

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:	VOA-CONT	<u>Sam</u>
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-CONT Sample Notes:

Sample Prepared	l by Method	: EPA 3546 SVOA	

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Client Sample ID: 9			York Sample ID:	1510443-09
York Project (SDG) No.	Client Project ID	<u>Matrix</u>	Collection Date/Time	Date Received
1510443	White Plains YMCA 250 Mamaroneck Ave White Plains	Soil	September 9, 2015 3:00 pm	09/14/2015

	tiles, CP-51 (formerly STARS) I								ple Note:	_		
CAS No	ed by Method: EPA 3546 SVOA	Result	Flag U		Reported to LOD/MDL	LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	បរ្	g/kg dry	46	91	2	EPA 8270D Certifications:	CTDOH,NE	09/16/2015 14:10 LAC-NY10854,NJDI	09/17/2015 19:58 EP,PADEP	КН
208-96-8	Acenaphthylene	ND	սչ	g/kg dry	46	91	2	EPA 8270D Certifications:	CTDOH.NE	09/16/2015 14:10 LAC-NY 10854,NJDI	09/17/2015 19:58 P.PADEP	KH
120-12-7	Anthracene	ND	นโ	y/kg dry	46	91	2	EPA 8270D Certifications:	CTDOH,NE	09/16/2015 14:10 LAC-NY10854,NJDI	09/17/2015 19:58 EP,PADEP	КН
56-55-3	Benzo(a)anthracene	ND	ນຮູ	g/kg dry	46	91	1	EPA 8270D Certifications:	CTDOH.NE	09/16/2015 14:10 LAC-NY 10854,NJDI	09/17/2015 19:58 SP.PADEP	КН
50-32-8	Benzo(a)pyrene	ND	បរ្	g/kg dry	46	91	2	EPA 8270D Certifications:	CTDOH.NE	09/16/2015 14:10 LAC-NY10854,NJDE	09/17/2015 19:58 EP.PADEP	КН
205-99-2	Benzo(b)fluoranthene	ND	បរ្	g/kg dry	46	91	2	EPA 8270D Certifications:	CTDOH,NE	09/16/2015 14:10 LAC-NY10854,NJDE	09/17/2015 19:58 ER.PADEP	КН
191-24-2	Benzo(g,h,i)perylene	ND	uţ	g/kg dry	46	91	2	EPA 8270D Certifications:	CTDOHNE	09/16/2015 14:10 LAC-NY10854,NJDE	09/17/2015 19:58 ERPADEP	КН
207-08-9	Benzo(k)fluoranthene	ND	ug	g/kg dry	46	91	2	EPA 8270D Certifications:	CTDOH,NE	09/16/2015 14:10 LAC-NY10854,NJDE	09/17/2015 19:58 EP.PADEP	КН
218-01-9	Chrysene	ND	սջ	g/kg dry	46	91	2	EPA 8270D Certifications:	CTDOH,NE	09/16/2015 14:10 LAC-NY 10854,NJDE	09/17/2015 19:58 EP,PADEP	КH
53-70-3	Dibenzo(a,h)anthracene	ND	ug	g/kg dry	46	91	2	EPA 8270D Certifications:	CTDOH,NE	09/16/2015 14:10 LAC-NY10854,NJDE	09/17/2015 19:58 P.PADEP	КН
206-44-0	Fluoranthene	ND	uş	g∕kg dry	46	91	2	EPA 8270D Certifications:	CTDOH,NE	09/16/2015 14:10 LAC-NY 10854,NJDE	09/17/2015 19:58 EP,PADEP	КН
36-73-7	Fluorene	ND	u	g∕kg dry	46	91	2	EPA 8270D Certifications:	NELAC-NY	09/16/2015 14:10 10854,NJDEP,PADE	09/17/2015 19:58 P	КН
93-39-5	Indeno(1,2,3-cd)pyrene	ND	ug	g/kg dry	46	91	2	EPA 8270D Certifications:	CTDOH,NE	09/16/2015 14:10 LAC-NY10854,NJDE	09/17/2015 19:58 SP.PADEP	КН
91-20-3	Naphthalene	ND	ug	g/kg dry	46	91	2	EPA 8270D Certifications:	CTDOH,NE	09/16/2015 14:10 LAC-NY 10854,NJDE	09/17/2015 19:58 EP	КН
35-01-8	Phenanthrene	ND	ug	g/kg dry	46	91	2	EPA 8270D Certifications:	CTDOH,NE	09/16/2015 14:10 LAC-NY 10854,NJDE	09/17/2015 19:58 ERPADEP	КН
29-00-0	Pyrene	ND	ប្	g/kg dry	46	91	2	EPA 8270D Certifications:	CTDOH.NE	09/16/2015 14:10 LAC-NY 10854.NJDI	09/17/2015 19:58 SRPADEP	КН
	Surrogate Recoveries	Result		Accep	tance Ran	ge						
165-60-0	Surrogate: Nitrobenzene-d5	51.6%			10-95							
321-60-8 1718-51-0	Surrogate: 2-Fluorobiphenyl Surrogate: Terphenyl-d14	39.8 % 41.2 %			10-97 19-99							
<u>Total Solid</u>	<u>ls</u>				Log-in	Notes:	VOA-C	ONT <u>Sam</u>	ple Note:	<u>s:</u>		
Sample Prepare	d by Method: % Solids Prep											
CAS No	. Parameter	Result	Flag U	nits	LOD/MDL	Reported to LOQ	Dilution	Reference	Mathod	Date/Time Prepared	Date/Time Analyzed	Analys

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Page 23 of 40



Sample Information Client Sample ID: 9 York Sample ID: 1510443-09 Collection Date/Time York Project (SDG) No. Client Project ID <u>Matrix</u> Date Received White Plains YMCA 250 Mamaroneck Ave White Plains Soil September 9, 2015 3:00 pm 09/14/2015 1510443 Log-in Notes: VOA-CONT Sample Notes: **Total Solids** Sample Prepared by Method: % Solids Prep Reported to Date/Time Date/Time CAS No. Result Flag Units LOD/MDL LOQ Dilution **Reference** Method Prepared Analyzed Analyst Parameter SM 2540G 09/15/2015 11:38 09/16/2015 12:06 кк solids * % Solids % 0.100 0.100 91.5 строн Certifications: Nor Long as re Sample Information York Sample ID: Client Sample ID: 10 1510443-10 York Project (SDG) No. Client Project ID Matrix Collection Date/Time Date Received 15I0443 White Plains YMCA 250 Mamaroneck Ave White Plains Soil September 9, 2015 3:00 pm 09/14/2015

Volatile Organics, CP-51 (formerly STARS) List

Sample Prepared by Method: EPA 5035A

Log-in Notes: VOA-CON

Т	Sam	ple	Notes:	

CAS No.	. Parameter	Result Flag	g Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH.	09/15/2015 17:00 ELAC-NY 10854,NJD	09/16/2015 08:52 EP	вК
108-67-8	l,3,5-Trimethylbenzene	ND	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,I	09/15/2015 17:00 VELAC-NY 10854,NJD	09/16/2015 08:52 EP	ВК
71-43-2	Benzene	ND	ug/kg dry	2.7	5.4	I	EPA 8260C Certifications: CTDOH,	09/15/2015 17:00 VELAC-NY 10854,NJD	09/16/2015 08:52 EP,PADEP	ВК
100-41-4	Ethyl Benzene	ND	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,	09/15/2015 17:00 NELAC-NY 10854,NJD	09/16/2015 08:52 EP.PADEP	вк
98-82-8	Isopropylbenzene	ND	ug/kg dry	27	5.4	1	EPA 8260C Certifications: CTDOH,	09/15/2015 17:00 NELAC-NY 10854,NJD	09/16/2015 08:52 EP	вК
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	ug/kg dry	2.7	5.4	L	EPA 8260C Certifications: CTDOH,	09/15/2015 17:00 NELAC-NY 10854,NJD	09/16/2015 08:52 EP	ВК
91-20-3	Naphthalene	ND	ug/kg dry	2.7	21	i	EPA 8260C Certifications: NELAC-:	09/15/2015 17:00 NY 10854,NJDEP	09/16/2015 08:52	вк
104-51-8	n-Butylbenzene	ND	ug/kg dry	2.7	5,4	ł	EPA 8260C Certifications: CTDOH,	09/15/2015 17:00 NELAC-NY 10854,NJD	09/16/2015 08:52 EP	ВК
103-65-1	n-Propylbenzene	ND	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,	09/15/2015 17:00 NELAC-NY 10854,NJD	09/16/2015 08:52 EP	ВК
95-47-6	o-Xylene	ND	ug/kg dry	2.7	5.4	L	EPA 8260C Certifications: CTDOH,	09/15/2013 17:00 NELAC-NY 10854	09/16/2015 08:52	BK
1 79601-23-1	p- & m- Xylenes	ND	ug/kg dry	5,4	11	1	EPA 8260C Certifications: CTDOH,	09/15/2015 17:00 NELAC-NY10854	09/16/2015 08:52	BK
99-87 - 6	p-Isopropyltoluene	ND	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,	09/15/2015 17:00 NELAC-NY 10854,NJD	09/16/2015 08:52 EP	вк
135-98-8	sec-Butylbenzene	ND	ug/kg dry	2.7	5.4	۱	EPA 8260C Certifications: CTDOH,	09/15/2015 17:00 NELAC-NY10854,NJD	09/16/2015 08:52 EP	ВК



Client Sample ID: 10

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York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
1510443	White Plains YMCA 250 Mamaroneck Ave White Plains	Soil	September 9, 2015 3:00 pm	09/14/2015

Log-in Notes:

Volatile Organics, CP-51 (formerly STARS) List

Sample Prepared by Method: EPA 5035A Reported to LOD/MDL Date/Time Date/Time Dilution CAS No. Parameter Result Flag Units LOQ **Reference Method** Prepared Analyzed Analyst 98-06-6 tert-Butylbenzene ND ug/kg dry 2.7 5.4 1 EPA 8260C 09/15/2015 17:00 09/16/2015 08:52 вк Certifications: CTDOH,NELAC-NY 10854,NJDEP 108-88-3 09/15/2015 17:00 09/16/2015 08:52 Toluene ND ug/kg dry 2.7 5.4 EPA 8260C ВΚ CTDOH,NELAC-NY10854,NJDEP,PADEP Certifications: 1330-20-7 Xylenes, Total ND ug/kg dry 8.1 16 EPA 8260C 09/15/2015 17:00 09/16/2015 08:52 ΒК Certifications: CTDOH.NELAC-NY 10854.NJDEP.PADEP Surrogate Recoveries Result Acceptance Range 17060-07-0 Surrogate: 1,2-Dichloroethane-d4 112 % 77-125 Surrogate: Toluene-d8 2037-26-5 107 % 85-120 460-00-4 Surrogate: p-Bromofluorobenzene 91.7% 76-130

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT Sample Notes:

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Sample Notes:

York Sample ID:

15I0443-10

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result 1	Flag Units	Reported to LOD/MDL	LOQ	Dilution	Reference M	fethod	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	ug/kg dry	45	90	2	EPA 8270D Certifications:	CTDOH,NEI	09/16/2015 14:10 .AC-NY 10854,NJDE	09/17/2015 20:31 P.PADEP	КН
208-96-8	Acenaphthylene	ND	ug/kg dry	45	90	2	EPA 8270D Certifications:	CTDOH,NEI	09/16/2015 14:10 .AC-NY 10854,NJDE	09/17/2015 20:31 P,PADEP	КН
20-12-7	Anthracene	ND	ug/kg dry	45	90	2	EPA 8270D Certifications:	CLDOH'NET	09/16/2015 14:10 .AC-NY 10854,NJDE	09/17/2015 20:31 P.PADEP	КН
56-55-3	Benzo(a)anthracene	ND	ug/kg dry	45	90	2	EPA 8270D Certifications:	CTDOH,NEI	09/16/2015 14:10 .AC-NY 10854.NJDE	09/17/2015 20:31 P.PADEP	КН
50-32-8	Benzo(a)pyrene	ND	ug/kg dry	45	90	2	EPA 8270D Certifications:	CTDOH,NEI	09/16/2015 14:10 .AC-NY 10854,NJDE	09/17/2015 20:31 P,PADEP	КН
205-99-2	Benzo(b)fluoranthene	ND	ug/kg dry	45	90	2	EPA 8270D Certifications:	CTDOH,NEI	09/16/2015 14:10 .AC-NY10854,NJDE	09/17/2015 20:31 P.PADEP	КН
191-24-2	Benzo(g,h,i)perylene	ND	ug/kg dry	45	90	2	EPA 8270D Certifications:	CTDOH,NEI	09/16/2015 14:10 .AC-NY 10854,NJDE	09/17/2015 20:31 P,PADEP	КН
207-08-9	Benzo(k)fluoranthene	ND	ug/kg dry	45	90	2	EPA 8270D Certifications:	CTDOH,NEI	09/16/2015 14:10 .AC-NY 10854,NJDE	09/17/2015 20:31 P,PADEP	KH
218-01-9	Chrysene	ND	ug/kg dry	45	90	2	EPA 8270D Certifications:	CTDOH,NEI	09/16/2015 14:10 .AC-NY 10854,NIDE	09/17/2015 20:31 P.P.A.DEP	КН
53-70-3	Dibenzo(a,h)anthracene	ND	ug/kg dry	45	90	2	EPA 8270D Certifications;	CTDOH,NEI	09/16/2015 14:10 LAC-NY10854,NJDE	09/17/2015 20:31 P,PADEP	КН
206-44-0	Fluoranthene	ND	ug/kg dry	45	90	2	EPA 8270D Certifications:	CTDOH,NEI	09/16/2015 14:10 .AC-NY10854,NJDE	09/17/2015 20:31 P.PADEP	КН
36-73-7	Fluorene	ND	ug/kg dry	45	90	2	EPA 8270D Certifications:	NELAC-NY	09/16/2015 14:10 10854,NIDEP,PADE	09/17/2015 20:31	КН
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ug/kg dry	45	90	2	EPA 8270D Certifications:	CTDOH,NEI	09/16/2015 14:10 .AC-NY10854,NJDE	09/17/2015 20:31 P,PADEP	КН
91-20-3	Naphthalene	ND	ug/kg dry	45	90	2	EPA 8270D Certifications:	CTDOH,NEI	09/16/2015 14;10 .AC-NY10854,NJDE	09/17/2015 20:31 :P	КН
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120 RESEARCH DRIVE

			1	Sample	Inform	ation						
<u>Client Sa</u>	mple ID: 10									York Sample	<u>ID:</u> 15	510443-10
York Proje	ect (SDG) No.	<u>Client</u>	Project IE	<u>)</u>			<u>Ma</u>	<u>atrix</u>	Collec	tion Date/Time	Date	Received
	15I0443 White Plain	ns YMCA 250 N	Mamarone	ck Ave W	hite Plains		S	oil	Septembe	er 9, 2015 3:00	pm ()9/14/2015
Semi-Vola	atiles, CP-51 (formerly STARS)]	<u>List</u>			Log-in	Notes:	VOA-C	онт <u>San</u>	ple Note	<u>s:</u>		
Sample Prepar	ed by Method: EPA 3546 SVOA				Deve ded to					Data/Cima	Date/Time	
CAS N	o. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference	e Method	Date/Time Prepared	Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/kg dry	45	90	2	EPA 8270D Certifications:	CITION NE	09/16/2015 14:10	09/17/2015 20:31	KH
129-00-0	Ругепе	ND		ug/kg dry	45	90	2	EPA 8270D Certifications:		ELAC-NY 10854,NJDE 09/16/2015 14:10 ELAC-NY 10854,NJDE	09/17/2015 20:31	KH
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
4165-60-0	Surrogate: Nitrobenzene-d5	46.4%			10-95							
321-60-8	Surrogate: 2-Fluorobiphenyl	42.6 %			10-97							
1718-51-0	Surrogate: Terphenyl-d14	44.6 %			19-99							
					Login	Notes:	NOAC	ONE Com	anto Noto			
<u>Total Soli</u> Samala Pranar	<u>ds</u> ed by Method: % Solids Prep				Log-m	Notes:	VOA-C		iple Note	<u>s:</u>		
		Denult	El	11-14-	LOD/MDL	Reported to LOQ	Dilution	Reference	a Mashad	Date/Time	Date/Time Analyzed	Anolust
CAS N solids	* % Solids	Result 92.4	Flag	Units %	0,100	0,100	l	SM 2540G	e Method	09/15/2015 11:38	09/16/2015 12:06	Analyst KK
								Certifications:	СТДОН			
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	an an ann an Anna an An			Sample	Inform							
Client Sa	mple ID: 11			F						York Sample	ID: 1	510443-11
	ect (SDG) No.	Client	Project II	\ \			NA	atrix	Callar	ction Date/Time		e Received
		ns YMCA 250 N		-	hite Plains			oil		er 9, 2015 3:00		09/14/2015
											1	
Volatile C	organics, CP-51 (formerly STAR	(S) List			Log-in	Notes:	VOA-C	ONT San	nple Note	<u>s:</u>		
	red by Method: EPA 5035A											
CASN	o. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Referenc	e Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	l	EPA 8260C Certifications:	CTDOH,NI	09/15/2015 16:59 ELAC-NY 10854,NJDE	09/16/2015 03:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	I	EPA 8260C Certifications:	CTDOH,NI	09/15/2015 16:59 ELAC-NY10854,NJDI	09/16/2015 03:50 EP	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	CTDOH,NI	09/15/2015 16:59 ELAC-NY 10854,NJDI	09/16/2015 03:50 ERPADEP	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5,5	1	EPA 8260C Certifications:	CTDOH,N	09/15/2015 16:59 ELAC-NY 10854,NJD8	09/16/2015 03:50 EP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	CTD0H,N	09/15/2015 16:59 ELAC-NY 10854,NJDI	09/16/2015 03:50 EP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	CTDOH,N	09/15/2015 16:59 ELAC-NY 10854,NJDI	09/16/2015 03:50 EP	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.7	n	1	EPA 8260C Certifications	NELAC-N	09/13/2015 16:59 Y 10854.NJDEP	09/16/2015 03:50	SS

STRATFORD, CT 06615 (203) 325-1371 FAX (203



Client Sample ID: 11			York Sample ID:	1510443-11
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15I0443	White Plains YMCA 250 Mamaroneck Ave White Plains	Soil	September 9, 2015 3:00 pm	09/14/2015

Log-in Notes:

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Volatile Organics, CP-51 (formerly STARS) List

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Sample Prepared	d by Method: EPA 5035A									
CAS No.	. Parameter	Result	Flag Units	Reported to LOD/MDL	LOQ	Dilution	Reference M	Date/Time lethod Prepared		Analyst
104-51-8	n-Butylbenzene	ND	ug/kg dry	2.7	5.5	L	EPA 8260C Certifications: C	09/15/2015 16.5 CTDOH,NELAC-NY 10854,N		SS
103-65-1	n-Propylbenzene	ND	ug/kg dry	2.7	5.5	I	EPA 8260C Certifications: C	09/15/2015 16:5 CTDOH,NELAC-NY10854,N		SS
95-47-6	o-Xylene	ND	ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: C	09/15/2015 16:5 CTDOH.NELAC-NY 10854	9 09/16/2015 03:50	SS
179601-23-1	p- & m- Xylenes	ND	ug/kg dry	5.5	11	L	EPA 8260C Certifications: C	09/15/2015 16:5 TDOH,NELAC-NY 10854	9 09/16/2015 03:50	SS
99-87-6	p-Isopropyltoluene	ND	ug/kg dry	2.7	5.5		EPA 8260C Certifications: C	09/15/2015 16:5 CTDOH,NELAC-NY10854,N		SS
135-98-8	sec-Butylbenzene	ND	ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: C	09/15/2015 16:5 TDOH,NELAC-NY 10854,N		SS
98-06-6	tert-Butylbenzene	ND	ug/kg dry	2.7	5.5	I	EPA 8260C Certifications: C	09/15/2015 16:5 TDOH,NELAC-NY 10854,N		SS
108-88-3	Toluene	ND	ug/kg dry	2.7	5.5	I	EPA 8260C Certifications: C	09/15/2015 16:5 TDOH.NELAC-NY 10854,N		SS
1330-20-7	Xylenes, Total	ND	ug/kg dry	8.2	16	ι	EPA 8260C Certifications: C	09/15/2015 16:5 TDOH,NELAC-NY10854,N		SS
	Surrogate Recoveries	Result	Acce	ptance Ran	ge					
1 7060-07-0	Surrogate: 1,2-Dichloroethane-d4	92.3 %		77-125						
2037-26-5	Surrogate: Toluene-d8	103 %		85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	100 %		76-130						

Semi-Volatiles, CP-51 (formerly STARS) List Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes: VOA-CONT Sample Notes:

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Sample Notes:

CAS No	. Parameter	Result	Flag Units	Reported to LOD/MDL	LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaplithene	ND	ug/kg	dry 46	91	2	EPA 8270D		09/16/2015 14:10	09/17/2015 21:04	КН
							Certifications:	CTD0H,N	ELAC-NY 10854, NJDI	EP,PADEP	
208-96-8	Acenaphthylene	ND	ug/kg	iry 46	91	2	EPA 8270D		09/16/2015 14:10	09/17/2015 21:04	КН
							Certifications:	CTDOH,N	ELAC-NY 10854,NJDI	EP,PADEP	
120-12-7	Anthracene	ND	ug/kg	iry 46	91	2	EPA 8270D		09/16/2015 14:10	09/17/2015 21:04	КН
							Certifications:	CTDOH,N	ELAC-NY 10854,NJDI	IP,PADEP	
56-55-3	Benzo(a)anthracene	ND	ug/kg	iry 46	91	2	EPA 8270D		09/16/2015 14:10	09/17/2015 21:04	KH
							Certifications:	CTDOH,N	ELAC-NY 10854,NIDI	EP,PADEP	
50-32-8	Benzo(a)pyrene	ND	ug/kg	iry 46	91	2	EPA 8270D		09/16/2015 14:10	09/17/2015 21:04	КН
							Certifications;	CTDOH,N	ELAC-NY 10854,NJDI	EP,PADEP	
205-99-2	Benzo(b)fluoranthene	ND	ug/kg	dry 46	91	2	EPA 8270D		09/16/2015 14:10	09/17/2015 21:04	КН
							Certifications:	CTDOH,N	ELAC-NY 10854,NJD	SP,PADEP	
191-24-2	Benzo(g,h,i)perylene	ND	ug/kg	dry 46	91	2	EPA 8270D		09/16/2015 14:10	09/17/2015 21:04	КН
							Certifications:	CTDOH,N	ELAC-NY 10854,NJDI	EP,PADEP	
207-08-9	Benzo(k)fluoranthene	ND	ug/kg	iry 46	91	2	EPA 8270D		09/16/2015 14:10	09/17/2015 21:04	кн
							Certifications:	СТДОН, М	ELAC-NY 10854,NJDI	EP,PADEP	
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Client Sample ID: 11

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York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
1510443	White Plains YMCA 250 Mamaroneck Ave White Plains	Soil	September 9, 2015 3:00 pm	09/14/2015

Sample Notes: Log-in Notes: VOA-CONT Semi-Volatiles, CP-51 (formerly STARS) List Sample Prepared by Method; EPA 3546 SVOA Reported to LOD/MDL Date/Time Date/Time CAS No. LOQ Dilution **Reference** Method Result Units Parameter Flag Analyzed Analyst Prepared 218-01-9 Chrysene ND ug/kg dry 46 91 2 EPA 8270D 09/16/2015 14:10 09/17/2015 21:04 KН CTDOH,NELAC-NY10854,NJDEP,PADEP Certifications: 53-70-3 Dibenzo(a,h)anthracene ND 91 EPA 8270D 09/16/2015 14:10 09/17/2015 21:04 кн ug/kg dry 46 2 Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP 206-44-0 Fluoranthene ND ug/kg dry 46 91 2 EPA 8270D 09/16/2015 14:10 09/17/2015 21:04 КН Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP 86-73-7 Fluorene ND 91 2 EPA 8270D 09/16/2015 14:10 09/17/2015 21:04 КН ug/kg dry 46 Certifications: NELAC-NY10854,NJDEP,PADEP 193-39-5 Indeno(1,2,3-cd)pyrene ND ug/kg dry 46 91 2 EPA 8270D 09/16/2015 14:10 09/17/2015 21:04 кн CTDOH.NELAC-NY 10854.NJDEP.PADEP Certifications: 09/16/2015 14:10 09/17/2015 21:04 91-20-3 Naphthalene ND ug/kg dry 91 EPA 8270D ΚН 46 Certifications: CTDOH,NELAC-NY 10854,NJDEP 85-01-8 Phenanthrene ND ug/kg dry 91 EPA 8270D 09/16/2015 14:10 09/17/2015 21:04 KН 46 CTDOH,NELAC-NY10854,NJDEP,PADEP Certifications: 129-00-0 91 09/16/2015 14:10 09/17/2015 21:04 Pyrene ND ug/kg dry 46 EPA 8270D КН Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP Surrogate Recoveries Result Acceptance Range 4165-60-0 40.9 % Surrogate: Nitrobenzene-d5 10-95 321-60-8 Surrogate: 2-Fluorobiphenyl 30.4 % 10-97 1718-51-0 Surrogate: Terphenyl-d14 35.4% 19-99

<u>Total Solids</u>						<u>Log-in</u>	Notes:	VOA-C	cont <u>Sai</u>	nple Note	<u>:S:</u>		
Sample Prepared by	Method: % Solids	Prep											
CAS No.		Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Referenc	e Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids		91,6	La fritagent	% 	0.100	0,100	l . tegar	SM 2540G Certifications:	строн	09/15/2015 11:38	09/16/2015 12:06	
					Sample	e Inform	ation						
Client Sampl	<u>e ID:</u> 12										York Sampl	<u>e ID:</u> 1	510443-12
<u>York Project (</u>	SDG) No.		Client 1	Project I	<u>D</u>			M	latrix	Colle	ction Date/Time	Da	e Received
1510	443	White Plair	is YMCA 250 N	lamaron	eck Ave W	hite Plains/		2	Soil	Septemb	er 9, 2015 3:00	pm	09/14/2015

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared	by Method: EPA 50	35A

CASN	lo. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference	e Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C		09/15/2015 16:59	09/16/2015 04:25	SS
	an na h-an an 1999. A she waxaa waxaa yaya ta ka ka she aha she ahaya ahaya she she she she ya							Certifications		ELAC-NY 10854,NJDE		
	RESEARCH DRIVE	STRATFOR					(203) 325-			FAX (203) 357		
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Client Sample ID:

Client Sample ID: 12			York Sample D:	1510443-12
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15I0443	White Plains YMCA 250 Mamaroneck Ave White Plains	Soil	September 9, 2015 3:00 pm	09/14/2015

Log-in Notes: VOA-CONT

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Sample Notes:

Volatile Organics, CP-51 (formerly STARS) List

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CAS No.	Davassadas	Develo		Reported to	1.00	Dilution			Date/Time	Date/Time	
		Result	Flag Units	LOD/MDL	LOQ	-	Reference M	lethod	Prepared	Analyzed	Analyst
08-67-8	1,3,5-Trimethylbenzene	ND	ug/kg dry	2.7	5.4	L	EPA 8260C Certifications:	строн, NI	09/15/2015 16:59 ELAC-NY 10854,NJDE	09/16/2015 04:25 P	55
1-43-2	Benzene	ND	ug/kg dry	2.7	5.4	I	EPA 8260C Certifications:	CTDOH,NI	09/15/2015 16:59 ELAC-NY 10854,NJDE	09/16/2015 04:25 P.PADEP	SS
00-41-4	Ethyl Benzene	ND	ug/kg dry	2.7	5.4	L	EPA 8260C Certifications:	CTDOH,NI	09/15/2015 16:59 ELAC-NY 10854,NJDE	09/16/2015 04:25 P.PADEP	SS
8-82-8	Isopropylbenzene	ND	ug/kg dry	2.7	5.4	L	EPA 8260C Certifications:	строн, NI	09/15/2015 16:59 ELAC-NY 10854,NJDE	09/16/2015 04:25 P	SS
634-04-4	Methyl tert-butyl ether (MTBE)	ND	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	CTDOH.NI	09/15/2015 16:59 5LAC-NY 10854,NJDE	09/16/2015 04:25 P	SS
1-20-3	Naphthalene	ND	ug/kg dry	2.7	11	1	EPA 8260C Certifications: 1	NELAC-NY	09/15/2015 16:59 /10854,NJDEP	09/16/2015 04:25	SS
04-51-8	n-Butylbenzene	ND	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	строн, н	09/15/2015 16:59 ELAC-NY 10834,NJDE	09/16/2015 04:25 P	SS
03-65-1	n-Propylbenzene	ND	ug/kg dry	2.7	5,4	1	EPA 8260C		09/15/2015 16:59 ELAC-NY 10854,NJDE	09/16/2015 04:25	SS
5-47-6	o-Xylene	ND	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	строңы	09/15/2015 16:59 ELAC-NY 10854	09/16/2015 04:25	SS
79601-23-1	p- & m- Xylenes	ND	ug/kg dry	5,4	u	1	EPA 8260C Certifications: (строни	09/15/2015 16:59 ELAC-NY 10854	09/16/2015 04:25	SS
9-87-6	p-Isopropyltoluene	ND	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: (CTDOH,N	09/15/2015 (6:59 ELAC-NY 10854,NJDE	09/16/2015 04:25 P	SS
35-98-8	sec-Butylbenzene	ND	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: (строң, м	09/15/2015 16:59 ELAC-NY 10854,NIDE	09/16/2015 04;25 P	SS
8-06-6	tert-Butylbenzene	ND	ug/kg dry	2.7	5.4	1	EPA 8260C		09/15/2015 [6:59 ELAC-NY10854,NJDE	09/16/2015 04:25	SS
08-88-3	Toluene	ND	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: (CTDOH,NI	09/15/2015 16:59 ELAC-NY 10854,NJDE	09/16/2015 04:25 P.PADEP	SS
330-20-7	Xylenes, Total	ND	ug/kg dry	8,1	16	1	EPA 8260C Certifications:	CTDOH,NI	09/15/2015 16:59 ELAC-NY10854,NIDE	09/16/2015 04:25 P.PADEP	SS
	Surrogate Recoveries	Result	Acce	ptance Ran	ge						
7060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.8 %		77-125	_						
037-26-5	Surrogate: Toluene-d8	101%		85-120							
60-00-4	Surrogate: p-Bromofluorobenzene	98.3 %		76-130							

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No	. Parameter	Result	Flag Units	Reported to LOD/MDL	LOQ	Dilution	Reference Metho	Date/Time od Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	ug/kg dr	y 45	90	2	EPA 8270D Certifications: CTDC	09/16/2015 14:10 H,NELAC-NY 10854,NJD	09/17/2015 21:37 ER,PADEP	КН
208-96-8	Acenaphthylene	ND	ug/kg dr	y 45	90	2	EPA 8270D Centifications: CTDC	09/16/2015 14:10 0H,NELAC-NY 10854,NJD	09/17/2015 21:37 EP,PADEP	КН
120	RESEARCH DRIVE	STRATFOR), CT 06615			(203) 325-	1371	FAX (203) 35	7-0166	

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	Sample Information			
Client Sample ID: 12			York Sample ID:	1510443-12
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
1510443	White Plains YMCA 250 Mamaroneck Ave White Plains	Soil	September 9, 2015 3:00 pm	09/14/2015
<u> </u>				

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Log-in Notes: VOA-CONT Sample Notes: Semi-Volatiles, CP-51 (formerly STARS) List Sample Prepared by Method: EPA 3546 SVOA Reported to LOD/MDL Date/Time Date/Time Dilution L00 Reference Method CAS No. Parameter Result Flag Units Prepared Analyzed Analyst 120-12-7 45 90 2 EPA 8270D 09/16/2015 14:10 09/17/2015 21:37 КН Anthracene ND ug/kg dry Certifications: CTDOH, NELAC-NY 10854, NJDEP, PADEP 09/16/2015 14:10 56-55-3 EPA 8270D 09/17/2015 21:37 Benzo(a)anthracene ND ug/kg dry 45 90 2 КH Certifications CTDOH,NELAC-NY10854,NJDEP,PADEP 50-32-8 2 09/16/2015 14:10 09/17/2015 21:37 ND 45 90 EPA 8270D КН Benzo(a)pyrene ug/kg dry Certifications: CTDOH.NELAC-NY 10854.NJDEP.PADEP EPA 8270D 90 09/16/2015 14:10 09/17/2015 21:37 205-99-2 Benzo(b)fluoranthene ND ug/kg dry 45 2 KH Certifications CTDOH,NELAC-NY10854,NJDEP,PADEP 191-24-2 90 EPA 8270D 09/16/2015 14:10 09/17/2015 21:37 ND ug/kg dry 45 2 КН Benzo(g,h,i)perylene Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP 09/16/2015 14:10 09/17/2015 21:37 207-08-9 45 90 EPA 8270D Benzo(k)fluoranthene ND ug/kg dry 2 КН CTDOH,NELAC-NY10854,NJDEP,PADEP Certifications 218-01-9 90 EPA 8270D 09/16/2015 14:10 09/17/2015 21:37 ND ug/kg dry 45 кн Chrysene Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP 90 09/16/2015 14:10 09/17/2015 21:37 53-70-3 45 EPA 8270D Dibenzo(a,h)anthracene ND ug/kg dry 2 КН CTDOH,NELAC-NY10854,NJDEP,PADEP Certifications 206-44-0 Fluoranthene 90 EPA 8270D 09/16/2015 14:10 09/17/2015 21:37 κн ND ug/kg dry 45 2 Certifications CTDOH,NELAC-NY10854,NIDEP,PADEP 86-73-7 90 EPA 8270D 09/16/2015 14:10 09/17/2015 21:37 кн 2 Fluorene ND ug/kg dry 45 Certifications: NELAC-NY10854,NJDEP,PADEP 193-39-5 Indeno(1,2,3-cd)pyrene 90 2 EPA 8270D 09/16/2015 14:10 09/17/2015 21:37 кн ND ug/kg dry 45 CTDOH,NELAC-NY10854,NJDEP,PADEP Certifications 91-20-3 EPA 8270D 09/16/2015 14:10 09/17/2015 21:37 КH Naphthalene ND ug/kg dry 45 90 2 CTDOH,NELAC-NY10854,NJDEP Certifications: 85-01-8 Phenanthrene ND ıg/kg dry 45 90 2 EPA 8270D 09/16/2015 14:10 09/17/2015 21:37 КН Certifications: CTDOH, NELAC-NY 10854, NJDEP, PADEP 129-00-0 ND 45 90 2 EPA 8270D 09/16/2015 14:10 09/17/2015 21:37 кн Pyrene ug/kg dry CTDOH.NELAC-NY10854,NJDEP,PADEP Certifications: Surrogate Recoveries Result Acceptance Range 4165-60-0 Surrogate: Nitrobenzene-d5 65.0 % 10-95 321-60-8 Surrogate: 2-Fluorobiphenyl 42.2 % 10-97 1718-51-0 Surrogate: Terphenyl-d14 50.4% 19-99

Total Se	olids					<u>Log-in</u>	Notes:	VOA-C	CONT <u>Sample</u>	Notes:			
Sample Pre	pared by Method: % S	olids Prep											
CAS	S No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Met	Date/ hod Prep	Time I pared	Date/Time Analyzed	Analyst
solids	* % Solids		92.2		%	0.100	0.100	1	SM 2540G	09/15/201	.5 11:28 09	9/16/2015 12:13	КК

120 RESEARCH DRIVE

STRATFORD, CT 06615

(203) 325-1371

FAX (203) 35<u>7-0166</u>

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S	am	nle	Info	rma	tion

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Client Sample ID:13York Sample ID:15I0443-13York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received15I0443White Plains YMCA 250 Mamaroneck Ave White PlainsSoilSeptember 9, 20153:00 pm09/14/2015

Sample Prepared	d by Method: EPA 5035A											
CAS No.	. Parameter	Result	Flag	Units	Reported to LOD/MDL	roð	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
05-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 16:59 ELAC-NY 10854,NJDE	09/16/2015 04:59 P	SS
08-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	T	EPA 8260C Certifications:	CTDOH,NE	09/15/2013-16:59 ELAC-NY 10854,NJDE	09/16/2015 04:59 IP	SS
/1-43-2	Benzené	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 16:59 ELAC-NY 10854,NJDE	09/16/2015 04:59 EP,PADEP	SS
00-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	CTDOLLNE	09/15/2015 16:59 ELAC-NY10854,NJDE	09/16/2015 04:59 P.PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 16:59 ELAC-NY 10854,NJDE	09/16/2015 04:59 P	SS
634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 16:59 ELAC-NY 10854,NIDE	09/16/2015 04:59 P	SS
1-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C Certifications:	NELAC-N	09/15/2015 16:59 /10854.NJDEP	09/16/2015 04:59	SS
04-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA \$260C Certifications:	CTDOH,NE	09/15/2015 16:59 ELAC-NY 10854,NJDE	09/16/2015 04:59 P	SS
03-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	l	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 16:59 ELAC-NY 10854,NJDE	09/16/2015 04:59 EP	SS
15-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	строни	09/15/2015 16:59 ELAC-NY 10854	09/16/2015 04:59	SS
79601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	строн, н	09/15/2015 16:59 ELAC-NY 10854	09/16/2015 04:59	SS
9-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	l	EPA 8260C Certifications:	строн,ы	09/15/2015 16:59 ELAC-NY 10854 NJDE	09/16/2015 04:59 P	SS
35-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	L	EPA 8260C Certifications:	CTDOH,NI	09/15/2015 16:59 ELAC-NY10854,NJDE	09/16/2015 04:59 P	SS
8-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	CTDOH,NI	09/15/2015 16:59 ELAC-NY 10854,NIDE	09/16/2015 04:59 P	SS
08-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	CTDOH,NI	09/15/2015 16:59 SLAC-NY 10854,NJDE	09/16/2015 04:59 EP,PADEP	SS
330-20-7	Xyienes, Total	ND		ug/kg dry	8.1	16	1	EPA 8260C Certifications:	CTDOH,NI	09/15/2015 16:59 ELAC-NY10854,NJDI	09/16/2015 04:59 EP.PADEP	SS
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
7060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.3 %			77-125							
037-26-5	Surrogate: Toluene-d8	101 %			85-120							
60-00-4	Surrogate: p-Bromofluorobenzene	99.6 %			76-130							

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEA	RCH DRIVE	STRATFOR	D, CT 06	615	ոց ուցացանցին՝ անձացներին է հանցածանցիցը է ներացացացի մին		(203) 325-13	371	FAX (203) 357	<u>7-0166</u> Page 31	



Client Sample ID: 13			<u>York Sa</u>
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/
15I0443	White Plains YMCA 250 Mamaroneck Ave White Plains	Soil	September 9, 2015

Sample ID: 15I0443-13

x	Collection Date/Time	Date Received
	September 9, 2015 3:00 pm	09/14/2015

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Sample Prepareo	d by Method: EPA 3546 SVOA											
CAS No.	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analys
3-32-9	Acenaphthene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH,NI	09/16/2015 14:10 ELAC-NY 10854,NJDE	09/17/2015 22:10 P,PADEP	КН
08-96-8	Acenaphthylene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH.NI	09/16/2015 14:10 ELAC-NY 10854.NJDE	09/17/2015 22:10 P.PADEP	КН
20-12-7	Anthracene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH,NI	09/16/2013 14:10 ELAC-NY 10854,NIDE	09/17/2015 22:10 EP,PADEP	КН
6-55-3	Benzo(a)anthracene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH,NI	09/16/2015 14:10 ELAC-NY 10854,NIDE	09/17/2015 22:10 P.PADEP	КН
0-32-8	Benzo(a)pyrene	NÐ		ug/kg đry	45	91	2	EPA 8270D Certifications:	CTDOH,NI	09/16/2015 14:10 ELAC-NY10854,NJDE	09/17/2015 22:10 P.PADEP	КН
05-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH,NI	09/16/2015 14:10 ELAC-NY 10854,NJDE	09/17/2015 22:10 P,PADEP	КН
91-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH.NI	09/16/2015 14:10 ELAC-NY10854,NJDE	09/17/2015 22:10 P.P.A.DEP	КН
07-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH.NI	09/16/2015 14:10 ELAC-NY 10854,NJDE	09/17/2015 22:10 P.PADEP	КН
18-01-9	Chrysene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH,NI	09/16/2015 14:10 ELAC-NY 10854,NJDE	09/17/2015 22:10 P,PADEP	КН
3-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH,NI	09/16/2015 14:10 ELAC-NY 10854,NJDE	09/17/2015 22:10 EP,PADEP	КН
06-44-0	Fluoranthene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH,NI	09/16/2015 14:10 ELAC-NY10854,NJDE	09/17/2015 22:10 P,PADEP	КН
6-73-7	Fluorene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	NELAC-N	09/16/2015 14:10 Y 10854,NJDEP,PADEI	09/17/2015 22:10	КН
93-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH,N	09/16/2015 14:10 ELAC-NY 10854,NJDE	09/17/2015 22:10 P.PADEP	КН
1-20-3	Naphthalene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH,NI	09/16/2015 14:10 ELAC-NY10854,NJDE	09/17/2015 22:10 EP	КН
5-01-8	Phenanthrene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTD0H,NI	09/16/2015 14:10 ELAC-NY 10854,NJDE	09/17/2015 22:10 EP,PADEP	КН
29-00-0	Pyrene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH,NI	09/16/2015 14:10 ELAC-NY10854,NJDE	09/17/2015 22:10 EP,PADEP	КН
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
165-60-0	Surrogate: Nitrobenzene-d5	51.3 %			10-95	~						
21-60-8	Surrogate: 2-Fluorobiphenyl	28.1%			10-97							
1718-51-0	Surrogate: Terphenyl-d14	45.9 %			19-99							

Total Solids	<u>fotal Solids</u>						Log-in Notes: VOA-CONT Sample Notes:						
Sample Prepared by Metho	od: % Solids Prep												
CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst		
	RCH DRIVE	STRATFOR					(203) 325-13		FAX (203) 357				

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Client Sample ID:	13							York Sample	<u>e ID:</u> 1	510443-13
York Project (SDG) N	<u>lo.</u>	Client Pro	ject ID			Matrix	Collect	tion Date/Time	Dat	te Received
15I0443	Whit	e Plains YMCA 250 Mar	naroneck A	Ave White Plain	S	Soil	September	9,2015 3:00	pm	09/14/2015
<u>Total Solids</u> Sample Prepared by Method: 9	% Solids Prep			Log-	in Notes:	VOA-CONT	Sample Notes	<u>.</u>		
CAS No.	Parameter	Result	Flag U	nits LOD/MD	Reported to		ference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids * % Solids		92.1	%	0.100	0.100	1 SM 25 Certific	ations: CTDOH	09/15/2015 11:28	09/16/2015 12:13	
				nple Inforr	nation					
Client Sample ID:	14							York Sample	<u>e ID:</u> 1	510443-14
York Project (SDG) N	<u>Io.</u>	Client Pro	ject ID			<u>Matrix</u>	Collect	tion Date/Time	Dat	te Received
15I0443	Whit	e Plains YMCA 250 Mar	naroneck A	Ave White Plain	S	Soil	September	9,2015 3:00	pm	09/14/2015

Volatile Organics, CP-51 (formerly STARS) List

Sample Prepared by Method: EPA 5035A

Log-in Notes: VOA-CONT

Sample Notes:

CAS No.	Parameter	Result	Flag Units	Reported to LOD/MD		Dilution	Reference N	Date/Time Aethod Prepared	Date/Time Analyzed	Analyst
5-63-6	1,2,4-Trimethylbenzene	18	ug/kg d	ry 2.7	5.4	1	EPA 8260C Certifications:	09/15/2015 16:59 CTDOH,NELAC-NY10854,NJD	09/16/2015 05:34 EP	SS
08-67-8	1,3,5-Trimethylbenzene	49	ug/kg d	ry 2.7	5.4	I	EPA 8260C Certifications:	09/15/2015 16:59 CTDOH,NELAC-NY10854,NJD	09/16/2015 05:34 EP	SS
1-43-2	Benzene	ND	ug/kg o	lry 2.7	5.4	1	EPA 8260C Certifications:	09/15/2015 16:59 CTDOH,NELAC-NY10854,NJD	09/16/2015 05:34 EP.PADEP	SS
00-41-4	Ethyl Benzene	17	ug/kg d	ry 2.7	5.4	I	EPA 8260C Certifications:	09/15/2015 16:59 CTDOH,NELAC-NY10854,NJD	09/16/2015 05:34 EP.PADEP	SS
-82-8	Isopropylbenzene	25	ug/kg d	ry 2.7	5.4	1	EPA 8260C Certifications:	09/15/2015 16:59 CTDOH,NELAC-NY10854,NJD	09/16/2015 05:34 EP	SS
534-04-4	Methyl tert-butyl ether (MTBE)	ND	ug/kg	lry 2.7	5.4	1	EPA 8260C Certifications:	09/15/2015 16:59 CTDOH,NELAC-NY10854,NJD	09/16/2015 05:34 EP	SS
-20-3	Naphthalene	ND	ug/kg	lry 2.7	11	1	EPA 8260C Certifications:	09/15/2015 16:59 NELAC-NY10854,NJDEP	09/16/2015 05:34	SS
04-51-8	n-Butylbenzene	49	ug/kg d	ry 2.7	5.4	1	EPA 8260C Certifications:	09/15/2015 16:59 CTDOH,NELAC-NY10854,NJD	09/16/2015 05:34 EP	SS
03-65-1	n-Propylbenzene	39	ug/kg d	ry 2.7	5.4	1	EPA 8260C Certifications:	09/15/2015 16:59 CTDOH,NELAC-NY10854,NJD	09/16/2015 05:34 EP	SS
5-47-6	o-Xylene	16	ug/kg d	гу 2.7	5.4	1	EPA 8260C Certifications:	09/15/2015 16:59 CTDOH,NELAC-NY10854	09/16/2015 05:34	SS
9601-23-1	p- & m- Xylenes	ND	ug/kg	lry 5.4	11	1	EPA 8260C Certifications:	09/15/2015 16:59 CTDOH,NELAC-NY10854	09/16/2015 05:34	SS
-87-6	p-Isopropyltoluene	37	ug/kg d	гу 2.7	5.4	1	EPA 8260C Certifications:	09/15/2015 16:59 CTDOH,NELAC-NY10854,NJD	09/16/2015 05:34 EP	SS
<mark>5-98-</mark> 8	sec-Butylbenzene	55	ug/kg d	ry 2.7	5.4	1	EPA 8260C Certifications:	09/15/2015 16:59 CTDOH,NELAC-NY10854,NJD	09/16/2015 05:34 EP	SS
-06-6	tert-Butylbenzene	ND	ug/kg	lry 2.7	5.4	1	EPA 8260C Certifications:	09/15/2015 16:59 CTDOH.NELAC-NY10854,NJD	09/16/2015 05:34	SS

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FAX (203) 357-0166

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Client Sample ID: 14			York Sample ID:	15I0443-14
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15I0443	White Plains YMCA 250 Mamaroneck Ave White Plains	Soil	September 9, 2015 3:00 pm	09/14/2015

Sample Notes:

	organics, CP-51 (formerly STAR) ed by Method: EPA 5035A	<u>S) List</u>			<u>Log-in</u>	Notes	VOA-C	CONT <u>Sam</u>	ple Note	<u>s:</u>		
CASN	0. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	Ĩ,	EPA 8260C Certifications:	CTDOH,NI	09/15/2015 16:59 LAC-NY 10854,NJDE	09/16/2015 05:34 P,PADEP	SS
1330-20-7	Xylenes, Total	20		ug/kg dry	8.1	16	1	EPA 8260C Certifications:	CTDOH,NE	09/15/2015 16:59 ELAC-NY10854,NJDE	09/16/2015 05:34 P,PADEP	SS
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.5 %			77-125							
2037-26-5	Surrogate: Toluene-d8	105 %			85-120							
460-00-4	Surrogate: p-Bromofluorobenzene	114 %			76-130							

Log-in Notes:

VOA-CONT

Semi-Volatiles, CP-51 (formerly STARS) List

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference	Method Date/Time Prepared	Date/Time Analyzed	Analyst
3-32-9	Acenaphthene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	09/16/2015 14:10	09/17/2015 22:43	KH
09 06 9									CTDOH,NELAC-NY 10854,NJD		
08-96-8	Acenaphthylene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	09/16/2015 14:10 CTDOH,NELAC-NY 10854,NJD	09/17/2015 22:43	KH
20-12-7	1. J										
20-12-7	Anthracene	ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	09/16/2015 14:10	09/17/2015 22:43	KH
						1200	0.00		CTDOH,NELAC-NY 10854,NJD		
6-55-3	Benzo(a)anthracene	ND		ug/kg dry	45	91	2	EPA 8270D	09/16/2015 14:10	09/17/2015 22:43	KH
								Certifications:	CTDOH,NELAC-NY 10854,NJD		
0-32-8	Benzo(a)pyrene	ND		ug/kg dry	45	91	2	EPA 8270D	09/16/2015 14:10	09/17/2015 22:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJD	EP,PADEP	
05-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45	91	2	EPA 8270D	09/16/2015 14:10	09/17/2015 22:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJD	EP.PADEP	
91-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45	91	2	EPA 8270D	09/16/2015 14:10	09/17/2015 22:43	KH
								Certifications:	CTDOH,NELAC-NY 10854,NJD	EP,PADEP	
07-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45	91	2	EPA 8270D	09/16/2015 14:10	09/17/2015 22:43	KH
								Certifications:	CTDOH,NELAC-NY 10854,NJD	EP,PADEP	
18-01-9	Chrysene	ND		ug/kg dry	45	91	2	EPA 8270D	09/16/2015 14:10	09/17/2015 22:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJD	EP,PADEP	
3-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45	91	2	EPA 8270D	09/16/2015 14:10	09/17/2015 22:43	KH
								Certifications:	CTDOH,NELAC-NY 10854,NJD	EP,PADEP	
06-44-0	Fluoranthene	ND		ug/kg dry	45	91	2	EPA 8270D	09/16/2015 14:10	09/17/2015 22:43	КН
								Certifications:	CTDOH,NELAC-NY 10854,NJD	EP,PADEP	
6-73-7	Fluorene	380		ug/kg dry	45	91	2	EPA 8270D	09/16/2015 14:10	09/17/2015 22:43	KH
								Certifications:	NELAC-NY10854,NJDEP,PADE	P	
93-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45	91	2	EPA 8270D	09/16/2015 14:10	09/17/2015 22:43	KH
								Certifications:	CTDOH,NELAC-NY 10854,NJD	EP,PADEP	
1-20-3	Naphthalene	56	J	ug/kg dry	45	91	2	EPA 8270D	09/16/2015 14:10	09/17/2015 22:43	KH
								Certifications:	CTDOH,NELAC-NY10854,NJD	EP	
5-01-8	Phenanthrene	820		ug/kg dry	45	91	2	EPA 8270D	09/16/2015 14:10	09/17/2015 22:43	KH
								Certifications:	CTDOH,NELAC-NY 10854,NJE	EP.PADEP	
	ESEARCH DRIVE	STRATFORD	Wein Wein Karl a Schule I. and a second	887 m 1945-144 m 19 m 19		1447-1468, 1570 - 1779 (1879)	(203) 325-1	n in the same of the Wangle desire, which are a	FAX (203) 35	and the contract of a state of a state of the	(1) (a - 1) (b) (b) (b) (b) (b)

Page 34 of 40



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					Sample	Inform	ation						
<u>Client Sa</u>	ample ID:	14									York Sampl	<u>e ID:</u> 15	510443-14
York Proj	ject (SDG) No		Client	Project II	C			М	atrix	Colle	ction Date/Time	Date	Received
	1510443		uns YMCA 250 M			hite Plains			oil	-	er 9, 2015 3:00		09/14/2015
										•			
						¥ •	NT. 4.						
		(formerly STARS)	List			Log-in	1 Notes:	VOA-C	CONT <u>Sa</u>	mple Note	<u>s:</u>		
Sample Prepa	ared by Method: EP	A 3546 SVOA				Reported to					Date/Time	Date/Time	
CAS N	No.	Parameter	Result	Flag	Units	LOD/MDL	LOQ	Dilution	Referen	ce Method	Prepared	Analyzed	Analyst
129-00-0	Pyrene		ND		ug/kg dry	45	91	2	EPA 8270D Certifications:	CTDOH N	09/16/2015 14:10 ELAC-NY 10854,NJDI	09/17/2015 22:43 EP PA DEP	КН
	s	Surrogate Recoveries	Result		Acce	ptance Ran	ıge					,	
4165-60-0	Surrogate: N	litrobenzene-d5	45.0 %			10-95							
321-60-8	Surrogate: 2	-Fhiorobiphenyl	37.8 %			10-97							
1718-51-0	Surrogate: T	erphenyl-d14	49.9 %			19-99							
<u>Total Soli</u>	ide					Log-in	1 Notes:	VOA-C	CONT Sa	mple Note	s:		
	ired by Method: %	Solids Preo									<u> </u>		
Sample Frepar													
CAS N	-	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Referen	ce Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	No.	-		Flag	Units %	LOD/MDL 0.100	Reported to LOQ 0.100	Dilution	Referen SM 2540G	ce Method	Date/Time Prepared	Date/Time Analyzed	Analyst KK
CASN	-	-	Result 92.1	Flag			LOQ	Dilution		се Method СТДОН	Prepared	Analyzed	
CASN	No.	-		Flag			LOQ	Dilution	SM 2540G		Prepared	Analyzed	
CASN	No.	-		Flag			LOQ	Dilution	SM 2540G		Prepared	Analyzed	
CASN	No.	-		Flag			LOQ	Dilution	SM 2540G		Prepared	Analyzed	
CASN	No.	-		Flag			LOQ	Dilution	SM 2540G		Prepared	Analyzed	
CASN	No.	-		Flag			LOQ	Dilution	SM 2540G		Prepared	Analyzed	
CASN	No.	-		Flag			LOQ	Dilution	SM 2540G		Prepared	Analyzed	
CASN	No.	-		Flag			LOQ	Dilution	SM 2540G		Prepared	Analyzed	
CASN	No.	-		Flag			LOQ	Dilution	SM 2540G		Prepared	Analyzed	
CASN	No.	-		Flag			LOQ	Dilution	SM 2540G		Prepared	Analyzed	
CASN	No.	-		Flag			LOQ	Dilution	SM 2540G		Prepared	Analyzed	
CASN	No.	-		Flag			LOQ	Dilution	SM 2540G		Prepared	Analyzed	
CASN	No.	-		Flag			LOQ	Dilution	SM 2540G		Prepared	Analyzed	
CASN	No.	-		Flag			LOQ	Dilution	SM 2540G		Prepared	Analyzed	
CASN	No.	-		Flag			LOQ	Dilution	SM 2540G		Prepared	Analyzed	

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Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
1510443-01	1	2 oz. WM Clear Glass Cool to 4° C
1510443-02	2	2 oz. WM Clear Glass Cool to 4° C
1510443-03	3	2 oz. WM Clear Glass Cool to 4° C
1510443-04	4	2 oz. WM Clear Glass Cool to 4° C
1510443-05	5	2 oz. WM Clear Glass Cool to 4° C
1510443-06	6	2 oz. WM Clear Glass Cool to 4° C
1510443-07	7	2 oz. WM Clear Glass Cool to 4° C
1510443-08	8	2 oz. WM Clear Glass Cool to 4° C
1510443-09	9	2 oz. WM Clear Glass Cool to 4° C
1510443-10	10	2 oz. WM Clear Glass Cool to 4° C
1510443-11	11	2 oz. WM Clear Glass Cool to 4° C
1510443-12	12	2 oz. WM Clear Glass Cool to 4° C
1510443-13	13	2 oz. WM Clear Glass Cool to 4° C
1510443-14	14	2 oz. WM Clear Glass Cool to 4° C

FAX (203) 35<u>7-0166</u>

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# Notes and Definitions

VOA-CONT NON-COMPLIANT- the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.

| S-08          | The recovery of this surrogate w                                                                  | as outside of QC limits.                                                                            |                                                                                                                                                          |                                        |
|---------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| QL-03         | This LCS analyte recovered outs<br>may be outside acceptance wind                                 | -                                                                                                   | ns approximately 70 compounds, a limited n                                                                                                               | umber of which                         |
| J             | Detected below the Reporting L result is an estimated concentration                               |                                                                                                     | od Detection Limit (MDL/LOD) or in the cas                                                                                                               | se of a TIC, the                       |
| CCV-E         | The value reported is ESTIMAT<br>Difference for average Rf or >20                                 |                                                                                                     | avior during continuing calibration verificati                                                                                                           | on (>20%                               |
| B             | ÷                                                                                                 | d analysis batch blank. For volatiles, mething <10x the blank value as artifact.                    | nylene chloride and acetone are common lab                                                                                                               | contaminants.                          |
| *             | Analyte is not certified or the state of                                                          | the samples origination does not offer certifica                                                    | ition for the Analyte,                                                                                                                                   |                                        |
| ND            | NOT DETECTED - the analyte is no                                                                  | t detected at the Reported to level (LOQ/RL or                                                      | LOD/MDL)                                                                                                                                                 |                                        |
| RL.           | REPORTING LIMIT - the minimum                                                                     | reportable value based upon the lowest point i                                                      | n the analyte calibration curve.                                                                                                                         |                                        |
| LOQ           |                                                                                                   | curve that has been subjected to all steps of the                                                   | an be reported within a specified degree of confide<br>e processing/analysis and verified to meet defined o                                              |                                        |
| LOD           |                                                                                                   | estimate of the minimum concentration of a su<br>009 Standards and applies to all analyses cond     | bstance in a given matrix that an analytical process<br>ucted under the auspices of EPA SW-846.                                                          | a can reliably                         |
| MDL           | METHOD DETECTION LIMIT - a<br>99% confidence that the concentratio<br>600 and 200 series methods. | statistically derived estimate of the minimum a<br>n of the substance is greater than zero. This is | mount of a substance an analytical system can relia<br>based upon 40 CFR Part 136 Appendix B and app                                                     | ably detect with a<br>lies only to EPA |
| Reported to   |                                                                                                   | een this and the LOQ represents an estimated                                                        | DL, or the LOQ/RL. In cases where the "Reported<br>value which is "J" flagged accordingly. This appli                                                    |                                        |
| NR            | Not reported                                                                                      |                                                                                                     |                                                                                                                                                          |                                        |
| RPD           | Relative Percent Difference                                                                       |                                                                                                     |                                                                                                                                                          |                                        |
| Wet           | The data has been reported on an as-                                                              | received (wet weight) basis                                                                         |                                                                                                                                                          |                                        |
| Low Bias      | that this analyte may be biased low b                                                             |                                                                                                     | ory or regulatory lower control limit. The data us<br>including the LCS and site-specific MS/MSD data to<br>data can be used to evaluate such bias.      |                                        |
| High Bias     | note that this analyte may be biased l                                                            |                                                                                                     | tory or regulatory upper control limit. The data us<br>acce including the LCS and site-specific MS/MSD<br>i data can be used to evaluate such bias.      |                                        |
| Non-Dir.      | outside the laboratory or regulatory o                                                            | ontrol limit. This alerts the data user where the                                                   | (RPD) (a measure of precision) among the MS an<br>MS and MSD are from site-specific samples that<br>or indicates poor reproducibility for other reasons. | the RPD is high                        |
| and cannot be | e separated from diphenylamine (DPA)<br>m, York reports the combined result for                   | . These results could actually represent 100%                                                       | enylamine (NDPA) decomposes in the gas chromat<br>DPA, 100% NDPA or some combination of the two<br>or either of these compounds as a combined concer     | р.                                     |
| 120 R         | ESEARCH DRIVE                                                                                     | STRATFORD, CT 06615                                                                                 | (203) 325-1371                                                                                                                                           | FAX (203) 357-0166                     |



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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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| Page_/_of                                                               | ct No. 15I0443                                                                                                                                                                                                                                          | Report Type                                  | Summary Report X<br>Summary w/ QA Summary                                                     | CT RCP Package<br>CTRCP DQA/DUE Pkg | NY ASP A Package       | NI MADE PRECEDER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Electronic Data Deliveranies (EDU)<br>Simple Excel | NYSDEC EQuIS                                                 | EZ-EDD (EQuis)                                             | NUDEP SKP HazSite EDD<br>GIS/KEY (std) | Uther<br>York Regulatory Comparison                                | Excel Spreadsheet<br>Compare to the following Regs (please fill in):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                           | , Container<br>Description(s)                              | 2oz, and 4oz, glass jars | / |   |   |   |   |   |          |    |                  | Temperature                                       | > 9. ℓ∂<br>Date/Time 2 4 °C                                 | <b>۱</b>                                                                    |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------|----------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------|---|---|---|---|---|---|----------|----|------------------|---------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------------|
| Field Chain-of-Custody Record                                           | NOTE: York's Std. Terms & Conditions are listed on the back side of this document.<br>This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions. | Invoice To: YOUR Project ID Turn-Around Time | Same White Plains YMCA RUSH - Same Day 250 Mamaroneck Ave RUSH - Next Day With the Dictor NVC | Order No.                           | -                      | Constant Con | Volatiles Semi-Vola Performent Methis Mise Or      | 8270 œ 625 8082PCB RCRA8 TPH GRO PH Poll.                    | RS list Nasseu Co. BOOLN SISTHerb TALL                     | Ketones<br>Oxvenates                   | list TCLP list CT RCP list SNLPGTCLP Total Air TO15 Part 360 Rawin | CI RCP HS 224.2 ICCL HS ICLP Pest Dissolved Arr STARS Periods Periods Periods Arr STARS Periods Pe | App.IX list SPLPCTCLP TCLP BNA 608 Pest LISTBelow Methane NYSDECEME Asbestos<br>8021B list SFLPCTCLP 608 PCB LISTBelow Relium TAGM Silica | Choose Analyses Needed from the Menu Above and Enter Below | CP-51 8260 and 8270      |   |   |   |   |   |   |          |    |                  | HNO, H <sub>2</sub> SO,<br>Other                  | Samples Relinquished By Date/Time Samples Received By Date/ | Samples Relinquished By Date/Time Samples Received in LAB by <sup>7</sup> D |
| Field Ch                                                                | NOTE: York's Std.<br>cument serves as your w<br>signa                                                                                                                                                                                                   |                                              | Company:                                                                                      | Address:                            | Phone No.              | Attention:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | E-Mail Address:                                    | ist be complete.                                             | - C.                                                       | Matrix Codes<br>S- soil                | Other - specify(oil, etc.)                                         | w w - wastewater<br>GW - groundwater<br>DW - drinking water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Air-A - ambient air<br>Air-SV - soil vapor                                                                                                | Sample Matrix                                              | S                        | S | S | S | S | S | S | S        | S  | S                | Preservation<br>Check those Applicable<br>Cracial | Instructions<br>Field Filtered                              |                                                                             |
| YORK ANALYTICAL LABORATDRIKS<br>120 RESEARDH DR.<br>5170ATDRD, DT DG615 |                                                                                                                                                                                                                                                         | Report To                                    | Company: Same                                                                                 | Address                             | Phone No.              | Attention:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | E-Mail Address:                                    | III Information mi<br>ed in and the two                      | ty questions by Yo                                         |                                        | 1                                                                  | by (bignature)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                           | Date/Time Sampled                                          | 09-09-2015               | / | / |   |   | ( | / | <u> </u> | 7, | $\triangleright$ |                                                   |                                                             |                                                                             |
|                                                                         |                                                                                                                                                                                                                                                         | YOUR Information                             | Company: Northeast Environmental<br>225 Valley Place                                          | Mamaroneck NY 10543                 | Phone No. 914-777-1930 | Contact Person: Dwayne Monaco                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | E-Mail Address:                                    | Frint Clearly and Legibly. All Information must be complete. | clock will not begin until any questions by York are resol | )                                      |                                                                    | samples collected/Autrorized by (signature)<br>Rafael                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Name (printed)                                                                                                                            | Sample Identification                                      | 1                        | 2 | £ | 4 | 5 | 9 | 7 | 8        | 6  | 10               | Comments                                          | e 39 of                                                     | 40                                                                          |

| Page 2 of 2                                                            | 24 No. 15 I 0443                                                                                                                                                                                                                                        | Report Type                                  | Summary Report X<br>Summary w/ OA Summary | CT RCP Package                                   | UTINUT DUAVIDUE FKB               | NY ASP B Package<br>NIDEP Red. Deliv. | Electronic Data Deliverables (EDD) | Simple Excel<br>NVSDFC FOulS                                                                                                           | EQuIS (std)                                                    | EZ-EDD (EQuIS)                                                                                                                                         | GIS/KEY (std)                                                                                                                 | York Regulatory Comparison                                              | Excel Spreadsleet<br>Compare to the fullowing Regs (please fill in): |                                                                                                      | Container<br>Description(s)                   | 2oz, and 4oz, glass jars |    |    |    |  |  |  | Temperature                                                                    | 9:(u                    | Jate/Time 3:9 °C                                          |                                                               |
|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------------------|--------------------------------------------------|-----------------------------------|---------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------|----|----|----|--|--|--|--------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------|---------------------------------------------------------------|
| Chain-of-Custody Record                                                | NOTE: York's Std. Terms & Conditions are listed on the back side of this document.<br>This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions. | Invoice To: YOUR Project ID Turn-Around Time |                                           | White Plains NY KUSH - Next Day                  | Purchase Order No. RUSH-Three Day | 1659-15c RUSH-Four Day                | Samples from: CT_NYX NJ_St         | Volatites Semi-Vols bearcentari Metals Misc Org. Full Lits Misc.<br>2526 Eil Tro. 253 (sosper) D.D.A. 254 (sosper) D.D.A. 254 (sosper) | Site Spec.   STARS list 8081 Pest PP13 list TTPH DRO TCL Ognis | STARS list Nassau Cd BN Only 8151Herb TAL CT ETPH TAL MACH [grlieblily<br>BUEX suffek Cd Acids Only ICT RCP CT 15 list NY 316-13 Fault TCL Plash Point | Ketones PAH IIst App. IX TAGM list TPH 1664 Pull App. IX<br>Oxygendes TAGM list Site Spec. NJDEP list Air TO14A Par3609acaire | list TCLP list CT RCP list SPLP or TCLP Total Air TO15 Part 300 Boscher | t 524.2 TCL list TCLP Pest I<br>502.2 NJDEP list TCLP Herb S         | PIPUL V. Cuinuraite Jatanata Ali II. M. Mahane M. M. C. M. C. M. | ose Analyses Needed from the Menu Above and E | CP-51 8260 and 8270      |    |    |    |  |  |  | 4°C Frozen HCI MeOH HNO, H <sub>2</sub> SO, NaOH<br>ZaAc Assorbic Acid Other H | 5                       | Safriples Relinquished By Date/Time Samples Received By D | Samples Relinquished By Date/Time Sampes/Received in LAB by C |
| Field Ch                                                               | NOTE: York's Std.<br>cument serves as your w<br>signat                                                                                                                                                                                                  |                                              | Company:                                  |                                                  | Phone No.                         | Attention:                            | E-Mail Address;                    | ist be complete.                                                                                                                       | n-around time                                                  | k are resolved.                                                                                                                                        | Matrix Codes<br>S-soil                                                                                                        | Other - specify(ail, etc.)                                              | WW - wastewater<br>GW - groundwater<br>DW - drinking water           | Air-A - ambient air<br>Air-SV - soil vapor                                                           | Sample Matrix                                 | S                        | S  | S  | S  |  |  |  | Preservation<br>Check those Applicable                                         | Special<br>Instructions | Field Filtered 🗆<br>Lab to Pilter 📋                       |                                                               |
| YDRK ANALTTIDAL LABORATDRIES<br>120 REJEARDH DR.<br>GTOATCHOL ET DKA15 |                                                                                                                                                                                                                                                         | Report To:                                   | Company: Same                             | Address:                                         | Phone No.                         | Attention:                            | E-Mail Address:                    | II Information mu                                                                                                                      | ed in and the tw                                               | y questions by Yo                                                                                                                                      |                                                                                                                               |                                                                         | By (Signature)                                                       |                                                                                                      | Date/Time Sampled                             | 09-09-2015               |    |    |    |  |  |  |                                                                                | -                       |                                                           |                                                               |
|                                                                        |                                                                                                                                                                                                                                                         | YOUR Information                             | Company: Northeast Environmental          | Address: 225 Valley Place<br>Mamaroneck NY 10543 | Phone No. 914-777-1930            | Contact Person: Dwayne Monaco         | dm@northeastenvironmentat.com      | Print Clearly and Legiply. All Information must be com                                                                                 | Samples will NOT be logged in and the turn-around              | clock will not begin until any questions by York are resolved.                                                                                         |                                                                                                                               |                                                                         | Samples Collected/Authorized By (Signature)<br>Rafael                | Name (printed)                                                                                       | Sample Identification                         | 11                       | 12 | 13 | 14 |  |  |  | Domments                                                                       | je 4(                   | ) of 4                                                    | 40                                                            |

| SOIL SAFE, INC.                                                                                                                                                                                                                                              | Log Number                                                                                                      |
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| NON-HAZARDOUS MATERIAL MANIFEST                                                                                                                                                                                                                              | 17 19174                                                                                                        |
| GENERATOR                                                                                                                                                                                                                                                    |                                                                                                                 |
| Generator Name White Plank MC Apping Location                                                                                                                                                                                                                | on Same                                                                                                         |
| Address 250 Mamaromeck Ane Address                                                                                                                                                                                                                           |                                                                                                                 |
| Phone No Phone No                                                                                                                                                                                                                                            |                                                                                                                 |
| Approval<br>Number<br>M-6<br>0306<br>Contaminated<br>Soi                                                                                                                                                                                                     | ID 338 GROSS<br>GROSS 39-16 TN TARE<br>TARE 14-14 TN RECALLED<br>NET 25-02 TN NET<br>09/17/2015 09:58AM TONNAGE |
| I hereby certify that the above named material does not contain free I<br>or any applicable state law, is not a hazardous waste as defined by 4<br>law, has been properly described, classified and packaged, and is<br>according to applicable regulations. | 0 CER Part 261 or any applicable state                                                                          |
| TRANSPORTER<br>Transporter Name PACARS/ID \$50,05 Driver Name (Prin                                                                                                                                                                                          | 11) Hugo Duner                                                                                                  |
| Address 40 DEFORESTAUE Vehicle License N                                                                                                                                                                                                                     | 10./State AS29217                                                                                               |
| <u>13.144NOUZRNJ</u> Truck Number_                                                                                                                                                                                                                           | #23                                                                                                             |
| I hereby certify that the above named material was I hereby certify picked up at the generator site listed above.                                                                                                                                            | that the above named material was incident to the destination listed below.                                     |
| J-17-9-17.15 7                                                                                                                                                                                                                                               | 2.17.18                                                                                                         |
| Driver Signature Shipment Date Driver Signature                                                                                                                                                                                                              | Delivery Date                                                                                                   |
| DESTINATION                                                                                                                                                                                                                                                  |                                                                                                                 |
| Site Name <u>SSI-Metro12</u> Ph                                                                                                                                                                                                                              | one No. <u>800-562-4365</u>                                                                                     |
| Address 300 Sait Meadow Road, Carteret, NJ 07008                                                                                                                                                                                                             |                                                                                                                 |
| I hereby certify that the above named material has been accepted and to the b and accurate.                                                                                                                                                                  | est of my knowledge the foregoing is true                                                                       |
| M. Miporte                                                                                                                                                                                                                                                   | 9/17/15                                                                                                         |
| Name of Authorized Agent Signature<br>White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenr                                                                                                                                             | nd - Contractor Blue - Trucking Co.                                                                             |

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| SOIL SAFE, INC                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                               |
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| NON-HAZARDOUS MATERIAL M                                                                                                                                                                                                                                                                                                                                                                                     | ANIFEST                                                                                                                                                                       |
| GENERATOR                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                               |
| Generator Name White Plains YMCA                                                                                                                                                                                                                                                                                                                                                                             | - Shipping Location SAME                                                                                                                                                      |
| Address 250 Mamaroneck Aue                                                                                                                                                                                                                                                                                                                                                                                   | Address                                                                                                                                                                       |
| White Plains, NY. 106                                                                                                                                                                                                                                                                                                                                                                                        | 25                                                                                                                                                                            |
| Phone No.                                                                                                                                                                                                                                                                                                                                                                                                    | _ Phone No                                                                                                                                                                    |
| Description of Material                                                                                                                                                                                                                                                                                                                                                                                      | ID 326 GROSS                                                                                                                                                                  |
| Approval<br>Number<br>Mb-<br>A                                                                                                                                                                                                                                                                                                                                                                               | GROSS 30.91 IN<br>TARE 14-57 TH RECALLEARE                                                                                                                                    |
| 0306 Contaminated Soil                                                                                                                                                                                                                                                                                                                                                                                       | NET 16.34 TM NET 09/17/2015 09:494M                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                              | TONNAGE                                                                                                                                                                       |
| or any applicable state law, is not a hazardous wast<br>law, has been properly described, classified and p<br>according to applicable regulations.<br>Generator Authorized Agent Name<br>Transporter Name P.A. Carsillo + Sons<br>Address East Orange NJ.<br>I hereby certify that the above named material was<br>picked up at the generator site listed above.<br>Driver Signature Shipment Date<br>DESTIN | not contain free liquid as defined by 40 CFR Part 260.10<br>e as defined by 40 CFR Part 261 or any applicable state<br>ackaged, and is in proper condition for transportation |
| Site Name SSI-Metro12                                                                                                                                                                                                                                                                                                                                                                                        | Phone No. <u>800-562-4365</u>                                                                                                                                                 |
| Address 300 Salt Meadow Road, Carteret, NJ 07008                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                               |
| I hereby certify that the above named material has been ac<br>and accurate.                                                                                                                                                                                                                                                                                                                                  | cepted and to the best of my knowledge the foregoing is true                                                                                                                  |
| Name of Authorized Agent Signa<br>White - Facility Green - Facility Yellow - Generator                                                                                                                                                                                                                                                                                                                       | Margando - Contractor Blue - Trucking Co.                                                                                                                                     |

|                                                                                                                                                                                                                                                                                      | SOIL SAFE, INC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| or any applicable sta<br>law, has been prope<br>according to applica<br>Generator Authorized                                                                                                                                                                                         | Ate law, is not a hazardous wast<br>orly described, classified and p<br>ble regulations.<br>Agent Name<br>NICKABELIAS<br>DELLAVE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| or any applicable sta<br>law, has been prope<br>according to applica<br>Generator Authorized<br>Transporter Name<br>Address<br>                                                                                                                                                      | Agent Name<br>NICKABELLAS<br>DELLAVE<br>The above named material was                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| or any applicable sta<br>law, has been proper<br>according to applica<br>Generator Authorized<br>Transporter Name<br>Address<br><br><br><br>                                                                                                                                         | Agent Name<br>NICKABELLAS<br>DELLAVE<br>The above named material was                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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|
| or any applicable sta<br>law, has been proper<br>according to applica<br>Generator Authorized<br>Transporter Name<br>Address<br><br><br><br>I hereby certify that t<br>picked up at the gener                                                                                        | Agent Name<br>NICKABELLAS<br>Agent AVE<br>Agent site listed above.<br>Agent site listed above.<br>Agent named material was<br>ator site listed above.<br>Agent named material was<br>Agent nam | e as defined by 40 CFF<br>ackaged, and is in pro-<br>mature<br>PORTER<br>Driver Name (Print)<br>Vehicle License No./Sta<br>Truck Number<br>I hereby certify that<br>delivered without incide                                          | T Part 261 or any<br>oper condition for<br>(-q/11/15)<br>Shipplent Dat<br>$\sqrt{0000}$<br>ate $AP964$<br>11<br>the above name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | applicable sta<br>or transportation<br>te<br>ASCO<br>W (ASCO<br>ed material wa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| or any applicable sta<br>law, has been proper<br>according to applica<br>Generator Authorized<br>Transporter Name<br>Address<br>Uen vi<br>I hereby certify that t<br>picked up at the gener                                                                                          | Agent Name<br>Agent Name<br>Agent Name<br>NICKABELIAS<br>DELLAVE<br>TRANS<br>AGENT AVE<br>The above named material was<br>ator site listed above.<br>ML<br>Shipment Date<br>DESTIN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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|
| or any applicable sta<br>law, has been proper<br>according to applica<br>Generator Authorized<br>Transporter Name<br>Address<br><i>V</i> $\geq$ <i>v</i> 1<br>I hereby certify that to<br>picked up at the gener<br>Driver Signature<br>Site Name <u>SSI-Metro12</u>                 | Agent Name<br>Agent Name<br>NICKABELIAS<br>DELLAVE<br>IL NO<br>the above named material was<br>ator site listed above.<br>DESTIN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | e as defined by 40 CFF<br>ackaged, and is in pro-<br>mature<br>PORTER<br>Driver Name (Print)<br>Vehicle License No./Sta<br>Truck Number<br>I hereby certify that<br>delivered without incide<br>Driver Signature<br>NATION            | The above name of the destination is the destination of the destination is the destinati | applicable sta<br>or transportation<br>te<br>ASCO<br>M<br>ed material wa<br>on listed below.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| or any applicable sta<br>law, has been proper<br>according to applica<br>Generator Authorized<br>Transporter Name<br>Address<br>U > \vee vi<br>L hereby certify that t<br>picked up at the gener<br>Driver Signature<br>Site Name <u>SSI-Metro12</u><br>Address <u>300 Salt Mead</u> | Agent Name<br>Agent Name<br>Agent Name<br>NICKABELIAS<br>DELLAVE<br>TRANS<br>AGENT AVE<br>The above named material was<br>ator site listed above.<br>ML<br>Shipment Date<br>DESTIN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | e as defined by 40 CFF<br>ackaged, and is in pro-<br>mature<br>PORTER<br>Driver Name (Print)<br>Vehicle License No./Sta<br>Truck Number<br>I hereby certify that<br>delivered without incide<br>Driver Signature<br>NATION<br>Phone N | Part 261 or any<br>oper condition for<br>(-q/11/15)<br>Shipplent Dat<br>$\sqrt{0000}$<br>ate $APQ640$<br>11<br>the above name<br>and to the destination<br>No.800-562-4365                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | applicable sta<br>or transportation<br>te<br>ASCO<br>w (MAC)<br>ed material wa<br>on listed below.<br>Delivery Dat                                                                                                                         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| SOIL SAFE, INC.                                                                                                                           | Log Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| NON-HAZARDOUS MATERIAL MANIFEST                                                                                                           | 3 10027                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| GENERATOR                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Generator Name White Plams VMCA Shipping Location                                                                                         | Ame                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Address 250 MAMARONEAL Address                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| White HAWS NY                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Phone No Phone No                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Description of Material                                                                                                                   | 0 327 GROSS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Number                                                                                                                                    | ROSS 39.01 TN<br>ARE 13.58 TN RECALLEARE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| man MATOTVOIDUS 1                                                                                                                         | ET 25-43 TN NET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| CONTRACTED                                                                                                                                | 9/17/2015 09:13AM<br>TONNAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| picked up at the generator site listed above. delivered without incider<br>Driver Signature Shipment Date Driver Signature<br>DESTINATION | Part 261 or any applicable state<br>ber condition for transportation<br>$\frac{9/17/15}{5}$<br>shipment Date<br>$\frac{4000}{5}$ Actor<br>$\frac{4000}{5}$ |
| • · · · · · · · · · · · · · · · · · · ·                                                                                                   | 0. <u>800-562-4365</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Address <u>300 Salt Meadow Road, Carteret, NJ 07008</u>                                                                                   | ny knowlodgo the fear roles to the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| I hereby certify that the above named material has been accepted and to the best of n<br>and accurate.                                    | ny knowledge the foregoing is the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Name of Authorized Agent Signature<br>While - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contra               | Freceipt Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

| SOIL SAFE, INC                                                                                                                                     | Log Number<br>18038                                                                                                                                                                                                                             |
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| NON-HAZARDOUS MATERIAL MA                                                                                                                          |                                                                                                                                                                                                                                                 |
| GENERATOR                                                                                                                                          |                                                                                                                                                                                                                                                 |
| Generator Name While Pleins YMCA<br>Address 230 Mamaroneck Al.                                                                                     | _ Shipping Location white Plains                                                                                                                                                                                                                |
| white Plains. NY 10635                                                                                                                             | white Plains NY 10605                                                                                                                                                                                                                           |
| Phone No.                                                                                                                                          | _ Phone No                                                                                                                                                                                                                                      |
| Approval<br>Number<br>M-F<br>0306<br>Description of Material<br>Non-H2Z2rdaus<br>Contaminated Soi                                                  | ID 330         GROSS           i         SRDSS         40-71         TARE           SRDSS         40-71         TN         TARE           TARE         14-50         TN         RECALLED           NET         26-21         TN         TONNAGE |
| or any applicable state law, is not a hazardous wast<br>law, has been properly described, classified and p<br>according to applicable regulations. | not contain free liquid as defined by 40 CFR Part 260.10<br>te as defined by 40 CFR Part 261 or any applicable state<br>backaged, and is in proper condition for transportation                                                                 |
|                                                                                                                                                    | gnature Shipment Dake                                                                                                                                                                                                                           |
| Transporter Name Car 31 10                                                                                                                         | Driver Name (Print) Alejandro 12925                                                                                                                                                                                                             |
| Address <u> </u>                                                                                                                                   | Vehicle License No./State <u>A-P 248 ML</u>                                                                                                                                                                                                     |
|                                                                                                                                                    | Truck Number 20                                                                                                                                                                                                                                 |
| I hereby certify that the above named material was picked up at the generator site listed above.                                                   | I hereby certify that the above named material was delivered without incident to the destination listed below.                                                                                                                                  |
| Aller 9-17-15                                                                                                                                      | Allan 9-17-15                                                                                                                                                                                                                                   |
| Driver Signature Shipment Date                                                                                                                     | Driver Signature Delivery Date                                                                                                                                                                                                                  |
| DESTI                                                                                                                                              | NATION                                                                                                                                                                                                                                          |
| Site Name SSI-Metro12                                                                                                                              | Phone No. <u>800-562-4365</u>                                                                                                                                                                                                                   |
| Address 300 Salt Meadow Road, Carteret, NJ 07008                                                                                                   | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                           |
| I hereby certify that the above named material has been a                                                                                          | ccepted and to the best of my knowledge the foregoing is true                                                                                                                                                                                   |
| and accurate.                                                                                                                                      |                                                                                                                                                                                                                                                 |
| and accurate.                                                                                                                                      | inorto 9/17/15                                                                                                                                                                                                                                  |

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|                    | SOIL SAFE, INC                                                                                                                                 | Log Number 17986                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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|                    | NON-HAZARDOUS MATERIAL M                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                    | Address 250 Molmationeck ove                                                                                                                   | Address                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| E                  | - White Moins NY 10<br>Phone No.                                                                                                               | Phone No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                    | M6 0306<br>M6 Contaminate Soi                                                                                                                  | ID 341 GROSS<br>GROSS 40.47 TN<br>TARE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 0<br> k<br>_ a<br> | or any applicable state law, is not a hazardous was aw, has been properly described, classified and proceeding to applicable regulations. $XR$ | not contain free liquid as defined by 40 CFR Part 260.1<br>te as defined by 40 CFR Part 261 or any applicable stat<br>backaged, and is in proper condition for transportation<br>for transportation<br>gnature AMA Shipment Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                    | Transporter Name <u>Carsillo</u><br>Address <u>Fast Hanover</u>                                                                                | Priver Name (Print) Cristian Grandl<br>Vehicle License No./State A3497d<br>Truck Number 34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| р<br>(             | hereby certify that the above named material was<br>bicked up at the generator site listed above.<br>$\frac{1}{11}$                            | I hereby certify that the above named material was<br>delivered without incident to the destination listed below.<br>$\underbrace{C_{YL}}_{C_{YL}} \underbrace{C_{A}}_{C_{A}} \underbrace{C_{A}} \underbrace{C_{A}}_{C_{A}} \underbrace{C_{A}} \underbrace{C_{A}} \underbrace{C_{A}}_{C_{A}} \underbrace{C_{A}} \underbrace$ |
|                    | DEST                                                                                                                                           | INATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| S                  | Site Name SSI-Metro12                                                                                                                          | Phone No. <u>800-562-4365</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| A                  | ddress 300 Salt Meadow Road, Carteret, NJ 07008                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                    | hereby certify that the above named material has been a nd accurate.                                                                           | ccepted and to the best of my knowledge the foregoing is frue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| а                  | -Tao Ta                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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| SOIL SAFE, INC.                                                                                                                                                                                                                                                                                                                                                        | Log Number                                                                                                                                    |  |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| NON-HAZARDOUS MATERIAL MA                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                               |  |  |  |  |  |  |
| GENERATOR                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                               |  |  |  |  |  |  |
| Address 250 MLML Poerce Lise<br>WHITE PLACES, NY 10605                                                                                                                                                                                                                                                                                                                 |                                                                                                                                               |  |  |  |  |  |  |
| Phone No<br>Approval<br>Number<br>H6 0 2000<br>H6 0 2000<br>Description of Material<br>NOU NU2LEAOUS<br>COULL MUELED Soil                                                                                                                                                                                                                                              | Phone NoID 328 GROSS<br>GROSS 43.65 TH TARE<br>TARE 14.70 TH RECALLED<br>NET 28.95 TH NET<br>09/11/2015 07:37AM TONNAGE                       |  |  |  |  |  |  |
| I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. |                                                                                                                                               |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                        | Driver Name (Print) Grid Abodo                                                                                                                |  |  |  |  |  |  |
| Transporter Name     Characteria Coos       Address     Characteria Coos       UT     UT                                                                                                                                                                                                                                                                               | Vehicle License No./State <u>AU678D</u><br>Truck Number <u>I</u>                                                                              |  |  |  |  |  |  |
| I hereby certify that the above named material was picked up at the generator site listed above.                                                                                                                                                                                                                                                                       | I hereby certify that the above named material was delivered without incident to the destination listed below.                                |  |  |  |  |  |  |
| Cerl Od/ulis<br>Driver Signature Shipment Date                                                                                                                                                                                                                                                                                                                         | Griffing Signature Signature Delivery Date                                                                                                    |  |  |  |  |  |  |
| DESTI                                                                                                                                                                                                                                                                                                                                                                  | NATION                                                                                                                                        |  |  |  |  |  |  |
| Site Name SSI-Metro12                                                                                                                                                                                                                                                                                                                                                  | Phone No. <u>800-562-4365</u>                                                                                                                 |  |  |  |  |  |  |
| and accurate: Rep                                                                                                                                                                                                                                                                                                                                                      | cepted and to the best of my knowledge the foregoing is true<br>9/11/15<br>Alture<br>Pink - Broker Goldenrod - Contractor Blue - Trucking Co. |  |  |  |  |  |  |

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| SOIL SAFE, INC.                                                                                                                                                                                                                                                                       | Log Number                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| NON-HAZARDOUS MATERIAL MANIFEST                                                                                                                                                                                                                                                       | 22 06573                                                                                             |
| GENERATOR<br>Generator Name While Plan MCA Shipping Location<br>Address 250 Manaromeck Address                                                                                                                                                                                        |                                                                                                      |
| White Plains, NY                                                                                                                                                                                                                                                                      | same                                                                                                 |
| Approval<br>Number<br>MG<br>MAG Mat Soil                                                                                                                                                                                                                                              | E 14-14 TN RECALLED                                                                                  |
| I hereby certify that the above named material does not contain free liquid as<br>or any applicable state law, is not a hazardous waste as defined by 40 CFR P<br>law, has been properly described, classified and packaged, and is in proper<br>according to applicable regulations. | defined by 40 CFR Part 260.10<br>Part 261 or any applicable state<br>or condition for transportation |
| Generator Authorized Agent Name<br>Signature<br>TRANSPORTER<br>Transporter Name PACARSI/D-8-JONS<br>Address <u>HO DEFEREST AVE</u> Vehicle License No./State<br>ELHANOVER WJ Truck Number                                                                                             | Shipment Date<br>HUGONUMEZ<br>ASJ92F                                                                 |
| I hereby certify that the above named material was I hereby certify that the                                                                                                                                                                                                          | e above named material was<br>to the destination listed below.                                       |
| Site Name <u>SSI-Metro12</u> Phone No.                                                                                                                                                                                                                                                | 800-562-4365                                                                                         |
| Address 300 Salt Meadow Road, Carteret, NJ 07008                                                                                                                                                                                                                                      |                                                                                                      |
| I hereby certify that the above named material has been accepted and to the best of my and accurate.                                                                                                                                                                                  | 9/11/15                                                                                              |
| White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contracto                                                                                                                                                                                              | / Receipt Date<br>r Blue - Trucking Co.                                                              |

|                                                                                                                                                                                                                 | Log Number                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SOIL                                                                                                                                                                                                            | SAFE, INC.                                                                                                                                                                                                                   |
| NON-HAZARDOUS                                                                                                                                                                                                   | S MATERIAL MANIFEST                                                                                                                                                                                                          |
|                                                                                                                                                                                                                 | NERATOR                                                                                                                                                                                                                      |
| Generator Name <u>White TANS YM</u>                                                                                                                                                                             | Coenerator Site/Location                                                                                                                                                                                                     |
| Address 2.50 MAMANRONCEICH                                                                                                                                                                                      | AV Fedress                                                                                                                                                                                                                   |
| White PLAINSN.                                                                                                                                                                                                  | 4.10605                                                                                                                                                                                                                      |
| Phone No.                                                                                                                                                                                                       | Phone No                                                                                                                                                                                                                     |
| Approval<br>Number<br>0304<br>Non DOT/RCRA Regulated                                                                                                                                                            | NET 34.48 TH NET                                                                                                                                                                                                             |
| or any applicable state law, is not a hazardous was<br>law, has been properly described, classified and p<br>according to applicable regulations.<br><u>Artfael Contales</u><br>Génerator Authorized Agent Name | s not contain free liquid as defined by 40 CFR Part 260.10<br>ste as defined by 40 CFR Part 261 or any applicable state<br>packaged, and is in proper condition for transportation<br>a but yourky<br>ignature Shipment Date |
| Transporter Name NICKABalla'S                                                                                                                                                                                   | Driver Name (Print) NAM Soylec                                                                                                                                                                                               |
| Address <u>52N</u> DellipvE<br>KennulinT                                                                                                                                                                        | Vehicle License No. / State / EPA No. <u>AP 838/</u><br>Truck Number <u>12-</u>                                                                                                                                              |
| I hereby certify that the above named material was<br>picked up at the generator site listed above.                                                                                                             | I hereby certify that the above named material was delivered without incident to the destination listed below.                                                                                                               |
| Driver Signature Shipment Date                                                                                                                                                                                  | Driver Signature Delivery Date                                                                                                                                                                                               |
| - •                                                                                                                                                                                                             | STINATIONPhone No1-856-467-8030                                                                                                                                                                                              |
| Address                                                                                                                                                                                                         | 1. 5 PM to 10 PM By Appointment only. Saturday by appoint-                                                                                                                                                                   |
| I hereby certify that the above named material has been ac and accurate.                                                                                                                                        | eccepted and to the best of my knowledge the foregoing is true                                                                                                                                                               |
| Name of Authorized Agent Sign                                                                                                                                                                                   | Ature Receipt Date                                                                                                                                                                                                           |
|                                                                                                                                                                                                                 | Active Hecelpi Date                                                                                                                                                                                                          |

| SOIL SAFE, INC.                                                                                                                                                                                                                                                                | Log Number                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NON-HAZARDOUS MATERIAL MANIFEST                                                                                                                                                                                                                                                | 5 19197                                                                                                                                                                                                                                     |
| GENERATOR                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                             |
| Generator Name While Plains XMC Anipping Location                                                                                                                                                                                                                              |                                                                                                                                                                                                                                             |
| Address 250 Mamaroneck AneAddress (                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                             |
| White Plains NX                                                                                                                                                                                                                                                                | Same                                                                                                                                                                                                                                        |
| Phone No Phone No                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                             |
| Approval<br>Number<br>MG<br>O306 Cont Soil                                                                                                                                                                                                                                     | ID 338         GROSS           GROSS         49.83         TN         TARE           TARE         14.14         TN         RECALLED           NET         35.69         TN         NET           09/10/2015         10:05AM         TONNAGE |
| I hereby certify that the above named material does not contain free liquid<br>or any applicable state law, is not a hazardous waste as defined by 40 CFF<br>law, has been properly described, classified and packaged, and is in pro-<br>according to applicable regulations. | Part 261 or any applicable state                                                                                                                                                                                                            |
| TRANSPORTER         P.A       CARSI 1/0 & SONS       Driver Name (Print)         Address       40 DEFOKEST AVE       Vehicle License No./Star                                                                                                                                  | Hugo Ninez<br>ato ASZGZE                                                                                                                                                                                                                    |
| E-HANOVER UJ Truck Number                                                                                                                                                                                                                                                      | #23 330                                                                                                                                                                                                                                     |
| I hereby certify that the above named material was I hereby certify that picked up at the generator site listed above.                                                                                                                                                         | the above named material was<br>ent to the destination listed below.                                                                                                                                                                        |
| Driver Signature Signature Driver Signature                                                                                                                                                                                                                                    | D - 9-10-15<br>Delivery Date                                                                                                                                                                                                                |
| DESTINATION                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                             |
| Site Name <u>SSI-Metro12</u> Phone N                                                                                                                                                                                                                                           | lo. <u>800-562-4365</u>                                                                                                                                                                                                                     |
| Address 300 Salt Meadow Road, Carteret, NJ 07008                                                                                                                                                                                                                               |                                                                                                                                                                                                                                             |
| I hereby certify that the above named material has been accepted and to the best of and accurate.                                                                                                                                                                              | my knowledge the foregoing is rue                                                                                                                                                                                                           |
| Name of Authorized Agent<br>White - Facility Green - Facility Yellow - Gèneralor Pink - Broker Goldenred - Contr                                                                                                                                                               | 9/10/15<br>Receipt Date                                                                                                                                                                                                                     |

| SOIL SAFE, INC.                                                                                                                                                                                                                                                                   | Log Number                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NON-HAZARDOUS MATERIAL MANIFEST                                                                                                                                                                                                                                                   | 9 19199                                                                                                                                                                                       |
| GENERATOR<br>Generator Name While Plains / MCAstripping Location<br>Address 250 Manarone & Address<br>White Plains NX                                                                                                                                                             | ame                                                                                                                                                                                           |
| Phone No Phone No                                                                                                                                                                                                                                                                 |                                                                                                                                                                                               |
| Approval<br>Number<br>NG306 Cont Soil . ME                                                                                                                                                                                                                                        | GROSS         GROSS           ROSS         43.40 TN         TARE           WE         14.14 TN RECALLED           ET         34.26 TN         NET           9/09/2015         01:10PM TONNAGE |
| I hereby certify that the above named material does not contain free liquid as<br>or any applicable state law, is not a hazardous waste as defined by 40 CFR<br>law, has been properly described, classified and packaged, and is in prop<br>according to applicable regulations. | Part 261 or any applicable state                                                                                                                                                              |
| TRANSPORTER                                                                                                                                                                                                                                                                       |                                                                                                                                                                                               |
| Transporter Name (Prinit) Driver Name (Prinit)                                                                                                                                                                                                                                    | Hugo Nuner                                                                                                                                                                                    |
| Address <u>40 DEROREST AUE</u> Vehicle License No./State<br><u>E-HANWER</u> <u>N</u> Truck Number                                                                                                                                                                                 | · <u>HSJ921</u> -<br>3 <u>#338</u>                                                                                                                                                            |
| I hereby certify that the above named material was<br>picked up at the generator site listed above.                                                                                                                                                                               | he above named material was<br>at to the destination listed below.                                                                                                                            |
| Driver Signature Shipment Date Driver Signature                                                                                                                                                                                                                                   | Delivery Date                                                                                                                                                                                 |
| DESTINATION                                                                                                                                                                                                                                                                       | · · · · · ·                                                                                                                                                                                   |
| Site Name <u>SSI-Metro12</u> Phone No                                                                                                                                                                                                                                             | 0. <u>800-562-4365</u>                                                                                                                                                                        |
| Address 300 Salt Meadow Road, Carteret, NJ 07008                                                                                                                                                                                                                                  |                                                                                                                                                                                               |
| I hereby certify that the above named material has been accepted and to the best of mand accurate.                                                                                                                                                                                | iy knowledge the foregoing is true $Q/Q/15$                                                                                                                                                   |
| Name of Authorized Agent Signature<br>While - Facility Green - Facility Yollow - Generator Pink - Broker Goldenrad - Contrac                                                                                                                                                      | Feceipt Date<br>Blue - Trucking Co.                                                                                                                                                           |

| SOIL SAFE, INC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                 |  |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| NON-HAZARDOUS MATERIAL MA                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NIFEST 8037                                                                                                     |  |  |  |  |  |  |
| GENERATOR<br>Generator Name White Plains YMCA                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Shipping Location                                                                                               |  |  |  |  |  |  |
| Address 250 Mamaroneck Ave<br>White Plains, NY10605                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Address                                                                                                         |  |  |  |  |  |  |
| Phone No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                 |  |  |  |  |  |  |
| M6 0306<br>M6 0306<br>M6 O306<br>M6 O306                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ID 329 GROSS<br>GROSS 48-49 TN TARE<br>TARE 14-62 TH RECALLED<br>NET 33-87 TN NET<br>09/09/2015 01:02PM TONNAGE |  |  |  |  |  |  |
| I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.<br>$\begin{array}{r} \hline Aafae & g-9-1.5\\ \hline Generator Authorized Agent Name & Signature & Shlpment Date \end{array}$ |                                                                                                                 |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PORTER                                                                                                          |  |  |  |  |  |  |
| Transporter Name P.H. Carsillo # Sons                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Driver Name (Print) Cesar Machael                                                                               |  |  |  |  |  |  |
| Address E. Hanover, MJJ.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Vehicle License No./State <u>HN 280 R</u><br>Truck Number <u>19</u>                                             |  |  |  |  |  |  |
| I hereby certify that the above named material was<br>picked up at the generator site listed above.<br>Driver Signature<br>Shipment Date                                                                                                                                                                                                                                                                                                                                                             | I hereby certify that the above named material was delivered without incident to the destination listed below.  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NATION                                                                                                          |  |  |  |  |  |  |
| Site Name <u>SSI-Metro12</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Phone No. <u>800-562-4365</u>                                                                                   |  |  |  |  |  |  |
| Address 300 Salt Meadow Road, Carteret, NJ 07008                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                 |  |  |  |  |  |  |
| I hereby certify that the above named material has been act<br>and accurate.<br>Name of Authorized Agent<br>White - Facility Green - Facility Yellow - Generator                                                                                                                                                                                                                                                                                                                                     | cepted and to the best of my knowledge the foregoing is frue                                                    |  |  |  |  |  |  |

|        | SOIL SAFE, INC.<br>NON-HAZARDOUS MATERIAL MA                                                        |                                                                   | Log Number<br>Ц                                                    | 18035                                  |
|--------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------|
|        | GENERATOR                                                                                           |                                                                   |                                                                    |                                        |
|        | Generator Name White Plains YMCA                                                                    | Shinning Location                                                 | SAME                                                               |                                        |
|        | Address 250 Mamaraneck Ave                                                                          | Address                                                           |                                                                    | ······                                 |
|        | While Plains, NY. 10405                                                                             |                                                                   |                                                                    |                                        |
|        | Phone No.                                                                                           |                                                                   |                                                                    |                                        |
|        | Description of Material                                                                             |                                                                   | ID 326                                                             | GROSS                                  |
|        | Approval<br>Number<br>We-<br>Containinated Sail                                                     |                                                                   | GROSS 47.27<br>TARE 14.57                                          | IN RECALLED                            |
| £<br>• | 03.06                                                                                               |                                                                   | NET 32-70 7<br>09/09/2015 11:10                                    |                                        |
|        |                                                                                                     | a as defined by 40 Cl<br>ackaged, and is in p<br>nature<br>PORTER | FR Part 261 or any<br>roper condition fo<br>9-9-15<br>Shipment Dat | or transportation                      |
| }      | Transporter Name P.A. Carsilla +Sons                                                                | Driver Name (Print) _                                             | Tom                                                                |                                        |
| (      |                                                                                                     | Vehicle License No./S                                             | A                                                                  | )v                                     |
|        | Liz.                                                                                                | Truck Number                                                      | /                                                                  |                                        |
|        | I hereby certify that the above named material was<br>picked up at the generator site listed above. | I hereby certify that<br>delivered without inci                   |                                                                    |                                        |
| ł      | 9-9-15                                                                                              |                                                                   | 7 9.                                                               | 9-15                                   |
|        | Driver Signature Shipment Date                                                                      | Driver Signature                                                  |                                                                    | Delivery Date                          |
|        | DESTI                                                                                               | NATION                                                            |                                                                    |                                        |
|        | Site Name SSI-Metro12                                                                               | Phone                                                             | No. <u>800-562-4365</u>                                            | •••• · · · · · · · · · · · · · · · · · |
|        | Address 300 Salt Meadow Road, Carteret, NJ 07008                                                    |                                                                   |                                                                    |                                        |
|        | I hereby certify that the above named material has been ac and accurate.                            | cepted and to the best                                            | of my knowledge the                                                | foregoing is rue                       |
|        | Name of Authorized Agent Signa<br>While - Facility Green - Facility Yellow - Generator              | Plak - Broker Goldeniad - C                                       | iontractor Bkue - Trucking (                                       | GAN ARECENT DATE                       |
|        |                                                                                                     |                                                                   |                                                                    |                                        |

| SOIL SAFE, INC.                                                                     | Log Number<br>7 18033                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| NON-HAZARDOUS MATERIAL MAN                                                          |                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |
|                                                                                     | Shipping Location                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |
| Address 20 Manuaroneck.<br>White Mins NX                                            | Address Same                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |
| Phone No.                                                                           | Phone No.                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |
| Approval<br>Number<br>MG<br>0306<br>Description of Material<br>Non Han<br>Court-Soz | ID 338 GROSS<br>GROSS 50.63 TN TARE<br>TARE 14.14 TN RECALLED<br>NET 36.49 TN NET<br>09/09/2015 10:16AM TONNAGE                                                                                                                                                                                                                                                        |  |  |  |  |  |  |
| or any applicable state law, is not a hazardous waste                               | I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. |  |  |  |  |  |  |
| Generator Authorized Agent Name Sign                                                | Shipment Date                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |
| TRANSP<br>Transporter Name CARSILO & SONS                                           | Driver Name (Print) HU90 NULL                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |
| - AND STREET                                                                        | Vehicle License No./State                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |
|                                                                                     | I hereby certify that the above named material was delivered without incident to the destination listed below. $\tilde{T} = 9 - 15$                                                                                                                                                                                                                                    |  |  |  |  |  |  |
| Driver Signature Shipment Date                                                      | Driver Signature Delivery Date                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |  |
| DESTIN                                                                              |                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |
| Site Name <u>SSI-Metro12</u>                                                        | Phone No. <u>800-562-4365</u>                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |
| Address 300 Salt Meadow Road, Carteret, NJ 07008                                    |                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |
| I hereby certify that the above named material has been acca<br>and accurate.       | epted and to the best of my knowledge the foregoing is true                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |
| Name of Authorized Agent Signatu                                                    | Receipt Date                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |
| White - Facility Graph - Facility Yellow - Generator                                | Pink - Broker Goldenrod - Cantractor Blue - Trucking Co.                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |

| SOIL SAFE, INC.                                                                                                                                    | Log Number<br>18036                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NON-HAZARDOUS MATERIAL MA                                                                                                                          |                                                                                                                                                                                                       |
| GENERATOR                                                                                                                                          |                                                                                                                                                                                                       |
| Generator Name White Plains YMCA                                                                                                                   | Shipping Location Same                                                                                                                                                                                |
| Address 250 Mamaraneck Ace                                                                                                                         | Address                                                                                                                                                                                               |
| White Plains, MY 10605                                                                                                                             |                                                                                                                                                                                                       |
| Phone No.                                                                                                                                          | _ Phone No                                                                                                                                                                                            |
| M6 Q3CG<br>M6 Description of Material<br>Non Haz<br>Contaminated Soil                                                                              | ID 329 GROSS<br>GROSS 45.59 TN<br>TARE 14.62 TN RECALLEARE<br>NET 30.97 TN NET<br>09/09/2015 10:14AM<br>TONNAGE                                                                                       |
| or any applicable state law, is not a hazardous wast<br>law, has been properly described, classified and p<br>according to applicable regulations. | not contain free liquid as defined by 40 CFR Part 260.10<br>e as defined by 40 CFR Part 261 or any applicable state<br>ackaged, and is in proper condition for transportation<br>mature Shipment Date |
| Transporter Name                                                                                                                                   | Driver Name (Print) <u>Cesar Machade</u>                                                                                                                                                              |
|                                                                                                                                                    | Driver Name (Print) <u>Cesar Machada</u><br>Vehicle License No./State <u>AN 280 R</u>                                                                                                                 |
| AddressE. Hanover, NJ.                                                                                                                             | Truck Number                                                                                                                                                                                          |
| I hereby certify that the above named material was picked up at the generator site listed above.                                                   | I hereby certify that the above named material was delivered without incident to the destination listed below.                                                                                        |
| Driver Signature Shipment Date                                                                                                                     | Driver Signature Delivery Date                                                                                                                                                                        |
|                                                                                                                                                    | NATION                                                                                                                                                                                                |
| Site Name SSI-Metro12                                                                                                                              | Phone No. <u>800-562-4365</u>                                                                                                                                                                         |
| Address 300 Salt Meadow Road, Carteret, NJ 07008                                                                                                   |                                                                                                                                                                                                       |
| I hereby certify that the above named material has been ac<br>and accurate.                                                                        | cepted and to the best of my knowledge the foregoing is true                                                                                                                                          |
| TR TR                                                                                                                                              | yport 9/9/15                                                                                                                                                                                          |
| Name of Authorized Agent Signs<br>White - Facility Green - Facility Yellow - Generator                                                             | Rure Aeceipt Date<br>Plok - Broker Goldenrod - Contractor Blue - Trucking Co.                                                                                                                         |

NAME:

#### NYS DEC #3A-500 EPA #NYR-000083766 CT-HW #763

**Manifest Number** 

7327 8-24-15 DATE:

|                                     | BILL TO (IF DIFFERENT FROM LOCATION)                 |
|-------------------------------------|------------------------------------------------------|
| INFORMATION/ATTENTION LINE          | INFORMATION/ATTENTION LINE                           |
| ADDRESS<br>250 MAMARONECR DE        | ADDRESS                                              |
| CITY STATE ZIP<br>WEIJTE PLAINS NOV | CITY STATE ZIP<br>PHONE NUMBER PURCHASE ORDER NUMBER |
| TIME IN TIME OUT                    |                                                      |
| DRIVERS                             | NOTES                                                |
| VAC 01 1426 SALS.                   | $\mathcal{G}$ . $\mathcal{S}$ . $\mathcal{T}$ .      |

|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                         | SER                                                 | VICE SECT                                                                                                                                               | IÖN                                            |                                                                                  |                                                                                                                                                                                                                      |                                                                          |                                                                                            |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--|
| WASTE CODE                                                                                                                                           | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                   | DRUMS                                                                                   | 3                                                   | GALLONS                                                                                                                                                 | UN                                             | TPRICE                                                                           | PRICE                                                                                                                                                                                                                | TAX                                                                      | LINE TOTAL                                                                                 |  |
| 1993                                                                                                                                                 | USED OIL REMOVAL                                                                                                                                                                                                                                                                                                                                                                              |                                                                                         |                                                     | 1426                                                                                                                                                    |                                                |                                                                                  |                                                                                                                                                                                                                      |                                                                          |                                                                                            |  |
| 1993                                                                                                                                                 | OILY WATER DISPOSAL                                                                                                                                                                                                                                                                                                                                                                           |                                                                                         |                                                     |                                                                                                                                                         |                                                |                                                                                  |                                                                                                                                                                                                                      |                                                                          |                                                                                            |  |
| 1325                                                                                                                                                 | SLUDGE DISPOSAL                                                                                                                                                                                                                                                                                                                                                                               |                                                                                         |                                                     |                                                                                                                                                         |                                                |                                                                                  |                                                                                                                                                                                                                      |                                                                          |                                                                                            |  |
| 1203                                                                                                                                                 | GASOLINE/WATER                                                                                                                                                                                                                                                                                                                                                                                |                                                                                         | .                                                   |                                                                                                                                                         |                                                |                                                                                  |                                                                                                                                                                                                                      |                                                                          |                                                                                            |  |
|                                                                                                                                                      | DRUM DISPOSAL (NON-HAZ)                                                                                                                                                                                                                                                                                                                                                                       | •                                                                                       |                                                     |                                                                                                                                                         |                                                |                                                                                  |                                                                                                                                                                                                                      |                                                                          |                                                                                            |  |
|                                                                                                                                                      | DRUM DISPOSAL (HAZ)                                                                                                                                                                                                                                                                                                                                                                           |                                                                                         |                                                     |                                                                                                                                                         |                                                |                                                                                  |                                                                                                                                                                                                                      |                                                                          |                                                                                            |  |
|                                                                                                                                                      | TANK CLEANING                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                         |                                                     |                                                                                                                                                         |                                                |                                                                                  |                                                                                                                                                                                                                      |                                                                          |                                                                                            |  |
|                                                                                                                                                      | VACUUM SERVICE                                                                                                                                                                                                                                                                                                                                                                                |                                                                                         |                                                     |                                                                                                                                                         |                                                |                                                                                  |                                                                                                                                                                                                                      |                                                                          |                                                                                            |  |
|                                                                                                                                                      | TRUCK HOURLY RATE                                                                                                                                                                                                                                                                                                                                                                             |                                                                                         |                                                     |                                                                                                                                                         |                                                |                                                                                  |                                                                                                                                                                                                                      |                                                                          |                                                                                            |  |
|                                                                                                                                                      | TRANSPORTATION                                                                                                                                                                                                                                                                                                                                                                                |                                                                                         |                                                     |                                                                                                                                                         |                                                |                                                                                  |                                                                                                                                                                                                                      | *                                                                        |                                                                                            |  |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                         |                                                     |                                                                                                                                                         |                                                |                                                                                  |                                                                                                                                                                                                                      |                                                                          |                                                                                            |  |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                         |                                                     |                                                                                                                                                         |                                                |                                                                                  |                                                                                                                                                                                                                      |                                                                          |                                                                                            |  |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                         |                                                     |                                                                                                                                                         |                                                |                                                                                  |                                                                                                                                                                                                                      |                                                                          |                                                                                            |  |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                         |                                                     |                                                                                                                                                         |                                                |                                                                                  |                                                                                                                                                                                                                      |                                                                          |                                                                                            |  |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                         |                                                     |                                                                                                                                                         |                                                |                                                                                  |                                                                                                                                                                                                                      |                                                                          |                                                                                            |  |
| Terms-Net<br>15 Days                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                         |                                                     | ONDITIONALL<br>XEMPT SMAL                                                                                                                               | L                                              | TOTAL                                                                            |                                                                                                                                                                                                                      |                                                                          |                                                                                            |  |
| PROVIDED NO<br>BEEN MIXED<br>QUANTITY WI<br>BIPHENYLF I<br>HAZARDOUS \<br>NOT LIMITED<br>INDEMNIFY AN<br>FOR ANY DAN<br>OUT OF OR IN                 | VARBANTS AND REPRESENTS THAT THE M<br>RTHEAST ENVIRONMENTAL HEREUNDER I<br>, COMBINED OR OTHERWISE BLENDE<br>TH MATERIALS CONTAINING POLYCHLC<br>PCB) OR ANY OTHER MATERIAL DEF<br>VASTE UNDER APPLICABLE LAWS, INCLU<br>TO 40 CFR PART 261, GENERATOR AG<br>ID HOLD NORTHEAST ENVIRONMENTAL H<br>MAGES, COSTS, ATTORNEY'S PEES, ETC<br>I ANY WAY RELATED TO A BREACH OF TH<br>THE GENERATOR. | AVE NOT<br>D IN ANY<br>DRINATED<br>INED AS<br>DING BUT<br>REES TO<br>ARMLESS<br>ARMLESS | l certi<br>generat<br>of haza<br>defined<br>not acc | VTITY GENERA<br>CERTIFICATION<br>tes less than 100 klk<br>rodus waste per mo<br>in 40 C.F.R. 261, an<br>sumulato more than<br>mis of such waste<br>ath. | erator<br>ograms<br>nin, as<br>d does<br>1.000 | INTERES<br>PER ANN<br>INVOICES                                                   | E MY ACCOUNT F<br>CTION UNLESS OT<br>DIN THE PAYMENT<br>D REFLECTING CH/<br>AER ARE SUBJEC<br>TF RATE OF THE LE<br>UM) OR THE MAXIM<br>5 THAT ARE NOT PAI<br>NORTHEAST ENVI<br>WER COSTS OF CO<br>SY'S FEES. INITIAL | SSER OF 1-1/2%<br>UM RATE ALLOWE<br>D WITHIN 15 DAYS<br>RONMENTAL INC SI | PER MONTH (18%<br>D BY LAW ON ANY<br>IN THE EVENT OF<br>4ALL BE ENTITLED<br>ING REASONABLE |  |
| Generator certifies that the waste is 🔲 used cil                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                         | GENERATOR'S SIGNATURE                               |                                                                                                                                                         | Ē                                              |                                                                                  | PAYMENT RE                                                                                                                                                                                                           | ECEIVED SE                                                               | CTION                                                                                      |  |
| il oily water D Other                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                         | NON CONDITIONALLY                                   |                                                                                                                                                         | LLY                                            | CASH 🗋                                                                           |                                                                                                                                                                                                                      | TOTAL                                                                    | TOTAL RECEIVED                                                                             |  |
| DESCRIPTION<br>In accordance the N.J.A.C. 7:26-12.1 et seq. Northeast Environmental<br>has the required permits to accept the above described waste. |                                                                                                                                                                                                                                                                                                                                                                                               | າກອກໄລໄ                                                                                 | EXEMPT LARGE<br>QUANTITY GENERATOR<br>CERTIFICATION |                                                                                                                                                         | TOR                                            | CHECK<br>MULKER<br>In accordance with NJAC7;28-6, 76 + 40 CFR PART 279, Northeat |                                                                                                                                                                                                                      |                                                                          |                                                                                            |  |
| PRINT NAME TITLE                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                         | Dexsil CDT                                          |                                                                                                                                                         |                                                | Environmen                                                                       | ital has notified the US I                                                                                                                                                                                           | EPA of it's used off mar                                                 | agement activities.                                                                        |  |
| SIGNATURE                                                                                                                                            | DATE                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                         |                                                     | Test Results                                                                                                                                            |                                                | PRINT NA                                                                         | ME                                                                                                                                                                                                                   |                                                                          |                                                                                            |  |
| L                                                                                                                                                    | GENERATOR/CUSTOMER                                                                                                                                                                                                                                                                                                                                                                            |                                                                                         | PPM_                                                |                                                                                                                                                         |                                                | SIGNATUP                                                                         | RE<br>NORTHEAST ENVIRO                                                                                                                                                                                               |                                                                          | DATE                                                                                       |  |

NAME: \_\_\_\_\_\_

#### NYS DEC #3A-500 EPA #NYR-000083766 CT-HW #763

Manifest Number

7332 date: <u>8-3/-/5</u>

| GE                         | NERATOR/LOCATION                      | _ BILI               | TO (IF DIFFERENT FROM LOCATION)       |
|----------------------------|---------------------------------------|----------------------|---------------------------------------|
| NAME                       | · · · · · · · · · · · · · · · · · · · | NAME                 | · · · · · · · · · · · · · · · · · · · |
| INFORMATION/ATTENTION LINE | E ETA ONSITE                          | INFORMATION/ATTEN    | TION LINE                             |
| ADDRESS                    |                                       | ADDRESS              | · · · · · · · · · · · · · · · · · · · |
|                            |                                       | CITY<br>PHONE NUMBER | STATE ZIP<br>PURCHASE ORDER NUMBER    |
| TIMEIN                     | TIME OUT                              |                      |                                       |
|                            | DR                                    | IVERS NOTES          |                                       |
|                            | VAC OUT                               | - Exch               | VATION                                |

|                                                                                                                                                      | SERVICE SECTION                                                                                                                                                                                                                                                                                                                                                                                |               |                                                                                                                                                                                                       |                                                          |                                                                                                    |                                                                                                                                                                                                                  |                                                                                                                                                                |                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| WASTE CODE                                                                                                                                           | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                    | DRUMS         | GALLONS                                                                                                                                                                                               | UNIT P                                                   | RICE                                                                                               | PRICE                                                                                                                                                                                                            | TAX                                                                                                                                                            | LINE TOTAL                                                                                 |
| 1993                                                                                                                                                 | USED OIL REMOVAL                                                                                                                                                                                                                                                                                                                                                                               |               | 414                                                                                                                                                                                                   |                                                          |                                                                                                    |                                                                                                                                                                                                                  | 1                                                                                                                                                              |                                                                                            |
| 1993                                                                                                                                                 | OILY WATER DISPOSAL                                                                                                                                                                                                                                                                                                                                                                            |               |                                                                                                                                                                                                       |                                                          |                                                                                                    |                                                                                                                                                                                                                  |                                                                                                                                                                |                                                                                            |
| 1325                                                                                                                                                 | SLUDGE DISPOSAL                                                                                                                                                                                                                                                                                                                                                                                |               |                                                                                                                                                                                                       |                                                          |                                                                                                    |                                                                                                                                                                                                                  |                                                                                                                                                                |                                                                                            |
| 1203                                                                                                                                                 | GASOLINE/WATER                                                                                                                                                                                                                                                                                                                                                                                 |               |                                                                                                                                                                                                       |                                                          |                                                                                                    |                                                                                                                                                                                                                  |                                                                                                                                                                |                                                                                            |
|                                                                                                                                                      | DRUM DISPOSAL (NON-HAZ)                                                                                                                                                                                                                                                                                                                                                                        |               |                                                                                                                                                                                                       |                                                          |                                                                                                    |                                                                                                                                                                                                                  |                                                                                                                                                                |                                                                                            |
|                                                                                                                                                      | DRUM DISPOSAL (HAZ)                                                                                                                                                                                                                                                                                                                                                                            |               |                                                                                                                                                                                                       |                                                          |                                                                                                    |                                                                                                                                                                                                                  |                                                                                                                                                                |                                                                                            |
|                                                                                                                                                      | TANK CLEANING                                                                                                                                                                                                                                                                                                                                                                                  |               |                                                                                                                                                                                                       |                                                          |                                                                                                    |                                                                                                                                                                                                                  |                                                                                                                                                                |                                                                                            |
|                                                                                                                                                      | VACUUM SERVICE                                                                                                                                                                                                                                                                                                                                                                                 |               |                                                                                                                                                                                                       |                                                          |                                                                                                    |                                                                                                                                                                                                                  |                                                                                                                                                                |                                                                                            |
|                                                                                                                                                      | TRUCK HOURLY BATE                                                                                                                                                                                                                                                                                                                                                                              |               |                                                                                                                                                                                                       | 1                                                        |                                                                                                    |                                                                                                                                                                                                                  |                                                                                                                                                                |                                                                                            |
|                                                                                                                                                      | TRANSPORTATION                                                                                                                                                                                                                                                                                                                                                                                 |               |                                                                                                                                                                                                       | 1                                                        |                                                                                                    | ·                                                                                                                                                                                                                |                                                                                                                                                                |                                                                                            |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                |               |                                                                                                                                                                                                       | 1                                                        |                                                                                                    |                                                                                                                                                                                                                  |                                                                                                                                                                |                                                                                            |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                |               |                                                                                                                                                                                                       |                                                          |                                                                                                    |                                                                                                                                                                                                                  |                                                                                                                                                                |                                                                                            |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                |               |                                                                                                                                                                                                       |                                                          |                                                                                                    |                                                                                                                                                                                                                  |                                                                                                                                                                |                                                                                            |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                |               |                                                                                                                                                                                                       |                                                          |                                                                                                    |                                                                                                                                                                                                                  |                                                                                                                                                                |                                                                                            |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                |               |                                                                                                                                                                                                       |                                                          |                                                                                                    |                                                                                                                                                                                                                  |                                                                                                                                                                |                                                                                            |
|                                                                                                                                                      | Terms<br>15 D                                                                                                                                                                                                                                                                                                                                                                                  |               | CONDITIONALL<br>EXEMPT SMAL                                                                                                                                                                           |                                                          | TOTAL                                                                                              |                                                                                                                                                                                                                  |                                                                                                                                                                |                                                                                            |
| BEEN MIXED<br>QUANTITY W<br>BIPHENYLF<br>HAZARDOUS<br>NOT LIMITED<br>INDEMNIFY AI<br>FOR ANY DAI<br>OUT OF OR IN                                     | WARRANTS AND REPRESENTS THAT THE M<br>RTHEAST ENVIRONMENTAL HEREUNDER<br>, COMBINED OR OTHERWISE BLENDE<br>TH MATERIALS CONTAINING POLYCHLO<br>(PCB) OR ANY OTHER MATERIAL DEF<br>WASTE UNDER APPLICABLE LAWS, INCLU<br>TO 40 CFR PART 261, GENERATOR AG<br>VO HOLD NORTHEAST ENVIRONMENTAL H<br>MAGES, COSTS, ATTORNEY'S FEES, ETC<br>( ANY WAY RELATED TO A BREACH OF TH<br>Y THE GENERATOR. | ATERIALS      | JANTITY GENER,<br>CERTIFICATIO<br>certify that this ger<br>nerates less than 100 kil<br>hazardous waste per m<br>ined in 40 C.F.R. 261, ar<br>a accumulate more than<br>grams of such waste<br>month. | N<br>lograms<br>milh, as<br>nd does<br>n 1,000<br>during | TRANSAC<br>INDICATE<br>INVOICED<br>CUSTOM<br>INTERES<br>PER ANN<br>INVOICES<br>DEFAULT,<br>TO RECO | MY ACCOUNT F<br>DTION UNLESS OT<br>D IN THE PAYMENT<br>D REFLECTING CH/<br>IER ARE SUBJEC<br>T RATE OF THE LE<br>UM) OR THE MAXIM<br>THAT ARE NOT PAI<br>NORTHEAST ENVIR<br>VER COSTS OF CO<br>Y'S FEES, INITIAL | COR THIS<br>HERWISE<br>SECTION<br>ANGES TO<br>DT TO AN<br>SSER OF 1-1/2% F<br>AUM RATE ALLOWER<br>ID WITHIN 15 DAYS.<br>ROMMENTAL INC. SH<br>LLECTION, INCLUDI | YER MONTH (18%<br>D BY LAW ON ANY<br>IN THE EVENT OF<br>IALL BE ENTITLED<br>ING REASONABLE |
| Generator certilies that the waste is 🔲 used oil                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                | GE            | GENERATOR'S SIGNATURE                                                                                                                                                                                 |                                                          | F                                                                                                  | AYMENT RE                                                                                                                                                                                                        | ECEIVED SE                                                                                                                                                     | CTION                                                                                      |
| 🗋 oily water 🔲 Other                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                | ·   ·         | NON CONDITIONALLY                                                                                                                                                                                     |                                                          | CASH 🗆                                                                                             |                                                                                                                                                                                                                  |                                                                                                                                                                | RECEIVED                                                                                   |
| DESCRIPTION<br>In accordance the N.J.A.C. 7:28-12.1 et seq. Northeast Environmental<br>has the required permits to accept the above described waste. |                                                                                                                                                                                                                                                                                                                                                                                                |               | EXEMPT LARGE                                                                                                                                                                                          |                                                          | CHECK<br>NUMBER<br>In accordance with NJAC7;26-6, 76 + 40 CFR PART 279, Northea                    |                                                                                                                                                                                                                  |                                                                                                                                                                |                                                                                            |
| PRINT NAME                                                                                                                                           | TFILE                                                                                                                                                                                                                                                                                                                                                                                          | [             | Dexsil CDT<br>Test Results                                                                                                                                                                            |                                                          | Environment                                                                                        |                                                                                                                                                                                                                  | EPA of it's used oil man                                                                                                                                       | agement activities.                                                                        |
| SIGNATURE                                                                                                                                            | DATE<br>GENERATOR/CUSTOMER                                                                                                                                                                                                                                                                                                                                                                     | <sub>PF</sub> | PM                                                                                                                                                                                                    |                                                          |                                                                                                    |                                                                                                                                                                                                                  |                                                                                                                                                                |                                                                                            |
| l                                                                                                                                                    | GENERATORYOGSTOMER                                                                                                                                                                                                                                                                                                                                                                             |               |                                                                                                                                                                                                       | <sup>s</sup>                                             | SIGNATUR                                                                                           |                                                                                                                                                                                                                  | ONMENTAL REPRES                                                                                                                                                |                                                                                            |

#### NYS DEC #3A-500 EPA #NYR-000083766 CT-HW #763

**Manifest Number** 

7342

| NAME:                                 | DATE: 9-8-15                         |
|---------------------------------------|--------------------------------------|
| GENERATOR/LOCATION                    | BILL TO (IF DIFFERENT FROM LOCATION) |
|                                       | NAME                                 |
| INFORMATION/ATTENTION LINE ETA ONSITE | INFORMATION/ATTENTION LINE           |
| ADDRESS                               | ADDRESS                              |
| CITY M. CA, MAMARONEZIE /             | COTTY STATE ZIP                      |
| WHITE PLAINS MM                       | PHONE NUMBER PURCHASE ORDER NUMBER   |
| TIME OUT                              |                                      |
|                                       |                                      |
| DRIVER                                | IS NOTES                             |
| VAC EXCAVA                            | TION                                 |

|                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                 | S                                            | ERVICE SECT                                                                                                                                                                                                     | ION                                           |                                                                         |                                                                                                                                                                                                                         |                                                                                                        |                                                                                          |  |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--|
| WASTE CODE                                                                                                                      | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                     | DRUMS                                        | GALLONS                                                                                                                                                                                                         | UNIT                                          | PRICE                                                                   | PRICE                                                                                                                                                                                                                   | TAX                                                                                                    | LINE TOTAL                                                                               |  |
| 1993                                                                                                                            | USED OIL REMOVAL                                                                                                                                                                                                                                                                                                                                                                                |                                              | ~                                                                                                                                                                                                               |                                               |                                                                         |                                                                                                                                                                                                                         |                                                                                                        |                                                                                          |  |
| 1993                                                                                                                            | OILY WATER DISPOSAL                                                                                                                                                                                                                                                                                                                                                                             |                                              | 765                                                                                                                                                                                                             |                                               |                                                                         |                                                                                                                                                                                                                         |                                                                                                        |                                                                                          |  |
| 1325                                                                                                                            | SLUDGE DISPOSAL                                                                                                                                                                                                                                                                                                                                                                                 |                                              |                                                                                                                                                                                                                 |                                               |                                                                         |                                                                                                                                                                                                                         |                                                                                                        |                                                                                          |  |
| 1203                                                                                                                            | GASOLINE/WATER                                                                                                                                                                                                                                                                                                                                                                                  |                                              |                                                                                                                                                                                                                 |                                               |                                                                         |                                                                                                                                                                                                                         |                                                                                                        |                                                                                          |  |
|                                                                                                                                 | DRUM DISPOSAL (NON-HAZ)                                                                                                                                                                                                                                                                                                                                                                         |                                              |                                                                                                                                                                                                                 |                                               |                                                                         |                                                                                                                                                                                                                         |                                                                                                        |                                                                                          |  |
|                                                                                                                                 | DRUM DISPOSAL (HAZ)                                                                                                                                                                                                                                                                                                                                                                             |                                              |                                                                                                                                                                                                                 |                                               |                                                                         |                                                                                                                                                                                                                         |                                                                                                        |                                                                                          |  |
|                                                                                                                                 | TANK CLEANING                                                                                                                                                                                                                                                                                                                                                                                   |                                              |                                                                                                                                                                                                                 |                                               |                                                                         | Í                                                                                                                                                                                                                       |                                                                                                        |                                                                                          |  |
|                                                                                                                                 | VACUUM SERVICE                                                                                                                                                                                                                                                                                                                                                                                  |                                              |                                                                                                                                                                                                                 |                                               |                                                                         |                                                                                                                                                                                                                         |                                                                                                        |                                                                                          |  |
|                                                                                                                                 | TRUCK HOURLY RATE                                                                                                                                                                                                                                                                                                                                                                               |                                              |                                                                                                                                                                                                                 |                                               |                                                                         |                                                                                                                                                                                                                         |                                                                                                        |                                                                                          |  |
|                                                                                                                                 | TRANSPORTATION                                                                                                                                                                                                                                                                                                                                                                                  |                                              |                                                                                                                                                                                                                 |                                               |                                                                         |                                                                                                                                                                                                                         |                                                                                                        |                                                                                          |  |
|                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                 |                                              |                                                                                                                                                                                                                 |                                               |                                                                         |                                                                                                                                                                                                                         |                                                                                                        |                                                                                          |  |
|                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                 |                                              |                                                                                                                                                                                                                 |                                               |                                                                         |                                                                                                                                                                                                                         |                                                                                                        |                                                                                          |  |
|                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                 |                                              |                                                                                                                                                                                                                 |                                               |                                                                         |                                                                                                                                                                                                                         |                                                                                                        |                                                                                          |  |
|                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                 |                                              |                                                                                                                                                                                                                 |                                               |                                                                         |                                                                                                                                                                                                                         |                                                                                                        |                                                                                          |  |
|                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                 |                                              |                                                                                                                                                                                                                 |                                               |                                                                         |                                                                                                                                                                                                                         |                                                                                                        |                                                                                          |  |
| Terms-Net<br>15 Days                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                 |                                              | CONDITIONALL<br>EXEMPT SMAL                                                                                                                                                                                     | Ĺ                                             | TOTAL                                                                   |                                                                                                                                                                                                                         |                                                                                                        |                                                                                          |  |
| PROVIDED NO<br>BEEN MIXED<br>QUANTITY W<br>BIPHENYLF<br>HAZARDOUS<br>NOT LIMITED<br>INDEMNIFY AI<br>FOR ANY DAN<br>OUT OF OR II | WARRANTS AND REPRESENTS THAT THE M<br>NATHEAST ENVIRONMENTAL HEREUNDER<br>, COMBINED OR OTHERWISE BLENDE<br>(TH MATERIALS CONTAINING POLYCHLC<br>(PCB) OR ANY OTHER MATERIAL DEF<br>WASTE UNDER APPLICABLE LAWS, INCLU<br>TO 40 CFR PART 261, GENERATOR AG<br>VD HOLD NORTHEAST ENVIRONMENTAL H<br>WAGES, COSTS, ATTORNEYS FEES, ETO<br>V AGAES, COSTS, ATTORNEYS FEES, ETO<br>V THE GENERATOR. | ATERIALS<br>HAVE NOT<br>D IN ANY<br>DRINATED | CERTIFICATION<br>CERTIFICATION<br>Certify that this gen<br>enerates less than 100 kills<br>hazardous waste per mo<br>sined in 40 C.F.R. 261, an<br>of accumulate more than<br>lograms of such waste<br>e month. | v<br>ograms<br>onth, as<br>nd does<br>n 1.000 | TRANSA<br>INDICATE<br>INVOICE<br>CUSTO<br>INTERES<br>PER ANN<br>INVOICE | E MY ACCOUNT F<br>CTION UNLESS OT<br>ED IN THE PAYMENT<br>D REFLECTING CH4<br>MER ARE SUBJEC<br>T RATE OF THE LE<br>UM) OR THE MAXIM<br>S THAT ARE NOT PAI<br>NORTHEAST ENVIEN<br>WER COSTS OF CO<br>TY'S FEES. INITIAL | HERWISE<br>SECTION.<br>NGES TO<br>IT TO AN<br>SSER OF 1-1/2% F<br>IUM RATE ALLOWEI<br>D WITHIN 15 DAYS | ER MONTH (18%<br>) BY LAW ON ANY<br>IN THE EVENT OF<br>IALL BE ENTITLED<br>NG REASONABLE |  |
| Generator certifies that the waste is Dused oil                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                 | G                                            | GENERATOR'S SIGNATURE                                                                                                                                                                                           |                                               |                                                                         | PAYMENT RE                                                                                                                                                                                                              | ECEIVED SE                                                                                             | CTION                                                                                    |  |
| 🗆 oily water 🔲 Other                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                 |                                              | NON CONDITIONALLY                                                                                                                                                                                               |                                               | CASH 🗆                                                                  |                                                                                                                                                                                                                         | TOTAL                                                                                                  | TOTAL RECEIVED                                                                           |  |
|                                                                                                                                 | DESCRIPTION<br>the N.J.A.C. 7:26-12.1 et seq. Northeast Enviro<br>d permils to accept the above described waste                                                                                                                                                                                                                                                                                 |                                              | EXEMPT LARG<br>UANTITY GENER/<br>CERTIFICATION                                                                                                                                                                  | ATOR                                          |                                                                         | ance with NJAC7;26<br>stal has notified the US f                                                                                                                                                                        |                                                                                                        |                                                                                          |  |
| PRINT NAME                                                                                                                      | TITLE                                                                                                                                                                                                                                                                                                                                                                                           |                                              | Dexsil CDT                                                                                                                                                                                                      |                                               |                                                                         |                                                                                                                                                                                                                         |                                                                                                        |                                                                                          |  |
| SIGNATURE                                                                                                                       | DATE                                                                                                                                                                                                                                                                                                                                                                                            |                                              | Test Results                                                                                                                                                                                                    |                                               | PRINT NA                                                                | ME                                                                                                                                                                                                                      |                                                                                                        |                                                                                          |  |
|                                                                                                                                 | GENERATOR/CUSTOMER                                                                                                                                                                                                                                                                                                                                                                              | P                                            | PM                                                                                                                                                                                                              |                                               | SIGNATU                                                                 | RE<br>NORTHEAST ENVIRO                                                                                                                                                                                                  | ONMENTAL REPRES                                                                                        | DATE                                                                                     |  |

NAME: \_\_\_\_\_

#### NYS DEC #3A-500 EPA #NYR-000083766 CT-HW #763

**Manifest Number** 

7345 <u>9-10-15</u>

DATE:

| GENE | RATOR/LOCATION | BILL TO (IF DIFFERENT FROM LOCATION)                       |
|------|----------------|------------------------------------------------------------|
|      |                | ADDRESS CITY STATE ZIP PHONE NUMBER PLINCHASE ORDER NUMBER |
|      |                | NOTES                                                      |

VAC EXCAUNTION

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|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | S                                                                                                                    | ERVICE SECT                                                                                                                                                                                                                          | ION                                                                                                                                     |                                                                                                                                                                                                                                                     |                                                                                                                                                                   |                                                       |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--|
| WASTE CODE                                                                                                                                           | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DRUMS                                                                                                                | GALLONS                                                                                                                                                                                                                              | UNIT PRI                                                                                                                                | CE PRICE                                                                                                                                                                                                                                            | TAX                                                                                                                                                               | LINE TOTAL                                            |  |
| 1993                                                                                                                                                 | USED OIL REMOVAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                      |                                                                                                                                                                                                                                      |                                                                                                                                         |                                                                                                                                                                                                                                                     |                                                                                                                                                                   |                                                       |  |
| 1993                                                                                                                                                 | OILY WATER DISPOSAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                      | 1335                                                                                                                                                                                                                                 |                                                                                                                                         |                                                                                                                                                                                                                                                     | -                                                                                                                                                                 |                                                       |  |
| 1325                                                                                                                                                 | SLUDGE DISPOSAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                      |                                                                                                                                                                                                                                      |                                                                                                                                         |                                                                                                                                                                                                                                                     |                                                                                                                                                                   |                                                       |  |
| 1203                                                                                                                                                 | GASOLINE/WATER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                      |                                                                                                                                                                                                                                      |                                                                                                                                         |                                                                                                                                                                                                                                                     |                                                                                                                                                                   | 1                                                     |  |
|                                                                                                                                                      | DRUM DISPOSAL (NON-HAZ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                      |                                                                                                                                                                                                                                      |                                                                                                                                         |                                                                                                                                                                                                                                                     |                                                                                                                                                                   |                                                       |  |
|                                                                                                                                                      | DRUM DISPOSAL (HAZ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                      |                                                                                                                                                                                                                                      |                                                                                                                                         |                                                                                                                                                                                                                                                     |                                                                                                                                                                   |                                                       |  |
|                                                                                                                                                      | TANK CLEANING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                      |                                                                                                                                                                                                                                      |                                                                                                                                         | •                                                                                                                                                                                                                                                   |                                                                                                                                                                   |                                                       |  |
|                                                                                                                                                      | VACUUM SERVICE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                      |                                                                                                                                                                                                                                      |                                                                                                                                         |                                                                                                                                                                                                                                                     |                                                                                                                                                                   |                                                       |  |
|                                                                                                                                                      | TRUCK HOURLY RATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                      |                                                                                                                                                                                                                                      |                                                                                                                                         |                                                                                                                                                                                                                                                     |                                                                                                                                                                   |                                                       |  |
|                                                                                                                                                      | TRANSPORTATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                      |                                                                                                                                                                                                                                      |                                                                                                                                         |                                                                                                                                                                                                                                                     |                                                                                                                                                                   |                                                       |  |
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| PROVIDED NO<br>BEEN MIXED,<br>QUANTITY WI<br>BIPHENYLF (<br>HAZARDOUS V<br>NOT LIMITED<br>INDEMNIFY AN<br>FOR ANY DAA<br>OUT OF OR IN<br>WARRANTY BY | Terms<br>15 Dr<br>15 Dr<br>15 Dr<br>15 Dr<br>15 Dr<br>16 Dr | AYS<br>ATERIALS<br>TAVE NOT<br>JIN ANY<br>RINATED<br>INED AS<br>JING BUT<br>REES TO<br>ARMLESS<br>ARISING<br>E ABOVE | CONDITIONALL<br>EXEMPT SMALI<br>JANTITY GENERA<br>CERTIFICATION<br>ierlify that this gen<br>erates less than 100 kits<br>nazardous wasle per mo<br>ned in 40 C.F.R. 261, an<br>accumulate more than<br>grams of such waste<br>month. | ATOR<br>I INC<br>erator<br>Inh, as<br>1,000<br>during<br>DE<br>TO<br>INC<br>INC<br>INC<br>INC<br>INC<br>INC<br>INC<br>INC<br>INC<br>INC | TAL<br>ARGE MY ACCOUNT<br>ANSACTION UNLESS<br>SOCATED IN THE PAYME!<br>OICED REFLECTING C<br>STOMER ARE SUBJ<br>EREST RATE OF THE<br>R ANNUM OR THE MAD<br>OICES THAT ARE NOT<br>FAULT, NORTHEAST EN<br>RECOVER COSTS OF C<br>ORNEY'S FEES, INITIAL | OTHERWISE<br>NT SECTION.<br>HANGES TO<br>ECT TO AN<br>LESSER OF 1-1/2% I<br>(IMUM RATE ALLOWE<br>PAID WITHIN 15 DAYS.<br>VIRONMENTAL INC. S<br>COLLECTION, INCLUD | IN THE EVENT OF<br>HALL BE ENTITLED<br>ING REASONABLE |  |
|                                                                                                                                                      | ies that the waste is 📋 used oil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                      |                                                                                                                                                                                                                                      |                                                                                                                                         | PAYMENT                                                                                                                                                                                                                                             | RECEIVED SE                                                                                                                                                       | CTION                                                 |  |
| City water Other                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                      | NON CONDITIONALLY<br>EXEMPT LARGE                                                                                                                                                                                                    |                                                                                                                                         | CASH 🗍                                                                                                                                                                                                                                              | TOTAL                                                                                                                                                             | TOTAL RECEIVED                                        |  |
|                                                                                                                                                      | he N.J.A.C. 7:26-12.1 et seq. Northeast Environ<br>I permits to accept the above described waste.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | imental QL                                                                                                           | JANTITY GENERA<br>CERTIFICATION                                                                                                                                                                                                      |                                                                                                                                         | cx<br>usen<br>ccordance with NJAC7;<br>ronmental has notified the U                                                                                                                                                                                 |                                                                                                                                                                   |                                                       |  |
| PRINT NAME                                                                                                                                           | TITLE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                      | Dexsil CDT<br>Test Results                                                                                                                                                                                                           |                                                                                                                                         |                                                                                                                                                                                                                                                     |                                                                                                                                                                   |                                                       |  |
| SIGNATURE                                                                                                                                            | DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                      |                                                                                                                                                                                                                                      |                                                                                                                                         | YEDAME                                                                                                                                                                                                                                              | R-                                                                                                                                                                | 9-10                                                  |  |
|                                                                                                                                                      | GENERATOR/CUSTOMER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PP                                                                                                                   | M                                                                                                                                                                                                                                    | SIGI                                                                                                                                    | NATURE                                                                                                                                                                                                                                              | RONMENTAL REPRES                                                                                                                                                  | DATE                                                  |  |

| PAYMENT RECEIPT<br>Brookfield Resource Management                                                                                                                                                                                                                     | PAYMENT RECEIPT                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 100 Lamont Street         100 Lamont Street         Elmsford, NY 10523         914-592-5250         Receipt: 1041044         Date: 08/26/2015         Customer: 38292         Time: 11:22         NORTHEAST ENVIRONMENTAL         VALLEY PLACE         MAMARONECK, NY | Pascap Co, Inc.           4250 Boston Road           Bronx, NY 10475           (718)325-7200 (914)725-3300           FACILITY ID NO. 7003010 SCP           NYC DCA License # 0437184-0764024           Receipt: 0914166           Date: 08/26/2015 |
| Ticket: 1159713         Weigh In: 08/26/2015         11:10           Operator: 6         Weigh Out: 08/26/2015         11:22           Description: TRK# 21                                                                                                           | Customer: 1242 Time: 13:17<br>NORTHEAST ENVIRONMENTAL<br>225 Valley Place<br>MAMARONECK, NY 10543                                                                                                                                                  |
| Commodity Gross Tare Net Price TOTAL \$<br>#1 Unprepared 32820 25740 7080 2.100/CW \$148.68<br>Ticket Total                                                                                                                                                           | Ticket:         1525753         Weigh In:         08/26/2015           Operator:         9         Weigh Out:         08/26/2015                                                                                                                   |
| # of Tickets: 1<br>Pald by EZCash Total Pald                                                                                                                                                                                                                          | Commodity         Gross         Tare         Net         Price           ST TANK TO         31920         25780         6140         4.000//           Ticket Total                                                                                |
| Let Uş Know How We're Doing<br>(Info@brookfieldco.com)                                                                                                                                                                                                                | # of Tickets: 1<br>Pald by EZCash<br>Rounded to nearest \$1.00                                                                                                                                                                                     |

Weigh In: 08/26/2015 13 04 Weigh Out: 08/26/2015 13:14

Ticket Total

4.000/CW

TOTAL \$



### <u>CERTIFICATE OF COMPLIANCE</u> DEPARTMENT OF BUILDING THE CITY OF WHITE PLAINS, NEW YORK

Certificate No: 15-13898 RE: Application No: 2015-0067MEC Permit No: 2015-0067MEC Date of Issue: 12/21/2015

THIS CERTIFIES THAT THE BUILDING (or portion of the building as noted below) located at:

250 MAMARONECK AVE

Unit No: City of White Plains, New York SBL: 130.28-9-3

May be used subject to the following conditions:

Type of Use Authorized: 682 Portion of Building to be Occupied:

Land/Use Conditions:

All final inspections have been made by this department for the work performed under Permit 2015-0067MEC to REMOVAL OF ONE 12,000 GALLON NO. 2 OIL UST TO GAS at the above mentioned premises. These inspections indicate that the work have been completed to the satisfaction of this department.

THIS CERTIFICATE IS ISSUED TO: Northeast Environmental, Inc.

OWNER: YMCA 250 MAMARONECK AVE THOMAS HAY WHITE PLAINS NY 10605

DAMON A. AMADIO, P.F. COMMISSIONER OF BUILDING

| OF WHI<br>HHL<br>HHL<br>STATES                                                                           | Survey and                                                   | CITY OF WH<br>DEPARTME<br>70 C                                     | NT OF BU<br>hurch Street<br>ains, N.Y. 1060 | NS, N.Y.<br>JILDING<br>01                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application #:<br>Permit #:                                                                              | 2015-0067MEC<br>2015-0067MEC                                 |                                                                    | Permit Type:<br>Date Issued:                | COM - MEC<br>5/4/2015                                                                                                                                                                         |
| Site Address: 250 N                                                                                      | MAMARONECK AVE                                               |                                                                    | Applicant:                                  |                                                                                                                                                                                               |
| SBL #: 130.2                                                                                             |                                                              |                                                                    |                                             | 225 Valley Place<br>Mamaroneck NY 10543                                                                                                                                                       |
| ·                                                                                                        | Russo                                                        |                                                                    |                                             | _                                                                                                                                                                                             |
|                                                                                                          | REMOVAL OF ONE 12                                            | 2,000 GALLON NO. 2                                                 | OIL UST TO GA                               | AS                                                                                                                                                                                            |
| Fees:<br>Estimated Cost                                                                                  | \$12000.00                                                   | Com - Add/Alt                                                      |                                             | Check No. 35284 \$265.00<br>Total Fees: \$265.00                                                                                                                                              |
| Owner:                                                                                                   | YMCA<br>250 MAMARONECK A<br>THOMAS HAY<br>WHITE PLAINS NY 10 |                                                                    |                                             |                                                                                                                                                                                               |
| Builder/Contractor<br>Northeast Environme<br>225 Valley Place<br>Mamaroneck NY 105<br>Tel # 914 777 1930 |                                                              |                                                                    |                                             |                                                                                                                                                                                               |
|                                                                                                          |                                                              |                                                                    |                                             | C-11                                                                                                                                                                                          |
| Con                                                                                                      | nmissioner of Building                                       |                                                                    |                                             | Code Enforcement Officer                                                                                                                                                                      |
| PERMITS. TH<br>INSPECTION<br>ELECTRICAL                                                                  | HE BUILDING CODE REQU<br>IS AS FOLLOWS: EXCAVA               | IRES THAT NOTICE BE<br>TION, FOOTINGS, FOU<br>ATION AND FINAL INSF | GIVEN TO THE NDATIONS, ALL                  | S PERMIT DOES NOT REPLACE ANY OTHER REQUIRED<br>CODE ENFORCEMENT OFFICER FOR ALL MANDATORY<br>CONCRETE POURS, FRAME & MASONRY, INSULATION,<br>ERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT |
| REQUIRING                                                                                                |                                                              | RORS IN PLANS OR                                                   | IN CONSTRUC                                 | SIONER OF BUILDING FROM THEREAFTER<br>CTION, OR OF VIOLATIONS OF THE WHITE PLAINS<br>ES.                                                                                                      |
|                                                                                                          |                                                              |                                                                    | PORTANT                                     |                                                                                                                                                                                               |
|                                                                                                          | THIS PERMI                                                   | T MUST BE KEF                                                      | PT IN FULL                                  | VIEW ON THE JOB SITE                                                                                                                                                                          |
|                                                                                                          |                                                              |                                                                    |                                             |                                                                                                                                                                                               |
|                                                                                                          |                                                              |                                                                    |                                             |                                                                                                                                                                                               |
|                                                                                                          |                                                              |                                                                    |                                             |                                                                                                                                                                                               |
|                                                                                                          |                                                              |                                                                    |                                             |                                                                                                                                                                                               |
|                                                                                                          |                                                              |                                                                    |                                             |                                                                                                                                                                                               |
|                                                                                                          |                                                              |                                                                    |                                             |                                                                                                                                                                                               |
|                                                                                                          |                                                              |                                                                    |                                             |                                                                                                                                                                                               |

| http://www.dec.ny.gov/cfmv/extapps/derexternal/spills/details.cfm[12/9/2015 &:42:01 AM] | Andress: Sour WANNEY Westchester<br>Spill Description<br>Material Spiller Amount Spiller Resource Affects<br><u>source</u> : Tank Test Failure<br>Source: Institutional, Educational, Gov., Other<br>Source: Institutional, Educational, Gov., Other<br>Waterbody:<br>Pace Spill Closed: 12/08/2015<br>"Date Spill Closed" means the date the spill case was closed<br>because either; a) the records and data submitted indicate that the necessary cleanup and<br>removal actions have been completed and no further remedial activities are necessary, or b)<br>the case was closed for administrative reasons (e.g., multiple reports of a single spill<br>consolidated into a single spill number). The Department however reserves the right to<br>require additional remedial work in relation to the spill, if in the future it determines that further<br>action is necessary.<br>Mean Tue Start                                                                                                                                                                                                                                           | Cord<br>trative Information<br>hr: 3<br>er: 1410006<br>e/Time<br>e/Time<br>e/Time<br>e/Time: 12:16:00 PM<br>01/12/2015 Spill Time: 12:16:00 PM<br>red Date: 01/12/2015 Call Received Time: 12:16:00 PM<br>red Date: 01/12/2015 Call Received Time: 12:16:00 PM                                          | Spill Incidents Database Search |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| http://www.dee.ny.gov/cfmv/cxtapps/dcrewtemal/spiils/dctails.cfm[12/9/2015 8:42:43 AM]  | Address: 2010 MWWARCURECKAVE<br>City: WHITE PLANS County: Westhester<br>Split Description<br>Materia Splited Amount Splited Resource Affected<br>2 fuel oil UNKNOWN Soli<br>Casse: Other<br>Source: Institutional, Educational, Gov., Other<br>Source: Institutional, Educational, Gov., Other<br>Set Split Closed<br>Date Split Closed' means the date the split case was closed by the case manager in the<br>Department of Environmental Conservation (the Department). The split case was closed<br>be cause either; a) the records and data submitted indicate that the necessary cleanup and<br>removal actions have been completed and no turther remedial activities are necessary, or b)<br>the case was closed for administrative reasons (e.g., multiple reports of a single split<br>consolidated into a single split number). The Department however reserves the right to<br>require additional remedial work in relation to the split, if in the future it determines that further<br>action is necessary.<br>If you have questions about this reported incident, please contact the Regional Office where the<br>incident occurred. | Spill Incidents Database Search Details<br>Spill Record<br>Administrative Information<br>DEC Region: 3<br>Spill Number: 1505596<br>Spill Date/Time<br>Spill Date: 08/25/2015 Spill Time: 11:10:00 AM<br>Call Received Date: 08/25/2015 Call Received Time: 11:10:00 AM<br>Spill Name: WHITE PLAINS YMCA | Spill Incidents Database Scarch |



# Spill Incidents Database Search Details

# Spill Record

## Administrative Information

DEC Region: 3 Spill Number: 0609639

### **Spill Date/Time**

Spill Date: 11/22/2006 Spill Time: 09:13:00 AM Call Received Date: 11/22/2006 Call Received Time: 09:13:00 AM

## Location

Spill Name: WHITE PLAINS YMCA Address: 250 MAMARONECK AVE City: WHITE PLAINS County: Westchester

## **Spill Description**

### Material Spilled Amount Spilled Resource Affected

#2 fuel oil 100 Gal. Soil Cause: Equipment Failure Source: Institutional, Educational, Gov., Other Waterbody:

## **Record Close**

### Date Spill Closed: 01/10/2007

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

Return To Results



# Spill Incidents Database Search Details

# Spill Record

### **Administrative Information**

DEC Region: 3 Spill Number: 0103636

### **Spill Date/Time**

Spill Date: 07/05/2001 Spill Time: 03:40:00 AM Call Received Date: 07/05/2001 Call Received Time: 06:41:00 AM

Sewer

### Location

Spill Name: YMCA Address: 250 MAMARONECK AVE City: WHITE PLAINS County: Westchester

## **Spill Description**

#### Material Spilled Amount Spilled Resource Affected

#2 fuel oil 40 Gal. Cause: Equipment Failure Source: Commercial/Industrial Waterbody:

### **Record Close**

#### Date Spill Closed: 02/19/2002

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

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# Spill Incidents Database Search Details

# Spill Record

## Administrative Information

DEC Region: 3 Spill Number: 9204628

### **Spill Date/Time**

Spill Date: 07/22/1992 Spill Time: 01:55:00 PM Call Received Date: 07/22/1992 Call Received Time: 02:09:00 PM

Soil

## Location

Spill Name: YMCA Address: 250 MAMARONECK AVE City: WHITE PLAINS County: Westchester

## **Spill Description**

### Material Spilled Amount Spilled Resource Affected

#2 fuel oil 20 Gal. Cause: Human Error Source: Commercial/Industrial Waterbody:

### **Record Close**

### Date Spill Closed: 11/07/1997

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

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# Spill Incidents Database Search Details

# Spill Record

### **Administrative Information**

DEC Region: 3 Spill Number: 9010653

### **Spill Date/Time**

Spill Date: 01/05/1991 Spill Time: 09:40:00 AM Call Received Date: 01/05/1991 Call Received Time: 10:04:00 AM

Soil

### Location

Spill Name: YMCA Address: 250 MAMARONECK AVE City: WHITE PLAINS County: Westchester

### **Spill Description**

#### Material Spilled Amount Spilled Resource Affected

#2 fuel oil 5 Gal. Cause: Equipment Failure Source: Commercial/Industrial Waterbody:

### **Record Close**

#### Date Spill Closed: 05/01/1991

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

**Return To Results** 



# Spill Incidents Database Search Details

# Spill Record

## Administrative Information

DEC Region: 3 Spill Number: 9009604

### **Spill Date/Time**

Spill Date: 12/04/1990 Spill Time: 12:00:00 PM Call Received Date: 12/04/1990 Call Received Time: 02:25:00 PM

Soil

## Location

Spill Name: YMCA Address: 250 MAMARONECK AVE City: WHITE PLAINS County: Westchester

## **Spill Description**

#### Material Spilled Amount Spilled Resource Affected

#2 fuel oil 50 Gal. Cause: Human Error Source: Commercial/Industrial Waterbody:

### **Record Close**

### Date Spill Closed: 12/14/1990

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

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# **Spill Incidents Database Search Details**

# Spill Record

### **Administrative Information**

DEC Region: 3 Spill Number: 9010124

### **Spill Date/Time**

Spill Date: 12/18/1990 Spill Time: 10:15:00 AM Call Received Date: 12/18/1990 Call Received Time: 10:37:00 AM

Soil

### Location

Spill Name: YMCA Address: 250 MAMARONECK AVE City: WHITE PLAINS County: Westchester

### **Spill Description**

#### Material Spilled Amount Spilled Resource Affected

#2 fuel oil 20 Gal. Cause: Equipment Failure Source: Tank Truck Waterbody:

### **Record Close**

#### Date Spill Closed: 12/20/1990

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

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# **APPENDIX 2:**

Geologic Logs

| GEOLOGIC LOG                                                   |                                                                                                                      |                                                |                                                              |                                                         | OWNER / CLIENT: YMCA                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|                                                                |                                                                                                                      |                                                |                                                              |                                                         | WELL NO.: GB-1                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| HydroEnvironmental<br>solutions, inc.                          |                                                                                                                      |                                                |                                                              |                                                         | PAGE 1 OF 1 PAGES                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| SITE LOCATION: 250 Mamaroneck Avenue<br>White Plains, New York |                                                                                                                      |                                                |                                                              |                                                         |                                                                                        | SCREEN SIZE & TYPE: 1-inch Sch. 40 PVC<br>SLOT NO.: 20 SETTING: 12 – 2 ftbg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |
| DATE                                                           | COMPLET                                                                                                              | ED: 3/19/18                                    | 3                                                            |                                                         | SAND PACK SIZE & TYPE:                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                                                                |                                                                                                                      | PANY: HES                                      |                                                              |                                                         | SETTING                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                                                                |                                                                                                                      |                                                | ,                                                            |                                                         |                                                                                        | SIZE & TYPE: 1-inch Sch. 40 PVC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| DRILLI                                                         | NG METH                                                                                                              | OD: Geop                                       | robe® 54DT                                                   |                                                         | 1                                                                                      | <b>G</b> : 2 – 0 ftbg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                                                                |                                                                                                                      | HOD: 2.25-                                     |                                                              |                                                         | SEAL TY                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| DRILLE                                                         | ER and/or                                                                                                            | OBSERVE                                        | R: PWD, DKS, AF                                              | C                                                       | SETTING                                                                                | 3:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |
|                                                                |                                                                                                                      | INT (RP): C                                    |                                                              |                                                         | BACKFI                                                                                 | L TYPE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|                                                                | TION OF                                                                                                              |                                                |                                                              |                                                         | STATIC                                                                                 | WATER LEVEL:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
| STICK-                                                         | UP:                                                                                                                  |                                                |                                                              |                                                         | DEVELO                                                                                 | DEVELOPMENT METHOD:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
| SURFACE COMPLETION:                                            |                                                                                                                      |                                                |                                                              |                                                         |                                                                                        | ON: – YIELD: –                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
| REMARKS: Exterior boring                                       |                                                                                                                      |                                                |                                                              |                                                         |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| ABBREVIATIONS: SS = split spoon W = wash C = o                 |                                                                                                                      |                                                |                                                              |                                                         | cuttings<br>  = feet belo                                                              | G = grab ST = shelby tube<br>w grade MC = macro core sampler                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
| <u> </u>                                                       |                                                                                                                      |                                                |                                                              |                                                         |                                                                                        | w grade MC = macro core sampler                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| DEPTH<br>FROM                                                  |                                                                                                                      |                                                |                                                              |                                                         |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                                                                | TO                                                                                                                   | SAMPLE<br>TYPE                                 | BLOW<br>COUNT                                                | REC.<br>(FEET)                                          | PID<br>READING<br>(PPM)                                                                | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |
| 0                                                              | 1                                                                                                                    | -                                              |                                                              |                                                         | PID<br>READING                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| 0                                                              | то                                                                                                                   | -                                              |                                                              |                                                         | PID<br>READING                                                                         | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |
| -                                                              | <b>TO</b><br>0.2                                                                                                     | ТҮРЕ                                           |                                                              | (FEET)                                                  | PID<br>READING<br>(PPM)                                                                | DESCRIPTION<br>ASPHALT<br>SILT and SAND (fine) trace GRAVEL (medium; angular);<br>Dry to moist; Light brown; No fuel oil odor<br>CLAY some SILT; Brown to gray; Moist; No fuel oil odor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
| 0.2                                                            | TO           0.2           2.0                                                                                       | МС                                             | COUNT                                                        | (FEET)<br>1.7                                           | PID<br>READING<br>(PPM)<br>0.0                                                         | DESCRIPTION<br>ASPHALT<br>SILT and SAND (fine) trace GRAVEL (medium; angular);<br>Dry to moist; Light brown; No fuel oil odor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |
| 0.2                                                            | TO           0.2           2.0           4.0                                                                         | MC<br>MC                                       | COUNT<br>-<br>-                                              | (FEET)<br>1.7<br>2.0                                    | PID<br>READING<br>(PPM)<br>0.0<br>0.0                                                  | DESCRIPTION ASPHALT SILT and SAND (fine) trace GRAVEL (medium; angular); Dry to moist; Light brown; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor CLAY some SILT trace ASPHALT; Brown to gray; Moist; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
| 0.2<br>2.0<br>4.0                                              | TO           0.2           2.0           4.0           6.0                                                           | TYPE<br>MC<br>MC<br>MC                         | COUNT<br>-<br>-<br>-                                         | (FEET)<br>1.7<br>2.0<br>2.0                             | PID<br>READING<br>(PPM)<br>0.0<br>0.0<br>0.0<br>0.0                                    | DESCRIPTION ASPHALT SILT and SAND (fine) trace GRAVEL (medium; angular); Dry to moist; Light brown; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor CLAY some SILT trace ASPHALT; Brown to gray; Moist; No fuel oil odor                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |
| 0.2<br>2.0<br>4.0<br>6.0                                       | TO           0.2           2.0           4.0           6.0           8.0                                             | TYPE<br>MC<br>MC<br>MC<br>MC                   | COUNT<br>-<br>-<br>-<br>-<br>-                               | (FEET)<br>1.7<br>2.0<br>2.0<br>2.0                      | PID<br>READING<br>(PPM)<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0                             | DESCRIPTION ASPHALT SILT and SAND (fine) trace GRAVEL (medium; angular); Dry to moist; Light brown; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor CLAY some SILT trace ASPHALT; Brown to gray; Moist; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor                                                                                                                                                                                                                                                                      |  |  |
| 0.2<br>2.0<br>4.0<br>6.0<br>8.0                                | TO           0.2           2.0           4.0           6.0           8.0           9.0                               | TYPE<br>MC<br>MC<br>MC<br>MC<br>MC             | COUNT                                                        | (FEET)<br>1.7<br>2.0<br>2.0<br>2.0<br>1.0               | PID<br>READING<br>(PPM)<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0                      | DESCRIPTION           ASPHALT           SILT and SAND (fine) trace GRAVEL (medium; angular);<br>Dry to moist; Light brown; No fuel oil odor           CLAY some SILT; Brown to gray; Moist; No fuel oil odor           CLAY some SILT trace ASPHALT; Brown to gray; Moist; No fuel oil odor           CLAY some SILT; Brown to gray; Moist; No fuel oil odor           CLAY some SILT trace ASPHALT; Brown to gray; Moist; No fuel oil odor           CLAY some SILT; Brown to gray; Moist; No fuel oil odor           CLAY some SILT; Brown to gray; Moist; No fuel oil odor                                                                                                              |  |  |
| 0.2<br>2.0<br>4.0<br>6.0<br>8.0<br>9.0                         | TO           0.2           2.0           4.0           6.0           8.0           9.0           10.0                | TYPE<br>MC<br>MC<br>MC<br>MC<br>MC<br>MC       | COUNT<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>- | (FEET)<br>1.7<br>2.0<br>2.0<br>2.0<br>1.0<br>1.0        | PID<br>READING<br>(PPM)<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0               | DESCRIPTION         ASPHALT         SILT and SAND (fine) trace GRAVEL (medium; angular);<br>Dry to moist; Light brown; No fuel oil odor         CLAY some SILT; Brown to gray; Moist; No fuel oil odor         CLAY some SILT trace ASPHALT; Brown to gray; Moist; No fuel oil odor         CLAY some SILT; Brown to gray; Moist; No fuel oil odor         CLAY some SILT trace GRAVEL; Brown to gray; Moist; No fuel oil odor         CLAY some SILT; Brown to gray; Moist; No fuel oil odor         CLAY some SILT; Brown to gray; Moist; No fuel oil odor         CLAY some SILT; Brown to gray; Moist; No fuel oil odor         CLAY some SILT; Brown to gray; Moist; No fuel oil odor |  |  |
| 0.2<br>2.0<br>4.0<br>6.0<br>8.0<br>9.0<br>10.0                 | TO           0.2           2.0           4.0           6.0           8.0           9.0           10.0           11.0 | TYPE<br>MC<br>MC<br>MC<br>MC<br>MC<br>MC<br>MC | COUNT<br>                                                    | (FEET)<br>1.7<br>2.0<br>2.0<br>2.0<br>1.0<br>1.0<br>1.0 | PID<br>READING<br>(PPM)<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0 | DESCRIPTION ASPHALT SILT and SAND (fine) trace GRAVEL (medium; angular); Dry to moist; Light brown; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor CLAY some SILT trace ASPHALT; Brown to gray; Moist; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor                                                                                                 |  |  |
| 0.2<br>2.0<br>4.0<br>6.0<br>8.0<br>9.0<br>10.0                 | TO           0.2           2.0           4.0           6.0           8.0           9.0           10.0           11.0 | TYPE<br>MC<br>MC<br>MC<br>MC<br>MC<br>MC<br>MC | COUNT<br>                                                    | (FEET)<br>1.7<br>2.0<br>2.0<br>2.0<br>1.0<br>1.0<br>1.0 | PID<br>READING<br>(PPM)<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0 | DESCRIPTION ASPHALT SILT and SAND (fine) trace GRAVEL (medium; angular); Dry to moist; Light brown; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor CLAY some SILT trace ASPHALT; Brown to gray; Moist; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor CLAY some SILT trace GRAVEL; Brown to gray; Moist; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor                                                                                    |  |  |
| 0.2<br>2.0<br>4.0<br>6.0<br>8.0<br>9.0<br>10.0                 | TO           0.2           2.0           4.0           6.0           8.0           9.0           10.0           11.0 | TYPE<br>MC<br>MC<br>MC<br>MC<br>MC<br>MC<br>MC | COUNT<br>                                                    | (FEET)<br>1.7<br>2.0<br>2.0<br>2.0<br>1.0<br>1.0<br>1.0 | PID<br>READING<br>(PPM)<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0 | DESCRIPTION ASPHALT SILT and SAND (fine) trace GRAVEL (medium; angular); Dry to moist; Light brown; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor CLAY some SILT trace ASPHALT; Brown to gray; Moist; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor CLAY some SILT trace GRAVEL; Brown to gray; Moist; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor CLAY some SILT; Brown to gray; Moist; No fuel oil odor                                                                                    |  |  |

| GEOLOGIC LOG                                                   |                |                     |                         |                | OWNER / CLIENT: YMCA    |                                                                                                                                                                                                                                                                 |  |  |
|----------------------------------------------------------------|----------------|---------------------|-------------------------|----------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| HydroEnvironmental                                             |                |                     |                         |                | WELL NO.: GB-2          |                                                                                                                                                                                                                                                                 |  |  |
| HydroEnvironmental<br>solutions, inc.                          |                |                     |                         |                | PAGE 1 OF 1 PAGES       |                                                                                                                                                                                                                                                                 |  |  |
| SITE LOCATION: 250 Mamaroneck Avenue<br>White Plains, New York |                |                     |                         |                |                         | SCREEN SIZE & TYPE:<br>SLOT NO.: SETTING:                                                                                                                                                                                                                       |  |  |
| DATE COMPLETED: 3/19/18                                        |                |                     |                         |                |                         | SLOT NO.: SETTING:<br>SAND PACK SIZE & TYPE:                                                                                                                                                                                                                    |  |  |
|                                                                |                |                     |                         |                | SETTING                 |                                                                                                                                                                                                                                                                 |  |  |
| DRILLING COMPANY: HES, Inc.                                    |                |                     |                         |                |                         | SIZE & TYPE:                                                                                                                                                                                                                                                    |  |  |
| DRILLI                                                         | NG METH        | I <b>OD</b> : Geop  | robe® 54DT              |                | SETTING                 | 3:                                                                                                                                                                                                                                                              |  |  |
| SAMPL                                                          | ING MET        | HOD: 2.25-          | inch MC                 |                | SEAL TY                 | /PE:                                                                                                                                                                                                                                                            |  |  |
| DRILLE                                                         | ER and/or      | OBSERVE             | <b>R</b> : PWD, DKS, AF | -C             | SETTING                 | G:                                                                                                                                                                                                                                                              |  |  |
| REFER                                                          |                | <b>INT (RP)</b> : ( | Grade                   |                | BACKFI                  | LL TYPE:                                                                                                                                                                                                                                                        |  |  |
| ELEVA                                                          | TION OF        | RP:                 |                         |                | STATIC                  | STATIC WATER LEVEL:                                                                                                                                                                                                                                             |  |  |
| STICK                                                          | UP:            |                     |                         |                | DEVELOPMENT METHOD:     |                                                                                                                                                                                                                                                                 |  |  |
| SURFACE COMPLETION:                                            |                |                     |                         |                | DURATI                  | ON: – YIELD: –                                                                                                                                                                                                                                                  |  |  |
| REMARKS: Exterior boring                                       |                |                     |                         |                |                         | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                           |  |  |
|                                                                |                |                     |                         |                | cuttings<br>= feet belo | G = grab ST = shelby tube<br>w grade MC = macro core sampler                                                                                                                                                                                                    |  |  |
|                                                                |                |                     |                         |                |                         |                                                                                                                                                                                                                                                                 |  |  |
| DEPTH<br>FROM                                                  | t (FEET)<br>TO | SAMPLE<br>TYPE      | BLOW<br>COUNT           | REC.<br>(FEET) | PID<br>READING<br>(PPM) | DESCRIPTION                                                                                                                                                                                                                                                     |  |  |
| 0                                                              | 0.2            |                     |                         |                |                         | ASPHALT                                                                                                                                                                                                                                                         |  |  |
| 0.2                                                            | 4.0            | МС                  | -                       | 2.0            | 0.0                     |                                                                                                                                                                                                                                                                 |  |  |
| 4.0                                                            | 8.0            |                     |                         |                |                         | SILT and SAND (medium) trace CLAY; Light brown; Moist;<br>No fuel oil odor                                                                                                                                                                                      |  |  |
|                                                                | 0.0            | MC                  | -                       | 1.5            | 0.0                     |                                                                                                                                                                                                                                                                 |  |  |
| 8.0                                                            | 12.0           | MC<br>MC            | -                       | 2.5            | 0.0                     | No fuel oil odor<br>SILT and SAND some GRAVEL (fine to medium; sub-<br>angular) trace BRICK; Light brown; Moist; No fuel oil odor<br>CLAY some SILT; Light brown; Moist; No fuel oil odor                                                                       |  |  |
| 12.0                                                           | 12.0<br>12.5   | MC<br>MC            | -                       | 2.5<br>0.5     | 0.0                     | No fuel oil odor<br>SILT and SAND some GRAVEL (fine to medium; sub-<br>angular) trace BRICK; Light brown; Moist; No fuel oil odor<br>CLAY some SILT; Light brown; Moist; No fuel oil odor<br>CLAY some SILT some BRICK; Light brown; Moist; No fuel<br>oil odor |  |  |
|                                                                | 12.0           | МС                  |                         | 2.5            | 0.0                     | No fuel oil odor<br>SILT and SAND some GRAVEL (fine to medium; sub-<br>angular) trace BRICK; Light brown; Moist; No fuel oil odor<br>CLAY some SILT; Light brown; Moist; No fuel oil odor<br>CLAY some SILT some BRICK; Light brown; Moist; No fuel             |  |  |
| 12.0                                                           | 12.0<br>12.5   | MC<br>MC            | -                       | 2.5<br>0.5     | 0.0                     | No fuel oil odor<br>SILT and SAND some GRAVEL (fine to medium; sub-<br>angular) trace BRICK; Light brown; Moist; No fuel oil odor<br>CLAY some SILT; Light brown; Moist; No fuel oil odor<br>CLAY some SILT some BRICK; Light brown; Moist; No fuel<br>oil odor |  |  |
| 12.0                                                           | 12.0<br>12.5   | MC<br>MC            | -                       | 2.5<br>0.5     | 0.0                     | No fuel oil odor<br>SILT and SAND some GRAVEL (fine to medium; sub-<br>angular) trace BRICK; Light brown; Moist; No fuel oil odor<br>CLAY some SILT; Light brown; Moist; No fuel oil odor<br>CLAY some SILT some BRICK; Light brown; Moist; No fuel<br>oil odor |  |  |
| 12.0                                                           | 12.0<br>12.5   | MC<br>MC            | -                       | 2.5<br>0.5     | 0.0                     | No fuel oil odor<br>SILT and SAND some GRAVEL (fine to medium; sub-<br>angular) trace BRICK; Light brown; Moist; No fuel oil odor<br>CLAY some SILT; Light brown; Moist; No fuel oil odor<br>CLAY some SILT some BRICK; Light brown; Moist; No fuel<br>oil odor |  |  |
| 12.0                                                           | 12.0<br>12.5   | MC<br>MC            | -                       | 2.5<br>0.5     | 0.0                     | No fuel oil odor<br>SILT and SAND some GRAVEL (fine to medium; sub-<br>angular) trace BRICK; Light brown; Moist; No fuel oil odor<br>CLAY some SILT; Light brown; Moist; No fuel oil odor<br>CLAY some SILT some BRICK; Light brown; Moist; No fuel<br>oil odor |  |  |
| 12.0                                                           | 12.0<br>12.5   | MC<br>MC            | -                       | 2.5<br>0.5     | 0.0                     | No fuel oil odor<br>SILT and SAND some GRAVEL (fine to medium; sub-<br>angular) trace BRICK; Light brown; Moist; No fuel oil odor<br>CLAY some SILT; Light brown; Moist; No fuel oil odor<br>CLAY some SILT some BRICK; Light brown; Moist; No fuel<br>oil odor |  |  |

| GEOLOGIC LOG                                                   |                      |                    |                                      |                | OWNER                       | OWNER / CLIENT: YMCA                                           |  |  |
|----------------------------------------------------------------|----------------------|--------------------|--------------------------------------|----------------|-----------------------------|----------------------------------------------------------------|--|--|
| HydroEnvironmental                                             |                      |                    |                                      |                | WELL NO.: GB-3              |                                                                |  |  |
| HydroEnvironmental<br>solutions, inc.                          |                      |                    |                                      |                | PAGE                        | PAGE 1 OF 1 PAGES                                              |  |  |
| SITE LOCATION: 250 Mamaroneck Avenue<br>White Plains, New York |                      |                    |                                      |                |                             | SCREEN SIZE & TYPE:<br>SLOT NO.: SETTING:                      |  |  |
| DATE COMPLETED: 3/19/18                                        |                      |                    |                                      |                |                             | SAND PACK SIZE & TYPE:                                         |  |  |
|                                                                |                      |                    |                                      |                | SETTING                     | G:                                                             |  |  |
| DRILLING COMPANY: HES, Inc.                                    |                      |                    |                                      |                |                             | SIZE & TYPE:                                                   |  |  |
| DRILLI                                                         | NG METH              | IOD: Geop          | robe® 54DT                           |                | SETTING                     | G:                                                             |  |  |
|                                                                |                      | HOD: 2.25-         |                                      |                | SEAL T                      | (PE:                                                           |  |  |
| DRILLI                                                         | ER and/or            | OBSERVE            | <b>R</b> : PWD, DKS, AF              | °C             | SETTING                     | G:                                                             |  |  |
| REFER                                                          |                      | DINT (RP):         | Grade                                |                | BACKFI                      | LL TYPE:                                                       |  |  |
| ELEVA                                                          | TION OF              | RP:                |                                      |                | STATIC                      | STATIC WATER LEVEL:                                            |  |  |
| STICK                                                          | ·UP:                 |                    |                                      |                | DEVELC                      | DEVELOPMENT METHOD:                                            |  |  |
| SURFA                                                          |                      | PLETION:           |                                      |                | DURATI                      | DURATION: – YIELD: –                                           |  |  |
| REMARKS: Exterior boring                                       |                      |                    |                                      |                |                             |                                                                |  |  |
|                                                                | EVIATION<br>Recovery | S: SS = spl<br>PPM | it spoon W = w<br>= parts per millio |                | = cuttings<br>g = feet belo | G = grab ST = shelby tube<br>w grade MC = macro core sampler   |  |  |
| DEDTI                                                          |                      |                    |                                      |                |                             |                                                                |  |  |
| FROM                                                           | TO                   | SAMPLE<br>TYPE     | BLOW<br>COUNT                        | REC.<br>(FEET) | PID<br>READING<br>(PPM)     | DESCRIPTION                                                    |  |  |
| 0                                                              | 0.75                 |                    |                                      |                |                             | ASPHALT                                                        |  |  |
| 0.75                                                           | 4.0                  | МС                 | -                                    | 1.5            | 0.0                         | SILT and SAND (medium); Light brown; Moist; No fuel oil odor   |  |  |
| 4.0                                                            | 8.0                  | МС                 |                                      | 2.0            | 0.0                         | CLAY some SILT; Light brown; Moist to wet; No fuel oil<br>odor |  |  |
| 8.0                                                            | 11.5                 | MC                 |                                      | 3.5            | 0.0                         | CLAY some SILT; Light brown; Saturated; No fuel oil odor       |  |  |
| 11.5                                                           | 12.0                 | MC                 | -                                    | 0.5            | 0.0                         | SAND some SILT; Light brown; Moist; No fuel oil odor           |  |  |
|                                                                |                      |                    |                                      |                |                             |                                                                |  |  |
|                                                                |                      |                    |                                      |                |                             |                                                                |  |  |
|                                                                | 1                    |                    |                                      | i              |                             |                                                                |  |  |
|                                                                |                      |                    |                                      |                |                             |                                                                |  |  |
|                                                                |                      |                    |                                      |                |                             |                                                                |  |  |
|                                                                |                      |                    |                                      |                |                             |                                                                |  |  |
|                                                                |                      |                    |                                      |                |                             |                                                                |  |  |

|                                       |                       | GEOLOG              | GIC LOG                              |        | OWNER                       | / CLIENT: YMCA                                                                    |  |  |
|---------------------------------------|-----------------------|---------------------|--------------------------------------|--------|-----------------------------|-----------------------------------------------------------------------------------|--|--|
| HydroEnvironmental<br>solutions, inc. |                       |                     |                                      |        |                             | WELL NO.: GB-4                                                                    |  |  |
|                                       |                       | SOLUTI              | ONS, INC.                            |        | PAGE                        | 1 OF 1 PAGES                                                                      |  |  |
| SITE L                                | OCATION               |                     | naroneck Avenue<br>ains, New York    |        | SCREEN<br>SLOT NO           | I SIZE & TYPE: 1-inch Sch. 40 PVC<br>D.: 20 SETTING: 1.5 – 0 ftbg                 |  |  |
| DATE                                  | COMPLET               | <b>ED</b> : 3/19/18 | 8                                    |        | SAND P                      | ACK SIZE & TYPE:                                                                  |  |  |
| DRILLI                                | ING COMF              | PANY: HES           | , Inc.                               |        | SETTING                     | <b>6</b> :                                                                        |  |  |
|                                       |                       |                     |                                      |        | CASING                      | SIZE & TYPE:                                                                      |  |  |
| DRILLI                                | ING METH              | I <b>OD</b> : Geop  | robe® (manual)                       |        | SETTING                     | G:                                                                                |  |  |
| SAMPI                                 | LING MET              | HOD: 1.25-          | inch MC                              |        | SEAL T                      | /PE:                                                                              |  |  |
| DRILLI                                | ER and/or             | OBSERVE             | <b>R</b> : PWD, DKS, AF              | C      | SETTING                     | 3:                                                                                |  |  |
| REFER                                 |                       | <b>INT (RP)</b> : ( | Grade (basement f                    | loor)  | BACKFI                      | LL TYPE:                                                                          |  |  |
| ELEVA                                 |                       | RP:                 |                                      |        | STATIC                      | STATIC WATER LEVEL:                                                               |  |  |
| STICK                                 | -UP:                  |                     |                                      |        | DEVELO                      | DEVELOPMENT METHOD:                                                               |  |  |
| SURFA                                 |                       | PLETION:            |                                      |        | DURATI                      | DURATION: – YIELD: –                                                              |  |  |
| REMA                                  | RKS: In               | iterior boring      | ]                                    |        |                             |                                                                                   |  |  |
|                                       | EVIATION:<br>Recovery | S: SS = spl<br>PPM  | it spoon W = w<br>= parts per millio |        | = cuttings<br>g = feet belo | G = grab ST = shelby tube<br>w grade MC = macro core sampler                      |  |  |
|                                       |                       |                     |                                      |        |                             |                                                                                   |  |  |
| DEPTH                                 | H (FEET)              | SAMPLE              | BLOW                                 | REC.   | PID<br>READING              | DESCRIPTION                                                                       |  |  |
| FROM                                  | то                    | TYPE                | COUNT                                | (FEET) | (PPM)                       | DESCRIPTION                                                                       |  |  |
| 0                                     | 0.5                   |                     |                                      |        |                             | CONCRETE SLAB                                                                     |  |  |
| 0.5                                   | 1.0                   | MC                  | -                                    | 0.3    | -                           | GRAVEL (fill)                                                                     |  |  |
| 1.0                                   | 1.5                   | MC                  | -                                    | 0.3    | 116.2                       | SAND (medium) some GRAVEL (fine, rounded); Brown to<br>gray; Slight fuel oil odor |  |  |
|                                       |                       |                     |                                      |        |                             |                                                                                   |  |  |
|                                       |                       |                     |                                      |        |                             |                                                                                   |  |  |
|                                       |                       |                     |                                      |        |                             |                                                                                   |  |  |
|                                       |                       | · · · · ·           |                                      |        |                             |                                                                                   |  |  |
|                                       |                       |                     |                                      |        |                             |                                                                                   |  |  |
|                                       |                       |                     |                                      |        |                             |                                                                                   |  |  |
|                                       |                       |                     |                                      |        |                             |                                                                                   |  |  |
|                                       |                       |                     |                                      |        |                             |                                                                                   |  |  |

|          |                      | GEOLOG                  | GIC LOG                              |                | OWNER                     | / CLIENT: YMCA                                                                              |  |  |
|----------|----------------------|-------------------------|--------------------------------------|----------------|---------------------------|---------------------------------------------------------------------------------------------|--|--|
|          |                      |                         |                                      |                |                           | WELL NO.: GB-5                                                                              |  |  |
|          |                      | HydroEnv<br>s о L и т н | v <b>ironmental</b><br>ons, inc.     |                |                           | 1 OF 1 PAGES                                                                                |  |  |
| <u> </u> |                      |                         |                                      |                |                           |                                                                                             |  |  |
| SITE L   | OCATION              |                         | naroneck Avenue<br>ains, New York    |                | SCREEN                    | SIZE & TYPE: 1-inch Sch. 40 PVC                                                             |  |  |
|          |                      |                         |                                      |                | SLOT N                    |                                                                                             |  |  |
|          |                      | ED: 3/19/1              |                                      |                | 1                         | ACK SIZE & TYPE:                                                                            |  |  |
| DRILLI   | NG COMF              | PANY: HES               | , Inc.                               |                | SETTING                   |                                                                                             |  |  |
|          |                      |                         | al Geoprobe®                         |                |                           | SIZE & TYPE:                                                                                |  |  |
|          |                      | HOD: 1.25-              | •                                    |                | SEAL T                    |                                                                                             |  |  |
|          |                      |                         | <b>R</b> : PWD, DKS, AF              | C              | SETTING                   |                                                                                             |  |  |
|          |                      |                         | Grade (basement f                    |                | BACKFI                    | LL TYPE:                                                                                    |  |  |
| ELEVA    | TION OF              | RP:                     |                                      |                | STATIC                    | WATER LEVEL:                                                                                |  |  |
| STICK    | -UP:                 |                         |                                      |                | DEVELOPMENT METHOD:       |                                                                                             |  |  |
| SURFA    |                      | PLETION:                |                                      |                | DURATI                    | DURATION: - YIELD: -                                                                        |  |  |
| REMA     | RKS: In              | nterior boring          | ]                                    |                |                           |                                                                                             |  |  |
|          | EVIATION<br>Recovery | S: SS = spl<br>PPM      | it spoon W = w<br>= parts per millio |                | cuttings<br>g = feet belo | G = grab ST = shelby tube<br>w grade MC = macro core sampler                                |  |  |
|          | . (====)             |                         |                                      |                |                           | 1                                                                                           |  |  |
| FROM     | TO                   | SAMPLE<br>TYPE          | BLOW<br>COUNT                        | REC.<br>(FEET) | PID<br>READING<br>(PPM)   | DESCRIPTION                                                                                 |  |  |
| 0        | 0.5                  |                         |                                      |                |                           | CONCRETE SLAB                                                                               |  |  |
| 0.5      | 2.0                  | МС                      | -                                    | 0.5            | 101.8                     | SAND and GRAVEL (fine, angular to sub-angluar); Gray;<br>Moist to wet; Slight fuel oil odor |  |  |
|          |                      |                         | ·                                    |                |                           |                                                                                             |  |  |
|          |                      |                         |                                      |                |                           |                                                                                             |  |  |
|          |                      |                         |                                      |                |                           |                                                                                             |  |  |
|          |                      |                         |                                      |                |                           |                                                                                             |  |  |
|          |                      |                         |                                      |                |                           |                                                                                             |  |  |
|          |                      |                         |                                      |                |                           |                                                                                             |  |  |
|          | ļ                    |                         |                                      |                |                           |                                                                                             |  |  |
|          |                      |                         |                                      |                |                           |                                                                                             |  |  |
|          |                      |                         |                                      |                |                           |                                                                                             |  |  |

|                                       |                      | GEOLOG              | GIC LOG                              |                | OWNER                   | / CLIENT: YMCA                                                                  |  |  |
|---------------------------------------|----------------------|---------------------|--------------------------------------|----------------|-------------------------|---------------------------------------------------------------------------------|--|--|
| HydroEnvironmental                    |                      |                     |                                      |                | WELL N                  | WELL NO.: GB-6                                                                  |  |  |
| HydroEnvironmental<br>solutions, inc. |                      |                     |                                      |                | PAGE                    | 1 OF 1 PAGES                                                                    |  |  |
| SITE LC                               | OCATION              |                     | naroneck Avenue<br>ains, New York    |                | SCREEN<br>SLOT NO       | I SIZE & TYPE:<br>D.: SETTING:                                                  |  |  |
| DATE C                                | OMPLET               | <b>ED</b> : 3/19/18 | 8                                    |                |                         | ACK SIZE & TYPE:                                                                |  |  |
| DRILLIN                               |                      | PANY: HES           | , Inc.                               |                | SETTING                 | 3:                                                                              |  |  |
|                                       |                      |                     |                                      |                | CASING                  | SIZE & TYPE:                                                                    |  |  |
| DRILLIN                               | NG METH              | I <b>OD</b> : Manu  | al Geoprobe®                         |                | SETTING                 | <b>3</b> :                                                                      |  |  |
| SAMPLI                                | ING MET              | HOD: 1.25-          | inch MC                              |                | SEAL T                  | /PE:                                                                            |  |  |
| DRILLE                                | R and/or             | OBSERVE             | <b>R</b> : PWD, DKS, AF              | C              | SETTING                 | 3:                                                                              |  |  |
| REFERE                                | ENCE PO              | <b>INT (RP)</b> : ( | Grade (basement f                    | loor)          | BACKFI                  | LL TYPE:                                                                        |  |  |
| ELEVAT                                | TION OF              | RP:                 |                                      |                | STATIC                  | WATER LEVEL:                                                                    |  |  |
| STICK-L                               | UP:                  |                     |                                      |                | DEVELOPMENT METHOD:     |                                                                                 |  |  |
| SURFAC                                | CE COM               | PLETION:            |                                      |                | DURATION: - YIELD: -    |                                                                                 |  |  |
| REMAR                                 | KS: In               | terior boring       | )                                    |                |                         | · · · · · · · · · · · · · · · · · · ·                                           |  |  |
|                                       | VIATION:<br>Recovery | S: SS = spl         | it spoon W = w<br>= parts per millio |                | cuttings                | G = grab ST = shelby tube                                                       |  |  |
|                                       |                      | FFIVI               |                                      |                |                         | w grade MC = macro core sampler                                                 |  |  |
|                                       |                      |                     |                                      |                |                         | w grade MC = macro core sampler                                                 |  |  |
| DEPTH<br>FROM                         | (FEET)<br>TO         | SAMPLE              | BLOW<br>COUNT                        | REC.<br>(FEET) | PID<br>READING<br>(PPM) | Description                                                                     |  |  |
|                                       |                      | SAMPLE              | BLOW                                 | REC.           | PID<br>READING          | DESCRIPTION<br>CONCRETE SLAB                                                    |  |  |
| FROM                                  | то                   | SAMPLE              | BLOW                                 | REC.           | PID<br>READING          | DESCRIPTION                                                                     |  |  |
| <b>FROM</b><br>0                      | <b>TO</b><br>0.5     | SAMPLE<br>TYPE      | BLOW                                 | REC.<br>(FEET) | PID<br>READING<br>(PPM) | DESCRIPTION CONCRETE SLAB SAND and GRAVEL (fine, angular to sub-angluar); Gray; |  |  |
| <b>FROM</b><br>0                      | <b>TO</b><br>0.5     | SAMPLE<br>TYPE      | BLOW                                 | REC.<br>(FEET) | PID<br>READING<br>(PPM) | DESCRIPTION CONCRETE SLAB SAND and GRAVEL (fine, angular to sub-angluar); Gray; |  |  |
| <b>FROM</b><br>0                      | <b>TO</b><br>0.5     | SAMPLE<br>TYPE      | BLOW                                 | REC.<br>(FEET) | PID<br>READING<br>(PPM) | DESCRIPTION CONCRETE SLAB SAND and GRAVEL (fine, angular to sub-angluar); Gray; |  |  |
| <b>FROM</b><br>0                      | <b>TO</b><br>0.5     | SAMPLE<br>TYPE      | BLOW                                 | REC.<br>(FEET) | PID<br>READING<br>(PPM) | DESCRIPTION CONCRETE SLAB SAND and GRAVEL (fine, angular to sub-angluar); Gray; |  |  |
| <b>FROM</b><br>0                      | <b>TO</b><br>0.5     | SAMPLE<br>TYPE      | BLOW                                 | REC.<br>(FEET) | PID<br>READING<br>(PPM) | DESCRIPTION CONCRETE SLAB SAND and GRAVEL (fine, angular to sub-angluar); Gray; |  |  |
| <b>FROM</b><br>0                      | <b>TO</b><br>0.5     | SAMPLE<br>TYPE      | BLOW                                 | REC.<br>(FEET) | PID<br>READING<br>(PPM) | DESCRIPTION CONCRETE SLAB SAND and GRAVEL (fine, angular to sub-angluar); Gray; |  |  |
| <b>FROM</b><br>0                      | <b>TO</b><br>0.5     | SAMPLE<br>TYPE      | BLOW                                 | REC.<br>(FEET) | PID<br>READING<br>(PPM) | DESCRIPTION CONCRETE SLAB SAND and GRAVEL (fine, angular to sub-angluar); Gray; |  |  |
| <b>FROM</b><br>0                      | <b>TO</b><br>0.5     | SAMPLE<br>TYPE      | BLOW                                 | REC.<br>(FEET) | PID<br>READING<br>(PPM) | DESCRIPTION CONCRETE SLAB SAND and GRAVEL (fine, angular to sub-angluar); Gray; |  |  |

|                                                                |                      | GEOLOG              | GIC LOG                              |                | OWNER                     | / CLIENT: YMCA                                                                 |  |  |
|----------------------------------------------------------------|----------------------|---------------------|--------------------------------------|----------------|---------------------------|--------------------------------------------------------------------------------|--|--|
| HydroEnvironmental                                             |                      |                     |                                      |                | WELL N                    | WELL NO.: GB-7                                                                 |  |  |
|                                                                |                      | S O L U T I O       | ONS, INC.                            |                | PAGE                      | 1 OF 1 PAGES                                                                   |  |  |
| SITE LOCATION: 250 Mamaroneck Avenue<br>White Plains, New York |                      |                     |                                      |                | SCREEN<br>SLOT NO         | I SIZE & TYPE:<br>D.: SETTING:                                                 |  |  |
| DATE                                                           | COMPLET              | <b>ED</b> : 3/20/1  | 8                                    |                |                           | ACK SIZE & TYPE:                                                               |  |  |
|                                                                |                      | PANY: HES           |                                      |                | SETTING                   |                                                                                |  |  |
|                                                                |                      |                     |                                      |                | CASING                    | SIZE & TYPE:                                                                   |  |  |
| DRILLI                                                         | NG METH              | I <b>OD</b> : Manu  | al Geoprobe®                         |                | SETTING                   | G:                                                                             |  |  |
| SAMPL                                                          | ING MET              | HOD: 1.25-          | inch MC                              |                | SEAL TY                   | (PE:                                                                           |  |  |
| DRILLE                                                         | ER and/or            | OBSERVE             | R: PWD, AFC                          |                | SETTING                   | G:                                                                             |  |  |
| REFER                                                          |                      | <b>INT (RP)</b> : ( | Grade (basement f                    | loor)          | BACKFI                    | LL TYPE:                                                                       |  |  |
| ELEVA                                                          | TION OF              | RP:                 |                                      |                | STATIC                    | WATER LEVEL:                                                                   |  |  |
| STICK                                                          | UP:                  |                     |                                      |                | DEVELOPMENT METHOD:       |                                                                                |  |  |
| SURFA                                                          |                      | PLETION:            |                                      |                | DURATION: – YIELD: –      |                                                                                |  |  |
| REMA                                                           | RKS: In              | terior boring       | ]                                    |                |                           |                                                                                |  |  |
|                                                                | EVIATION<br>Recovery | S: SS = spl<br>PPM  | it spoon W = w<br>= parts per millio |                | cuttings<br>j = feet belo | G = grab ST = shelby tube<br>w grade MC = macro core sampler                   |  |  |
|                                                                | . (====)             |                     |                                      |                |                           |                                                                                |  |  |
| FROM                                                           | TO                   | SAMPLE<br>TYPE      | BLOW<br>COUNT                        | REC.<br>(FEET) | PID<br>READING<br>(PPM)   | DESCRIPTION                                                                    |  |  |
| 0                                                              | 0.5                  |                     |                                      |                |                           | CONCRETE SLAB                                                                  |  |  |
| 0.5                                                            | 0.7                  | МС                  | -                                    | 0.2            | 50.1                      | GRAVEL (fine, sub-rounded) some SILT; Dark brown; Wet;<br>Slight fuel oil odor |  |  |
|                                                                |                      |                     |                                      |                |                           |                                                                                |  |  |
|                                                                |                      |                     |                                      |                |                           |                                                                                |  |  |
|                                                                |                      |                     |                                      |                |                           |                                                                                |  |  |
|                                                                |                      |                     |                                      |                |                           |                                                                                |  |  |
|                                                                |                      |                     |                                      |                |                           |                                                                                |  |  |
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|                                                                |                      |                     |                                      |                |                           |                                                                                |  |  |
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|                                                                |                      |                     |                                      |                |                           |                                                                                |  |  |

|                    |                      | GEOLOG             | GIC LOG                              | 1              | OWNER                     | / CLIENT: YMCA                                                             |  |  |
|--------------------|----------------------|--------------------|--------------------------------------|----------------|---------------------------|----------------------------------------------------------------------------|--|--|
| HydroEnvironmental |                      |                    |                                      |                | WELL N                    | WELL NO.: GB-8                                                             |  |  |
|                    |                      | S O L U T I I      | ONS, INC.                            |                | PAGE                      | 1 OF 1 PAGES                                                               |  |  |
| SITE L             | OCATION              |                    | naroneck Avenue<br>ains, New York    |                | SCREEN<br>SLOT NO         | I SIZE & TYPE:<br>D.: SETTING:                                             |  |  |
| DATE               | COMPLET              | ED: 3/20/1         | 8                                    |                |                           | ACK SIZE & TYPE:                                                           |  |  |
|                    |                      | PANY: HES          |                                      |                | SETTING                   |                                                                            |  |  |
|                    |                      |                    |                                      |                | CASING                    | SIZE & TYPE:                                                               |  |  |
| DRILL              | ING METH             | IOD: Manua         | l Geoprobe®                          |                | SETTING                   | G:                                                                         |  |  |
| SAMP               | LING MET             | HOD: 1.25-         | inch MC                              |                | SEAL T                    | /PE:                                                                       |  |  |
| DRILL              | ER and/or            | OBSERVE            | R: PWD, AFC                          |                | SETTING                   | G:                                                                         |  |  |
| REFER              |                      | DINT (RP): (       | Grade (basement f                    | loor)          | BACKFI                    | LL TYPE:                                                                   |  |  |
| ELEVA              | TION OF              | RP:                |                                      |                | STATIC                    | WATER LEVEL:                                                               |  |  |
| STICK              | -UP:                 |                    |                                      |                | DEVELOPMENT METHOD:       |                                                                            |  |  |
| SURF               | ACE COM              | PLETION:           |                                      |                | DURATION: – YIELD: –      |                                                                            |  |  |
| REMA               | RKS: Ir              | nterior boring     | ]                                    |                |                           |                                                                            |  |  |
|                    | EVIATION<br>Recovery | S: SS = spl<br>PPM | it spoon W = w<br>= parts per millio |                | cuttings<br>g = feet belo | G = grab ST = shelby tube<br>w grade MC = macro core sampler               |  |  |
|                    |                      |                    |                                      |                |                           |                                                                            |  |  |
| DEPTI<br>FROM      | H (FEET)             | SAMPLE<br>TYPE     | BLOW<br>COUNT                        | REC.<br>(FEET) | PID<br>READING<br>(PPM)   | DESCRIPTION                                                                |  |  |
| 0                  | 0.5                  |                    |                                      |                |                           | CONCRETE SLAB                                                              |  |  |
| 0.5                | 1.5                  | мс                 | -                                    | 0.2            | 1.9                       | GRAVEL (fine, sub-rounded) some SILT; Dark brown; Wet;<br>No fuel oil odor |  |  |
|                    |                      |                    |                                      |                |                           |                                                                            |  |  |
|                    |                      |                    |                                      |                |                           |                                                                            |  |  |
|                    |                      |                    |                                      |                |                           |                                                                            |  |  |
|                    |                      |                    |                                      |                |                           |                                                                            |  |  |
|                    |                      |                    |                                      |                |                           |                                                                            |  |  |
|                    |                      |                    |                                      |                |                           |                                                                            |  |  |
|                    |                      |                    |                                      |                |                           |                                                                            |  |  |
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|                    |                      |                    |                                      |                |                           |                                                                            |  |  |

| GEOLOGIC LOG                                                                                                                                        | OWNER / CLIENT: YMCA                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HudroEnvironmental                                                                                                                                  | WELL NO.: GB-9                                                                                                                                                        |
| HydroEnvironmental<br>solutions, inc.                                                                                                               | PAGE 1 OF 1 PAGES                                                                                                                                                     |
| SITE LOCATION: 250 Mamaroneck Avenue<br>White Plains, New York                                                                                      | SCREEN SIZE & TYPE:<br>SLOT NO.: SETTING:                                                                                                                             |
| DATE COMPLETED: 3/20/18                                                                                                                             | SAND PACK SIZE & TYPE:                                                                                                                                                |
| DRILLING COMPANY: HES, Inc.                                                                                                                         | SETTING:                                                                                                                                                              |
|                                                                                                                                                     | CASING SIZE & TYPE:                                                                                                                                                   |
| DRILLING METHOD: Manual Geoprobe®                                                                                                                   | SETTING:                                                                                                                                                              |
| SAMPLING METHOD: 1.25-inch MC                                                                                                                       | SEAL TYPE:                                                                                                                                                            |
| DRILLER and/or OBSERVER: PWD, AFC                                                                                                                   | SETTING:                                                                                                                                                              |
| REFERENCE POINT (RP): Grade (basement floor)                                                                                                        | BACKFILL TYPE:                                                                                                                                                        |
| ELEVATION OF RP:                                                                                                                                    | STATIC WATER LEVEL:                                                                                                                                                   |
| STICK-UP:                                                                                                                                           | DEVELOPMENT METHOD:                                                                                                                                                   |
| SURFACE COMPLETION:                                                                                                                                 | DURATION: - YIELD: -                                                                                                                                                  |
| REMARKS: Interior boring                                                                                                                            |                                                                                                                                                                       |
|                                                                                                                                                     |                                                                                                                                                                       |
|                                                                                                                                                     | cuttings G = grab ST = shelby tube<br>= feet below grade MC = macro core sampler                                                                                      |
| REC = Recovery PPM = parts per million ftbg                                                                                                         |                                                                                                                                                                       |
|                                                                                                                                                     |                                                                                                                                                                       |
| REC = Recovery     PPM = parts per million     ftbg       DEPTH (FEET)     SAMPLE     BLOW     REC.                                                 | = feet below grade     MC = macro core sampler       PID<br>READING<br>(PPM)     DESCRIPTION       CONCRETE SLAB                                                      |
| REC = Recovery     PPM = parts per million     ftbg       DEPTH (FEET)     SAMPLE     BLOW     REC.       FROM     TO     TYPE     COUNT     (FEET) | = feet below grade MC = macro core sampler PID READING (PPM) DESCRIPTION                                                                                              |
| REC = Recovery     PPM = parts per million     ftbg       DEPTH (FEET)     SAMPLE     BLOW     REC.       FROM     TO     0.5     COUNT     (FEET)  | Feet below grade     MC = macro core sampler       PID<br>READING<br>(PPM)     DESCRIPTION       CONCRETE SLAB     GRAVEL (fine to medium, sub-rounded) and SILT some |
| REC = Recovery     PPM = parts per million     ftbg       DEPTH (FEET)     SAMPLE     BLOW     REC.       FROM     TO     0.5     COUNT     (FEET)  | Feet below grade     MC = macro core sampler       PID<br>READING<br>(PPM)     DESCRIPTION       CONCRETE SLAB     GRAVEL (fine to medium, sub-rounded) and SILT some |
| REC = Recovery     PPM = parts per million     ftbg       DEPTH (FEET)     SAMPLE     BLOW     REC.       FROM     TO     0.5     COUNT     (FEET)  | Feet below grade     MC = macro core sampler       PID<br>READING<br>(PPM)     DESCRIPTION       CONCRETE SLAB     GRAVEL (fine to medium, sub-rounded) and SILT some |
| REC = Recovery     PPM = parts per million     ftbg       DEPTH (FEET)     SAMPLE     BLOW     REC.       FROM     TO     0.5     COUNT     (FEET)  | Feet below grade     MC = macro core sampler       PID<br>READING<br>(PPM)     DESCRIPTION       CONCRETE SLAB     GRAVEL (fine to medium, sub-rounded) and SILT some |
| REC = Recovery     PPM = parts per million     ftbg       DEPTH (FEET)     SAMPLE     BLOW     REC.       FROM     TO     0.5     COUNT     (FEET)  | Feet below grade     MC = macro core sampler       PID<br>READING<br>(PPM)     DESCRIPTION       CONCRETE SLAB     GRAVEL (fine to medium, sub-rounded) and SILT some |
| REC = Recovery     PPM = parts per million     ftbg       DEPTH (FEET)     SAMPLE     BLOW     REC.       FROM     TO     0.5     COUNT     (FEET)  | Feet below grade     MC = macro core sampler       PID<br>READING<br>(PPM)     DESCRIPTION       CONCRETE SLAB     GRAVEL (fine to medium, sub-rounded) and SILT some |
| REC = Recovery     PPM = parts per million     ftbg       DEPTH (FEET)     SAMPLE     BLOW     REC.       FROM     TO     0.5     COUNT     (FEET)  | Feet below grade     MC = macro core sampler       PID<br>READING<br>(PPM)     DESCRIPTION       CONCRETE SLAB     GRAVEL (fine to medium, sub-rounded) and SILT some |
| REC = Recovery     PPM = parts per million     ftbg       DEPTH (FEET)     SAMPLE     BLOW     REC.       FROM     TO     0.5     COUNT     (FEET)  | Feet below grade     MC = macro core sampler       PID<br>READING<br>(PPM)     DESCRIPTION       CONCRETE SLAB     GRAVEL (fine to medium, sub-rounded) and SILT some |
| REC = Recovery     PPM = parts per million     ftbg       DEPTH (FEET)     SAMPLE     BLOW     REC.       FROM     TO     0.5     Output            | Feet below grade     MC = macro core sampler       PID<br>READING<br>(PPM)     DESCRIPTION       CONCRETE SLAB     GRAVEL (fine to medium, sub-rounded) and SILT some |

|                    |                     | GEOLOG             | GIC LOG                              |                | OWNER                       | / CLIENT: YMCA                                                                    |  |  |
|--------------------|---------------------|--------------------|--------------------------------------|----------------|-----------------------------|-----------------------------------------------------------------------------------|--|--|
| HydroEnvironmental |                     |                    |                                      |                | WELL N                      | WELL NO.: GB-10                                                                   |  |  |
| solutions, inc.    |                     |                    |                                      |                | PAGE                        | 1 OF 1 PAGES                                                                      |  |  |
| SITE LO            | OCATION             |                    | naroneck Avenue<br>ains, New York    |                | SCREEN<br>SLOT N            | N SIZE & TYPE:<br>0.: SETTING:                                                    |  |  |
| DATE C             | OMPLET              | ED: 3/20/1         | 8                                    |                |                             | ACK SIZE & TYPE:                                                                  |  |  |
| DRILLI             |                     | PANY: HES          | , Inc.                               |                | SETTING                     | G:                                                                                |  |  |
|                    |                     |                    |                                      |                | CASING                      | SIZE & TYPE:                                                                      |  |  |
| DRILLI             | NG METH             | IOD: Manua         | al Geoprobe®                         |                | SETTING                     | G:                                                                                |  |  |
| SAMPL              | ING MET             | HOD: 1.25-         | inch MC                              |                | SEAL T                      | (PE:                                                                              |  |  |
| DRILLE             | R and/or            | OBSERVE            | <b>R</b> : PWD, AFC                  |                | SETTING                     | G:                                                                                |  |  |
| REFER              | ENCE PO             | DINT (RP): (       | Grade (basement f                    | loor)          | BACKFI                      | LL TYPE:                                                                          |  |  |
| ELEVA              | TION OF             | RP:                |                                      |                | STATIC                      | STATIC WATER LEVEL:                                                               |  |  |
| STICK-             | UP:                 |                    |                                      |                | DEVELC                      | DEVELOPMENT METHOD:                                                               |  |  |
| SURFA              | CE COM              | PLETION:           |                                      |                | DURATI                      | ON: – YIELD: –                                                                    |  |  |
| REMAR              | RKS: Ir             | nterior boring     | ]                                    |                |                             |                                                                                   |  |  |
|                    | VIATION<br>Recovery | S: SS = spl<br>PPM | it spoon W = w<br>= parts per millio |                | = cuttings<br>g = feet belo | G = grab ST = shelby tube<br>w grade MC = macro core sampler                      |  |  |
|                    |                     |                    |                                      |                |                             |                                                                                   |  |  |
| DEPTH<br>FROM      | (FEET)<br>TO        | SAMPLE<br>TYPE     | BLOW<br>COUNT                        | REC.<br>(FEET) | PID<br>READING<br>(PPM)     | DESCRIPTION                                                                       |  |  |
| 0                  | 0.5                 |                    |                                      |                |                             | CONCRETE SLAB                                                                     |  |  |
| 0.5                | 1.5                 | мс                 |                                      | 0.4            | 52.0                        | SAND (fine) some GRAVEL (fine, angular); Dark brown;<br>Wet; Slight fuel oil odor |  |  |
|                    |                     |                    |                                      |                |                             |                                                                                   |  |  |
|                    |                     |                    |                                      |                |                             |                                                                                   |  |  |
|                    |                     |                    |                                      |                |                             |                                                                                   |  |  |
|                    |                     |                    |                                      |                |                             |                                                                                   |  |  |
|                    |                     |                    |                                      |                |                             |                                                                                   |  |  |
|                    |                     |                    |                                      |                |                             |                                                                                   |  |  |
|                    |                     |                    |                                      |                |                             |                                                                                   |  |  |
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|                                       |                                               | GEOLOG                               | GIC LOG                                      | 1              | OWNER                                    | / CLIENT: YMCA                                                                            |  |  |
|---------------------------------------|-----------------------------------------------|--------------------------------------|----------------------------------------------|----------------|------------------------------------------|-------------------------------------------------------------------------------------------|--|--|
| HydroEnvironmental                    |                                               |                                      |                                              |                | WELL N                                   | WELL NO.: GB-11                                                                           |  |  |
| HydroEnvironmental<br>solutions, inc. |                                               |                                      |                                              |                | PAGE                                     | 1 OF 1 PAGES                                                                              |  |  |
| SITE L                                | OCATION                                       |                                      | naroneck Avenue<br>lains, New York           |                | SCREEN<br>SLOT N                         | N SIZE & TYPE:<br>0.: SETTING:                                                            |  |  |
| DATE                                  | COMPLET                                       | ED: 3/20/1                           | 8                                            |                |                                          | ACK SIZE & TYPE:                                                                          |  |  |
| DRILLI                                | NG COM                                        | PANY: HES                            | , Inc.                                       |                | SETTIN                                   | G:                                                                                        |  |  |
|                                       |                                               |                                      |                                              |                | CASING                                   | SIZE & TYPE:                                                                              |  |  |
| DRILLI                                | NG METH                                       | IOD: Manua                           | al Geoprobe®                                 |                | SETTING                                  | G:                                                                                        |  |  |
| SAMPL                                 | ING MET                                       | HOD: 1.25-                           | inch MC                                      |                | SEAL T                                   | (PE:                                                                                      |  |  |
| DRILLI                                | ER and/or                                     | OBSERVE                              | R: PWD, AFC                                  |                | SETTIN                                   | G:                                                                                        |  |  |
| REFER                                 |                                               | DINT (RP):                           | Grade (basement f                            | loor)          | BACKFI                                   | LL TYPE:                                                                                  |  |  |
| ELEVA                                 | TION OF                                       | RP:                                  |                                              |                | STATIC                                   | WATER LEVEL:                                                                              |  |  |
| STICK                                 | -UP:                                          |                                      |                                              |                | DEVELC                                   | DEVELOPMENT METHOD:                                                                       |  |  |
| SURFA                                 |                                               | PLETION:                             |                                              |                | DURATI                                   | DURATION: – YIELD: –                                                                      |  |  |
|                                       |                                               |                                      |                                              |                |                                          |                                                                                           |  |  |
| REMA                                  | RKS: Ir                                       | nterior boring                       | 9                                            |                |                                          | · ·                                                                                       |  |  |
| ABBRE                                 |                                               | S: SS = spl                          |                                              |                | cuttings<br>g = feet belo                | G = grab ST = shelby tube<br>w grade MC = macro core sampler                              |  |  |
| ABBRE                                 |                                               | S: SS = spl                          | it spoon W = w                               |                |                                          |                                                                                           |  |  |
| ABBRE<br>REC =                        |                                               | S: SS = spl                          | it spoon W = w                               |                |                                          |                                                                                           |  |  |
| ABBRE<br>REC =                        | EVIATION<br>Recovery<br>I (FEET)              | S: SS = spl<br>PPM                   | it spoon W = w<br>= parts per millio<br>BLOW | n ftbg<br>REC. | g = feet belo<br>PID<br>READING          | ow grade MC = macro core sampler                                                          |  |  |
| ABBRE<br>REC =<br>DEPTH               | EVIATION<br>Recovery                          | S: SS = spl<br>PPM                   | it spoon W = w<br>= parts per millio<br>BLOW | n ftbg<br>REC. | g = feet belo<br>PID<br>READING          | Description                                                                               |  |  |
| ABBRE<br>REC =<br>DEPTH<br>FROM       | EVIATION<br>Recovery<br>I (FEET)<br>TO<br>0.5 | S: SS = spl<br>PPM<br>SAMPLE<br>TYPE | it spoon W = w<br>= parts per millio<br>BLOW | REC.<br>(FEET) | g = feet belo<br>PID<br>READING<br>(PPM) | Description         CONCRETE SLAB         SAND (medium) some GRAVEL (fine to medium, sub- |  |  |
| ABBRE<br>REC =<br>DEPTH<br>FROM       | EVIATION<br>Recovery<br>I (FEET)<br>TO<br>0.5 | S: SS = spl<br>PPM<br>SAMPLE<br>TYPE | it spoon W = w<br>= parts per millio<br>BLOW | REC.<br>(FEET) | g = feet belo<br>PID<br>READING<br>(PPM) | Description         CONCRETE SLAB         SAND (medium) some GRAVEL (fine to medium, sub- |  |  |
| ABBRE<br>REC =<br>DEPTH<br>FROM       | EVIATION<br>Recovery<br>I (FEET)<br>TO<br>0.5 | S: SS = spl<br>PPM<br>SAMPLE<br>TYPE | it spoon W = w<br>= parts per millio<br>BLOW | REC.<br>(FEET) | g = feet belo<br>PID<br>READING<br>(PPM) | Description         CONCRETE SLAB         SAND (medium) some GRAVEL (fine to medium, sub- |  |  |
| ABBRE<br>REC =<br>DEPTH<br>FROM       | EVIATION<br>Recovery<br>I (FEET)<br>TO<br>0.5 | S: SS = spl<br>PPM<br>SAMPLE<br>TYPE | it spoon W = w<br>= parts per millio<br>BLOW | REC.<br>(FEET) | g = feet belo<br>PID<br>READING<br>(PPM) | Description         CONCRETE SLAB         SAND (medium) some GRAVEL (fine to medium, sub- |  |  |
| ABBRE<br>REC =<br>DEPTH<br>FROM       | EVIATION<br>Recovery<br>I (FEET)<br>TO<br>0.5 | S: SS = spl<br>PPM<br>SAMPLE<br>TYPE | it spoon W = w<br>= parts per millio<br>BLOW | REC.<br>(FEET) | g = feet belo<br>PID<br>READING<br>(PPM) | Description         CONCRETE SLAB         SAND (medium) some GRAVEL (fine to medium, sub- |  |  |
| ABBRE<br>REC =<br>DEPTH<br>FROM       | EVIATION<br>Recovery<br>I (FEET)<br>TO<br>0.5 | S: SS = spl<br>PPM<br>SAMPLE<br>TYPE | it spoon W = w<br>= parts per millio<br>BLOW | REC.<br>(FEET) | g = feet belo<br>PID<br>READING<br>(PPM) | Description         CONCRETE SLAB         SAND (medium) some GRAVEL (fine to medium, sub- |  |  |
| ABBRE<br>REC =<br>DEPTH<br>FROM       | EVIATION<br>Recovery<br>I (FEET)<br>TO<br>0.5 | S: SS = spl<br>PPM<br>SAMPLE<br>TYPE | it spoon W = w<br>= parts per millio<br>BLOW | REC.<br>(FEET) | g = feet belo<br>PID<br>READING<br>(PPM) | Description         CONCRETE SLAB         SAND (medium) some GRAVEL (fine to medium, sub- |  |  |
| ABBRE<br>REC =<br>DEPTH<br>FROM       | EVIATION<br>Recovery<br>I (FEET)<br>TO<br>0.5 | S: SS = spl<br>PPM<br>SAMPLE<br>TYPE | it spoon W = w<br>= parts per millio<br>BLOW | REC.<br>(FEET) | g = feet belo<br>PID<br>READING<br>(PPM) | Description         CONCRETE SLAB         SAND (medium) some GRAVEL (fine to medium, sub- |  |  |
| ABBRE<br>REC =<br>DEPTH<br>FROM       | EVIATION<br>Recovery<br>I (FEET)<br>TO<br>0.5 | S: SS = spl<br>PPM<br>SAMPLE<br>TYPE | it spoon W = w<br>= parts per millio<br>BLOW | REC.<br>(FEET) | g = feet belo<br>PID<br>READING<br>(PPM) | Description         CONCRETE SLAB         SAND (medium) some GRAVEL (fine to medium, sub- |  |  |

| I                  |                      |                    |                                      |                |                             |                                                                         |  |  |
|--------------------|----------------------|--------------------|--------------------------------------|----------------|-----------------------------|-------------------------------------------------------------------------|--|--|
|                    |                      | GEOLOG             | GIC LOG                              |                | OWNER                       | / CLIENT: YMCA                                                          |  |  |
| HydroEnvironmental |                      |                    |                                      |                | WELL N                      | WELL NO.: GB-12                                                         |  |  |
|                    |                      | S O L U T I O      | ONS, INC.                            |                | PAGE                        | 1 OF 1 PAGES                                                            |  |  |
| SITE L             | OCATION              |                    | naroneck Avenue<br>ains, New York    |                | SCREEN<br>SLOT NO           | I SIZE & TYPE:<br>D.: SETTING:                                          |  |  |
| DATE               | COMPLET              | ED: 3/20/1         | 8                                    |                |                             | ACK SIZE & TYPE:                                                        |  |  |
| DRILLI             | ING COMP             | PANY: HES          | , Inc.                               |                | SETTING                     | G:                                                                      |  |  |
|                    |                      |                    |                                      |                | CASING                      | SIZE & TYPE:                                                            |  |  |
| DRILLI             | ING METH             | IOD: Manua         | al Geoprobe®                         |                | SETTING                     | G:                                                                      |  |  |
| SAMPL              | LING MET             | HOD: 1.25-         | inch MC                              |                | SEAL T                      | /PE:                                                                    |  |  |
| DRILLI             | ER and/or            | OBSERVE            | R: PWD, AFC                          |                | SETTING                     | <u>;</u>                                                                |  |  |
| REFER              |                      | DINT (RP): (       | Grade (basement f                    | loor)          | BACKFI                      | LL TYPE:                                                                |  |  |
| ELEVA              | TION OF              | RP:                |                                      |                | STATIC                      | STATIC WATER LEVEL:                                                     |  |  |
| STICK              | -UP:                 |                    |                                      |                | DEVELO                      | DEVELOPMENT METHOD:                                                     |  |  |
| SURFA              | ACE COM              | PLETION:           |                                      |                | DURATI                      | DURATION: - YIELD: -                                                    |  |  |
| REMA               | RKS: Ir              | nterior boring     | ]                                    |                |                             |                                                                         |  |  |
|                    | EVIATION<br>Recovery | S: SS = spl<br>PPM | it spoon W = w<br>= parts per millio |                | = cuttings<br>g = feet belo | G = grab ST = shelby tube<br>w grade MC = macro core sampler            |  |  |
| r                  |                      |                    |                                      |                |                             | 1                                                                       |  |  |
| DEPTH<br>FROM      | f (FEET)             | SAMPLE<br>TYPE     | BLOW<br>COUNT                        | REC.<br>(FEET) | PID<br>READING<br>(PPM)     | DESCRIPTION                                                             |  |  |
| 0                  | 0.5                  |                    |                                      |                |                             | CONCRETE SLAB                                                           |  |  |
| 0.5                | 1.0                  | МС                 | -                                    | 0.4            | 220.7                       | SAND (medium) some GRAVEL (fine, rounded); Brown;<br>Wet; Fuel oil odor |  |  |
|                    |                      |                    |                                      |                |                             |                                                                         |  |  |
|                    |                      |                    |                                      |                |                             |                                                                         |  |  |
|                    |                      |                    |                                      |                |                             |                                                                         |  |  |
|                    |                      |                    |                                      |                |                             |                                                                         |  |  |
|                    |                      |                    |                                      |                |                             |                                                                         |  |  |
|                    |                      |                    |                                      |                |                             |                                                                         |  |  |
|                    |                      |                    |                                      |                |                             |                                                                         |  |  |
|                    |                      |                    |                                      |                |                             |                                                                         |  |  |
|                    |                      |                    |                                      |                |                             |                                                                         |  |  |
|                    |                      |                    |                                      |                |                             |                                                                         |  |  |

# **APPENDIX 3:**

# Laboratory Analytical Reports for Soil and Groundwater Sampling



# **Technical Report**

prepared for:

# Hydro Environmental Solutions

One Deans Bridge Road Somers NY, 10589 Attention: Bill Canavan

Report Date: 03/28/2018 Client Project ID: 250 Mamaroneck Avenue, White Plains, NY York Project (SDG) No.: 18C0829

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE www.YORKLAB.com STRATFORD, CT 06615 (203) 325-1371 132-02 89th AVENUE FAX (203) 357-0166 RICHMOND HILL, NY 11418 ClientServices@yorklab.com Report Date: 03/28/2018 Client Project ID: 250 Mamaroneck Avenue, White Plains, NY York Project (SDG) No.: 18C0829

# **Hydro Environmental Solutions**

One Deans Bridge Road Somers NY, 10589 Attention: Bill Canavan

#### **Purpose and Results**

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 22, 2018 and listed below. The project was identified as your project: 250 Mamaroneck Avenue, White Plains, NY.

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

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

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

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

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

| <u>York Sample ID</u> | Client Sample ID     | <u>Matrix</u> | Date Collected | Date Received |
|-----------------------|----------------------|---------------|----------------|---------------|
| 18C0829-01            | GB-1 (11-12 ftbg)    | Soil          | 03/19/2018     | 03/22/2018    |
| 18C0829-02            | <b>GB-4 (1 ftbg)</b> | Soil          | 03/19/2018     | 03/22/2018    |
| 18C0829-03            | GB-12 (0.5-1 ftbg)   | Soil          | 03/20/2018     | 03/22/2018    |
| 18C0829-04            | GB-1-TW              | Water         | 03/20/2018     | 03/22/2018    |
| 18C0829-05            | GB-4-TW              | Water         | 03/20/2018     | 03/22/2018    |
| 18C0829-06            | GB-5-TW              | Water         | 03/20/2018     | 03/22/2018    |

### **General Notes** for York Project (SDG) No.: 18C0829

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

**Approved By:** Date: 03/28/2018 Benjamin Gulizia Laboratory Director



| Client Sample ID: GB-1 (11- | 12 ftbg)                                |        | York Sample ID:        | 18C0829-01    |
|-----------------------------|-----------------------------------------|--------|------------------------|---------------|
| York Project (SDG) No.      | Client Project ID                       | Matrix | Collection Date/Time   | Date Received |
| 18C0829                     | 250 Mamaroneck Avenue, White Plains, NY | Soil   | March 19, 2018 3:00 pm | 03/22/2018    |
|                             |                                         |        |                        |               |

|            | Volatile Organics, CP-51 (formerly STARS) List<br>ample Prepared by Method: EPA 5035A |        |            | <u>Log-in</u>       | <u>1 Notes</u> | <u>.</u> | <u>Sample Notes:</u>                            |           |                                                          |                                    |         |
|------------|---------------------------------------------------------------------------------------|--------|------------|---------------------|----------------|----------|-------------------------------------------------|-----------|----------------------------------------------------------|------------------------------------|---------|
| CAS No.    |                                                                                       | Result | Flag Units | Reported to LOD/MDL | LOQ            | Dilution | Reference                                       | Method    | Date/Time<br>Prepared                                    | Date/Time<br>Analyzed              | Analyst |
| 95-63-6    | 1,2,4-Trimethylbenzene                                                                | ND     | ug/kg dry  | 1.8                 | 3.5            | 1        | EPA 8260C                                       | CTD OUL V | 03/23/2018 13:49                                         | 03/24/2018 11:23                   | SS      |
| .08-67-8   | 1,3,5-Trimethylbenzene                                                                | ND     | ug/kg dry  | 1.8                 | 3.5            | 1        | Certifications:<br>EPA 8260C<br>Certifications: |           | ELAC-NY10854,NEL<br>03/23/2018 13:49<br>ELAC-NY10854,NEL | 03/24/2018 11:23                   | SS      |
| 71-43-2    | Benzene                                                                               | ND     | ug/kg dry  | 1.8                 | 3.5            | 1        | EPA 8260C<br>Certifications:                    | CTDOH,N   | 03/23/2018 13:49<br>ELAC-NY10854,NEL                     | 03/24/2018 11:23<br>AC-NY12058,PA  | SS      |
| 00-41-4    | Ethyl Benzene                                                                         | ND     | ug/kg dry  | 1.8                 | 3.5            | 1        | EPA 8260C<br>Certifications:                    |           | 03/23/2018 13:49<br>ELAC-NY10854,NEL                     | 03/24/2018 11:23                   | SS      |
| 98-82-8    | Isopropylbenzene                                                                      | ND     | ug/kg dry  | 1.8                 | 3.5            | 1        | EPA 8260C<br>Certifications:                    | CTDOH,N   | 03/23/2018 13:49<br>ELAC-NY10854,NEL                     | 03/24/2018 11:23<br>AC-NY12058,PA  | SS      |
| 634-04-4   | Methyl tert-butyl ether (MTBE)                                                        | ND     | ug/kg dry  | 1.8                 | 3.5            | 1        | EPA 8260C<br>Certifications:                    | CTDOH,N   | 03/23/2018 13:49<br>ELAC-NY10854,NEL                     | 03/24/2018 11:23<br>AC-NY12058,PA  | SS      |
| 01-20-3    | Naphthalene                                                                           | ND     | ug/kg dry  | 1.8                 | 7.1            | 1        | EPA 8260C<br>Certifications:                    | NELAC-N   | 03/23/2018 13:49<br>Y10854,NELAC-NY1:                    | 03/24/2018 11:23<br>2058,PADEP,NJE | SS      |
| 04-51-8    | n-Butylbenzene                                                                        | ND     | ug/kg dry  | 1.8                 | 3.5            | 1        | EPA 8260C<br>Certifications:                    | CTDOH,N   | 03/23/2018 13:49<br>ELAC-NY10854,NEL                     | 03/24/2018 11:23<br>AC-NY12058,PA  | SS      |
| 03-65-1    | n-Propylbenzene                                                                       | ND     | ug/kg dry  | 1.8                 | 3.5            | 1        | EPA 8260C<br>Certifications:                    | CTDOH,N   | 03/23/2018 13:49<br>ELAC-NY10854,NEL                     | 03/24/2018 11:23<br>AC-NY12058,PA  | SS      |
| 95-47-6    | o-Xylene                                                                              | ND     | ug/kg dry  | 1.8                 | 3.5            | 1        | EPA 8260C<br>Certifications:                    | CTDOH,N   | 03/23/2018 13:49<br>ELAC-NY10854,NEL                     | 03/24/2018 11:23<br>AC-NY12058,PA  | SS      |
| 79601-23-1 | p- & m- Xylenes                                                                       | ND     | ug/kg dry  | 3.5                 | 7.1            | 1        | EPA 8260C<br>Certifications:                    | CTDOH,N   | 03/23/2018 13:49<br>ELAC-NY10854,NEL                     | 03/24/2018 11:23<br>AC-NY12058,PA  | SS      |
| 99-87-6    | p-Isopropyltoluene                                                                    | ND     | ug/kg dry  | 1.8                 | 3.5            | 1        | EPA 8260C<br>Certifications:                    | CTDOH,N   | 03/23/2018 13:49<br>ELAC-NY10854,NEL                     | 03/24/2018 11:23<br>AC-NY12058,PA  | SS      |
| 35-98-8    | sec-Butylbenzene                                                                      | ND     | ug/kg dry  | 1.8                 | 3.5            | 1        | EPA 8260C<br>Certifications:                    | CTDOH,N   | 03/23/2018 13:49<br>ELAC-NY10854,NEL                     | 03/24/2018 11:23<br>AC-NY12058,PA  | SS      |
| 8-06-6     | tert-Butylbenzene                                                                     | ND     | ug/kg dry  | 1.8                 | 3.5            | 1        | EPA 8260C<br>Certifications:                    | CTDOH,N   | 03/23/2018 13:49<br>ELAC-NY10854,NEL                     | 03/24/2018 11:23<br>AC-NY12058,PA  | SS      |
| 08-88-3    | Toluene                                                                               | ND     | ug/kg dry  | 1.8                 | 3.5            | 1        | EPA 8260C<br>Certifications:                    | CTDOH,N   | 03/23/2018 13:49<br>ELAC-NY10854,NEL                     | 03/24/2018 11:23<br>AC-NY12058,PA  | SS      |
| 330-20-7   | Xylenes, Total                                                                        | ND     | ug/kg dry  | 5.3                 | 11             | 1        | EPA 8260C<br>Certifications:                    | CTDOH,N   | 03/23/2018 13:49<br>ELAC-NY10854,NEL                     | 03/24/2018 11:23<br>AC-NY12058,NJ  | SS      |
|            | Surrogate Recoveries                                                                  | Result | Acce       | ptance Ran          | ige            |          |                                                 |           |                                                          |                                    |         |
| 7060-07-0  | Surrogate: 1,2-Dichloroethane-d4                                                      | 100 %  |            | 77-125              |                |          |                                                 |           |                                                          |                                    |         |
| 037-26-5   | Surrogate: Toluene-d8                                                                 | 103 %  |            | 85-120              |                |          |                                                 |           |                                                          |                                    |         |
| 60-00-4    | Surrogate: p-Bromofluorobenzene                                                       | 101 %  |            | 76-130              |                |          |                                                 |           |                                                          |                                    |         |

ClientServices

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| Client Sample ID: GB-  | 1 (11-12 ftbg)                          |        | York Sample ID:        | 18C0829-01    |
|------------------------|-----------------------------------------|--------|------------------------|---------------|
| York Project (SDG) No. | Client Project ID                       | Matrix | Collection Date/Time   | Date Received |
| 18C0829                | 250 Mamaroneck Avenue, White Plains, NY | Soil   | March 19, 2018 3:00 pm | 03/22/2018    |

Sample Notes:

| Semi-Vola       | Semi-Volatiles, CP-51 (formerly STARS) List |        |      | Log-in Notes: |                     |     |          | Sample Notes:                |         |                                       |                              |         |
|-----------------|---------------------------------------------|--------|------|---------------|---------------------|-----|----------|------------------------------|---------|---------------------------------------|------------------------------|---------|
| Sample Prepared | d by Method: EPA 3550C                      |        |      |               |                     |     |          |                              |         |                                       |                              |         |
| CAS No.         | . Parameter                                 | Result | Flag | Units         | Reported to LOD/MDL | LOQ | Dilution | Reference M                  | lethod  | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |
| 83-32-9         | Acenaphthene                                | ND     |      | ug/kg dry     | 45                  | 90  | 2        | EPA 8270D<br>Certifications: | CTDOH,N | 03/24/2018 09:20<br>ELAC-NY10854,NJDF | 03/26/2018 10:24<br>EP,PADEP | KH      |
| 208-96-8        | Acenaphthylene                              | ND     |      | ug/kg dry     | 45                  | 90  | 2        | EPA 8270D<br>Certifications: | CTDOH,N | 03/24/2018 09:20<br>ELAC-NY10854,NJDH | 03/26/2018 10:24<br>EP,PADEP | КН      |
| 120-12-7        | Anthracene                                  | ND     |      | ug/kg dry     | 45                  | 90  | 2        | EPA 8270D<br>Certifications: | CTDOH,N | 03/24/2018 09:20<br>ELAC-NY10854,NJDF | 03/26/2018 10:24<br>EP,PADEP | КН      |
| 56-55-3         | Benzo(a)anthracene                          | ND     |      | ug/kg dry     | 45                  | 90  | 2        | EPA 8270D<br>Certifications: | CTDOH,N | 03/24/2018 09:20<br>ELAC-NY10854,NJDF | 03/26/2018 10:24<br>EP,PADEP | КН      |
| 50-32-8         | Benzo(a)pyrene                              | ND     |      | ug/kg dry     | 45                  | 90  | 2        | EPA 8270D<br>Certifications: | CTDOH,N | 03/24/2018 09:20<br>ELAC-NY10854,NJDI | 03/26/2018 10:24<br>EP,PADEP | КН      |
| 205-99-2        | Benzo(b)fluoranthene                        | ND     |      | ug/kg dry     | 45                  | 90  | 2        | EPA 8270D<br>Certifications: | CTDOH,N | 03/24/2018 09:20<br>ELAC-NY10854,NJDH | 03/26/2018 10:24<br>EP,PADEP | КН      |
| 191-24-2        | Benzo(g,h,i)perylene                        | ND     |      | ug/kg dry     | 45                  | 90  | 2        | EPA 8270D<br>Certifications: | CTDOH,N | 03/24/2018 09:20<br>ELAC-NY10854,NJDH | 03/26/2018 10:24<br>EP,PADEP | КН      |
| 207-08-9        | Benzo(k)fluoranthene                        | ND     |      | ug/kg dry     | 45                  | 90  | 2        | EPA 8270D<br>Certifications: | CTDOH,N | 03/24/2018 09:20<br>ELAC-NY10854,NJDH | 03/26/2018 10:24<br>EP,PADEP | КН      |
| 218-01-9        | Chrysene                                    | ND     |      | ug/kg dry     | 45                  | 90  | 2        | EPA 8270D<br>Certifications: | CTDOH,N | 03/24/2018 09:20<br>ELAC-NY10854,NJDH | 03/26/2018 10:24<br>EP,PADEP | КН      |
| 53-70-3         | Dibenzo(a,h)anthracene                      | ND     |      | ug/kg dry     | 45                  | 90  | 2        | EPA 8270D<br>Certifications: | CTDOH,N | 03/24/2018 09:20<br>ELAC-NY10854,NJDH | 03/26/2018 10:24<br>EP,PADEP | КН      |
| 206-44-0        | Fluoranthene                                | ND     |      | ug/kg dry     | 45                  | 90  | 2        | EPA 8270D<br>Certifications: | CTDOH,N | 03/24/2018 09:20<br>ELAC-NY10854,NJDH | 03/26/2018 10:24<br>EP,PADEP | КН      |
| 86-73-7         | Fluorene                                    | ND     |      | ug/kg dry     | 45                  | 90  | 2        | EPA 8270D<br>Certifications: | NELAC-N | 03/24/2018 09:20<br>Y10854,NJDEP,PADE | 03/26/2018 10:24<br>P        | КН      |
| 193-39-5        | Indeno(1,2,3-cd)pyrene                      | ND     |      | ug/kg dry     | 45                  | 90  | 2        | EPA 8270D<br>Certifications: | CTDOH,N | 03/24/2018 09:20<br>ELAC-NY10854,NJDH | 03/26/2018 10:24<br>EP,PADEP | КН      |
| 91-20-3         | Naphthalene                                 | ND     |      | ug/kg dry     | 45                  | 90  | 2        | EPA 8270D<br>Certifications: | CTDOH,N | 03/24/2018 09:20<br>ELAC-NY10854,NJDH | 03/26/2018 10:24<br>EP,PADEP | КН      |
| 85-01-8         | Phenanthrene                                | ND     |      | ug/kg dry     | 45                  | 90  | 2        | EPA 8270D<br>Certifications: | CTDOH,N | 03/24/2018 09:20<br>ELAC-NY10854,NJDF | 03/26/2018 10:24<br>EP,PADEP | КН      |
| 129-00-0        | Pyrene                                      | ND     |      | ug/kg dry     | 45                  | 90  | 2        | EPA 8270D<br>Certifications: | CTDOH,N | 03/24/2018 09:20<br>ELAC-NY10854,NJDH | 03/26/2018 10:24<br>EP,PADEP | KH      |
|                 | Surrogate Recoveries                        | Result |      | Acce          | ptance Ran          | ge  |          |                              |         |                                       |                              |         |
| 4165-60-0       | Surrogate: Nitrobenzene-d5                  | 48.8 % |      |               | 22-108              |     |          |                              |         |                                       |                              |         |
| 321-60-8        | Surrogate: 2-Fluorobiphenyl                 | 58.9 % |      |               | 21-113              |     |          |                              |         |                                       |                              |         |
| 1718-51-0       | Surrogate: Terphenyl-d14                    | 54.6 % |      |               | 24-116              |     |          |                              |         |                                       |                              |         |

#### **Total Solids**

| CAS No.      | Parameter | Result         | Flag     | Units | Reported<br>LOQ | to<br>Dilution | <b>Reference Method</b> | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analys |
|--------------|-----------|----------------|----------|-------|-----------------|----------------|-------------------------|-----------------------|-----------------------|--------|
| 120 RESEARCH | I DRIVE   | STRATFORD, 0   | CT 06615 |       |                 | 132-02 89th /  | AVENUE                  | RICHMOND HI           | L, NY 11418           |        |
| www.YORKLAB. | .com      | (203) 325-1371 |          |       |                 | FAX (203) 35   | 7-0166                  | ClientServices        | Page 5                | of 20  |

Log-in Notes:



| Client Sample ID: GB-1 (1 | 1-12 ftbg)                              |        | York Sample ID:        | 18C0829-01    |
|---------------------------|-----------------------------------------|--------|------------------------|---------------|
| York Project (SDG) No.    | <u>Client Project ID</u>                | Matrix | Collection Date/Time   | Date Received |
| 18C0829                   | 250 Mamaroneck Avenue, White Plains, NY | Soil   | March 19, 2018 3:00 pm | 03/22/2018    |
|                           |                                         |        |                        |               |

| <u>Total Solids</u> |                          |                     |                    | Log-in Notes:      |           | Sam                         | ple Notes | <u>.</u>              |                       |                  |
|---------------------|--------------------------|---------------------|--------------------|--------------------|-----------|-----------------------------|-----------|-----------------------|-----------------------|------------------|
| Sample Prepared by  | Method: % Solids Prep    |                     |                    |                    |           |                             |           |                       |                       |                  |
| CAS No.             | Parameter                | Result              | Flag Units         | Reported to<br>LOQ | Dilution  | Reference                   | Method    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst          |
| solids * 9          | % Solids                 | 92.3                | %                  | 0.100              | 1         | SM 2540G<br>Certifications: | СТДОН     | 03/27/2018 15:56      | 03/27/2018 17:46      | TAJ              |
|                     |                          |                     | Sample             | Information        |           |                             |           |                       |                       |                  |
| Client Sample       | <u>ID:</u> GB-4 (1 ftbg) |                     |                    |                    |           |                             |           | York Sample           | <u>e ID:</u> 180      | C <b>0829-02</b> |
| York Project (S     | SDG) No.                 | Client Pr           | roject ID          |                    | <u>Ma</u> | <u>atrix</u>                | Collect   | ion Date/Time         | Date                  | e Received       |
| 18C08               | 829                      | 250 Mamaroneck Aver | nue, White Plains, | NY                 | S         | oil                         | March 19  | , 2018 3:00 p         | m (                   | 3/22/2018        |

Log-in Notes:

Sample Notes:

#### Volatile Organics, CP-51 (formerly STARS) List

| Sample Prepared | by Method: EPA 5035A           |                                     |           |                     |     |                          |                              |          |                                       |                                    |         |
|-----------------|--------------------------------|-------------------------------------|-----------|---------------------|-----|--------------------------|------------------------------|----------|---------------------------------------|------------------------------------|---------|
| CAS No.         | Parameter                      | Result Fla                          | g Units   | Reported to LOD/MDL | LOQ | Dilution                 | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed              | Analyst |
| 95-63-6         | 1,2,4-Trimethylbenzene         | ND                                  | ug/kg dry | 2.2                 | 4.4 | 1                        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/23/2018 13:49<br>ELAC-NY10854,NEL  | 03/24/2018 11:52<br>AC-NY12058,PA  | SS      |
| 108-67-8        | 1,3,5-Trimethylbenzene         | ND                                  | ug/kg dry | 2.2                 | 4.4 | 1                        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/23/2018 13:49<br>ELAC-NY10854,NEL  | 03/24/2018 11:52<br>AC-NY12058,PA  | SS      |
| 71-43-2         | Benzene                        | ND                                  | ug/kg dry | 2.2                 | 4.4 | 1                        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/23/2018 13:49<br>ELAC-NY10854,NEL  | 03/24/2018 11:52<br>AC-NY12058,PA  | SS      |
| 100-41-4        | Ethyl Benzene                  | ND                                  | ug/kg dry | 2.2                 | 4.4 | 1                        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/23/2018 13:49<br>ELAC-NY10854,NEL  | 03/24/2018 11:52<br>AC-NY12058,PA  | SS      |
| 98-82-8         | Isopropylbenzene               | ND                                  | ug/kg dry | 2.2                 | 4.4 | 1                        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/23/2018 13:49<br>ELAC-NY10854,NEL  | 03/24/2018 11:52<br>AC-NY12058,PA  | SS      |
| 1634-04-4       | Methyl tert-butyl ether (MTBE) | ND                                  | ug/kg dry | 2.2                 | 4.4 | 1                        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/23/2018 13:49<br>ELAC-NY10854,NEL  | 03/24/2018 11:52<br>AC-NY12058,PA  | SS      |
| 91-20-3         | Naphthalene                    | ND                                  | ug/kg dry | 2.2                 | 8.8 | 1                        | EPA 8260C<br>Certifications: | NELAC-NY | 03/23/2018 13:49<br>/10854,NELAC-NY12 | 03/24/2018 11:52<br>2058,PADEP,NJE | SS      |
| 104-51-8        | n-Butylbenzene                 | ND                                  | ug/kg dry | 2.2                 | 4.4 | 1                        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/23/2018 13:49<br>ELAC-NY10854,NEL  | 03/24/2018 11:52<br>AC-NY12058,PA  | SS      |
| 103-65-1        | n-Propylbenzene                | ND                                  | ug/kg dry | 2.2                 | 4.4 | 1                        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/23/2018 13:49<br>ELAC-NY10854,NEL  | 03/24/2018 11:52<br>AC-NY12058,PA  | SS      |
| 95-47-6         | o-Xylene                       | ND                                  | ug/kg dry | 2.2                 | 4.4 | 1                        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/23/2018 13:49<br>ELAC-NY10854,NEL  | 03/24/2018 11:52<br>AC-NY12058,PA  | SS      |
| 179601-23-1     | p- & m- Xylenes                | ND                                  | ug/kg dry | 4.4                 | 8.8 | 1                        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/23/2018 13:49<br>ELAC-NY10854,NEL  | 03/24/2018 11:52<br>AC-NY12058,PA  | SS      |
| 99-87-6         | p-Isopropyltoluene             | ND                                  | ug/kg dry | 2.2                 | 4.4 | 1                        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/23/2018 13:49<br>ELAC-NY10854,NEL  | 03/24/2018 11:52<br>AC-NY12058,PA  | SS      |
| 135-98-8        | sec-Butylbenzene               | ND                                  | ug/kg dry | 2.2                 | 4.4 | 1                        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/23/2018 13:49<br>ELAC-NY10854,NEL  | 03/24/2018 11:52<br>AC-NY12058,PA  | SS      |
|                 | EARCH DRIVE<br>RKLAB.com       | STRATFORD, CT 066<br>(203) 325-1371 | 515       | •                   |     | 32-02 89th<br>AX (203) 3 |                              |          | RICHMOND HI<br>ClientServices         | LL, NY 11418<br>Page 6             |         |



| Client Sample ID: GB-4 (1 ftbg) |                                         |        | York Sample ID:        | 18C0829-02    |
|---------------------------------|-----------------------------------------|--------|------------------------|---------------|
| York Project (SDG) No.          | Client Project ID                       | Matrix | Collection Date/Time   | Date Received |
| 18C0829                         | 250 Mamaroneck Avenue, White Plains, NY | Soil   | March 19, 2018 3:00 pm | 03/22/2018    |

|                | Volatile Organics, CP-51 (formerly STARS) List<br>ample Prepared by Method: EPA 5035A |        |      |           |                        | 1 Notes | <u>.</u> | <u>Sample N</u>                   | lotes:                                   |                                   |         |
|----------------|---------------------------------------------------------------------------------------|--------|------|-----------|------------------------|---------|----------|-----------------------------------|------------------------------------------|-----------------------------------|---------|
| Sample Prepare |                                                                                       | Result | Flag | Units     | Reported to<br>LOD/MDL |         | Dilution | Reference Meth                    | Date/Time<br>od Prepared                 | Date/Time<br>Analyzed             | Analyst |
| 98-06-6        | tert-Butylbenzene                                                                     | ND     |      | ug/kg dry | 2.2                    | 4.4     | 1        | EPA 8260C<br>Certifications: CTDC | 03/23/2018 13:49<br>DH,NELAC-NY10854,NEL | 03/24/2018 11:52<br>AC-NY12058,PA | SS      |
| 108-88-3       | Toluene                                                                               | ND     |      | ug/kg dry | 2.2                    | 4.4     | 1        | EPA 8260C<br>Certifications: CTDC | 03/23/2018 13:49<br>DH,NELAC-NY10854,NEL | 03/24/2018 11:52<br>AC-NY12058,PA | SS      |
| 1330-20-7      | Xylenes, Total                                                                        | ND     |      | ug/kg dry | 6.6                    | 13      | 1        | EPA 8260C<br>Certifications: CTDC | 03/23/2018 13:49<br>DH,NELAC-NY10854,NEL | 03/24/2018 11:52<br>AC-NY12058,NJ | SS      |
|                | Surrogate Recoveries                                                                  | Result |      | Acce      | ptance Ran             | ige     |          |                                   |                                          |                                   |         |
| 17060-07-0     | Surrogate: 1,2-Dichloroethane-d4                                                      | 98.3 % |      |           | 77-125                 |         |          |                                   |                                          |                                   |         |
| 2037-26-5      | Surrogate: Toluene-d8                                                                 | 105 %  |      |           | 85-120                 |         |          |                                   |                                          |                                   |         |
| 460-00-4       | Surrogate: p-Bromofluorobenzene                                                       | 106 %  |      |           | 76-130                 |         |          |                                   |                                          |                                   |         |

Log-in Notes:

Sample Notes:

#### Semi-Volatiles, CP-51 (formerly STARS) List

#### Sample Prepared by Method: EPA 3550C

| CAS No.  | Parameter              | Result | Flag | Units     | Reported to LOD/MDL | LOQ | Dilution | Reference <b>N</b>           | Method    | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |
|----------|------------------------|--------|------|-----------|---------------------|-----|----------|------------------------------|-----------|---------------------------------------|------------------------------|---------|
| 83-32-9  | Acenaphthene           | ND     |      | ug/kg dry | 46                  | 92  | 2        | EPA 8270D<br>Certifications: | CTDOH NE  | 03/24/2018 09:20<br>LAC-NY10854,NJDE  | 03/26/2018 10:56             | КН      |
| 208-96-8 | Acenaphthylene         | ND     |      | ug/kg dry | 46                  | 92  | 2        | EPA 8270D                    |           | 03/24/2018 09:20<br>LAC-NY10854,NJDE  | 03/26/2018 10:56             | КН      |
| 120-12-7 | Anthracene             | ND     |      | ug/kg dry | 46                  | 92  | 2        | EPA 8270D<br>Certifications: | CTDOH,NE  | 03/24/2018 09:20<br>LAC-NY10854,NJDE  | 03/26/2018 10:56<br>EP,PADEP | KH      |
| 56-55-3  | Benzo(a)anthracene     | ND     |      | ug/kg dry | 46                  | 92  | 2        | EPA 8270D<br>Certifications: | CTDOH,NE  | 03/24/2018 09:20<br>LAC-NY10854,NJDE  | 03/26/2018 10:56<br>EP,PADEP | KH      |
| 50-32-8  | Benzo(a)pyrene         | ND     |      | ug/kg dry | 46                  | 92  | 2        | EPA 8270D<br>Certifications: | CTDOH,NEI | 03/24/2018 09:20<br>LAC-NY10854,NJDE  | 03/26/2018 10:56<br>EP,PADEP | КН      |
| 205-99-2 | Benzo(b)fluoranthene   | ND     |      | ug/kg dry | 46                  | 92  | 2        | EPA 8270D<br>Certifications: | CTDOH,NEI | 03/24/2018 09:20<br>LAC-NY10854,NJDE  | 03/26/2018 10:56<br>EP,PADEP | КН      |
| 191-24-2 | Benzo(g,h,i)perylene   | ND     |      | ug/kg dry | 46                  | 92  | 2        | EPA 8270D<br>Certifications: | CTDOH,NEI | 03/24/2018 09:20<br>LAC-NY10854,NJDE  | 03/26/2018 10:56<br>EP,PADEP | КН      |
| 207-08-9 | Benzo(k)fluoranthene   | ND     |      | ug/kg dry | 46                  | 92  | 2        | EPA 8270D<br>Certifications: | CTDOH,NEI | 03/24/2018 09:20<br>LAC-NY10854,NJDE  | 03/26/2018 10:56<br>EP,PADEP | КН      |
| 218-01-9 | Chrysene               | ND     |      | ug/kg dry | 46                  | 92  | 2        | EPA 8270D<br>Certifications: | CTDOH,NEI | 03/24/2018 09:20<br>LAC-NY10854,NJDE  | 03/26/2018 10:56<br>EP,PADEP | КН      |
| 53-70-3  | Dibenzo(a,h)anthracene | ND     |      | ug/kg dry | 46                  | 92  | 2        | EPA 8270D<br>Certifications: | CTDOH,NEI | 03/24/2018 09:20<br>LAC-NY10854,NJDE  | 03/26/2018 10:56<br>EP,PADEP | КН      |
| 206-44-0 | Fluoranthene           | ND     |      | ug/kg dry | 46                  | 92  | 2        | EPA 8270D<br>Certifications: | CTDOH,NEI | 03/24/2018 09:20<br>LAC-NY10854,NJDE  | 03/26/2018 10:56<br>EP,PADEP | КН      |
| 86-73-7  | Fluorene               | 58     | J    | ug/kg dry | 46                  | 92  | 2        | EPA 8270D<br>Certifications: | NELAC-NY  | 03/24/2018 09:20<br>10854,NJDEP,PADEF | 03/26/2018 10:56             | КН      |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND     |      | ug/kg dry | 46                  | 92  | 2        | EPA 8270D<br>Certifications: | CTDOH,NE  | 03/24/2018 09:20<br>LAC-NY10854,NJDE  | 03/26/2018 10:56<br>EP,PADEP | КН      |

120 RESEARCH DRIVESTRATFORD, CT 06615132-02 89th AVENUERICHMOND HILL, NY 11418www.YORKLAB.com(203) 325-1371FAX (203) 357-0166ClientServicesPage 7 of 20



|                   |                             |                    |           | Sampic       | mom                 | ation |          |                              |          |                                       |                              |                  |
|-------------------|-----------------------------|--------------------|-----------|--------------|---------------------|-------|----------|------------------------------|----------|---------------------------------------|------------------------------|------------------|
| <u>Client Sar</u> | nple ID: GB-4 (1 ftbg)      |                    |           |              |                     |       |          |                              |          | York Sample                           | <u>e ID:</u> 18              | C <b>0829-02</b> |
| York Proje        | ect (SDG) No.               | Client P           | roject II | <u>)</u>     |                     |       | M        | <u>atrix</u>                 | Colle    | ction Date/Time                       | Date                         | e Received       |
| 1                 | 8C0829                      | 250 Mamaroneck Ave | nue, Wł   | nite Plains, | NY                  |       | S        | Soil                         | March    | 19, 2018 3:00 p                       | m (                          | 3/22/2018        |
|                   |                             |                    |           |              |                     |       |          |                              |          |                                       |                              |                  |
| Semi-Vola         | atiles, CP-51 (formerly STA | RS) List           |           |              | <u>Log-in</u>       | Notes | <u>.</u> | Sam                          | ple Note | es:                                   |                              |                  |
| Sample Prepare    | ed by Method: EPA 3550C     |                    |           |              |                     |       |          |                              |          |                                       |                              |                  |
| CAS No            | o. Parameter                | Result             | Flag      | Units        | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst          |
| 91-20-3           | Naphthalene                 | ND                 |           | ug/kg dry    | 46                  | 92    | 2        | EPA 8270D                    |          | 03/24/2018 09:20                      | 03/26/2018 10:56             | КН               |
|                   |                             |                    |           |              |                     |       |          | Certifications:              | CTDOH,N  | ELAC-NY10854,NJDI                     | EP,PADEP                     |                  |
| 85-01-8           | Phenanthrene                | 70                 | J         | ug/kg dry    | 46                  | 92    | 2        | EPA 8270D<br>Certifications: | CTDOH,N  | 03/24/2018 09:20<br>ELAC-NY10854,NJDH | 03/26/2018 10:56<br>EP,PADEP | КН               |
| 129-00-0          | Pyrene                      | 72                 | J         | ug/kg dry    | 46                  | 92    | 2        | EPA 8270D<br>Certifications: | CTDOH,N  | 03/24/2018 09:20<br>ELAC-NY10854,NJDF | 03/26/2018 10:56<br>EP,PADEP | KH               |
|                   | Surrogate Recoveri          | es Result          |           | Acce         | ptance Ran          | ge    |          |                              |          | *                                     |                              |                  |
| 4165-60-0         | Surrogate: Nitrobenzene-d5  | 55.8 %             |           |              | 22-108              |       |          |                              |          |                                       |                              |                  |
| 321-60-8          | Surrogate: 2-Fluorobiphenyl | 67.5 %             |           |              | 21-113              |       |          |                              |          |                                       |                              |                  |
| 1718-51-0         | Surrogate: Terphenyl-d14    | 60.8 %             |           |              | 24-116              |       |          |                              |          |                                       |                              |                  |

#### <u>Total Solids</u>

Sample Prepared by Method: % Solids Prep

| CAS No.        | Parameter                   | Result F             | Flag Units         | Reported to<br>LOQ | Dilution | Referenc                    | e Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst   |
|----------------|-----------------------------|----------------------|--------------------|--------------------|----------|-----------------------------|----------|-----------------------|-----------------------|-----------|
| solids *       | % Solids                    | 90,3                 | %                  | 0.100              | 1        | SM 2540G<br>Certifications: | СТДОН    | 03/27/2018 10:24      | 03/27/2018 15:45      | TAJ       |
|                |                             |                      | Sample             | Information        |          |                             |          |                       |                       |           |
| Client Sample  | <u>e ID:</u> GB-12 (0.5-1 f | itbg)                |                    |                    |          |                             |          | <u>York Sample</u>    | <u>e ID:</u> 180      | 0829-03   |
| York Project ( | <u>SDG) No.</u>             | Client Proj          | iect ID            |                    | M        | atrix                       | Colle    | ction Date/Time       | Date                  | Received  |
| 1800           | 0829                        | 250 Mamaroneck Avenu | e, White Plains, I | NY                 | 5        | Soil                        | March 2  | 20, 2018 3:00 p       | m 0                   | 3/22/2018 |

Log-in Notes:

| Volatile Organics, CP-51 (forn       | nerly STARS) List |
|--------------------------------------|-------------------|
| Sample Prepared by Method: EPA 5035A |                   |

Log-in Notes:

Sample Notes:

Sample Notes:

| CAS No   | . Parameter            | Result Flag        | Units     | Reported to LOD/MDL | LOQ | Dilution   | Reference                    | Method   | Date/Time<br>Prepared                | Date/Time<br>Analyzed             | Analyst |
|----------|------------------------|--------------------|-----------|---------------------|-----|------------|------------------------------|----------|--------------------------------------|-----------------------------------|---------|
| 95-63-6  | 1,2,4-Trimethylbenzene | ND                 | ug/kg dry | 1.9                 | 3.8 | 1          | EPA 8260C<br>Certifications: | CTDOH,NI | 03/23/2018 13:49<br>ELAC-NY10854,NEL | 03/24/2018 12:22<br>AC-NY12058,PA | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND                 | ug/kg dry | 1.9                 | 3.8 | 1          | EPA 8260C<br>Certifications: | CTDOH,NI | 03/23/2018 13:49<br>ELAC-NY10854,NEL | 03/24/2018 12:22<br>AC-NY12058,PA | SS      |
| 71-43-2  | Benzene                | ND                 | ug/kg dry | 1.9                 | 3.8 | 1          | EPA 8260C<br>Certifications: | CTDOH,NI | 03/23/2018 13:49<br>ELAC-NY10854,NEL | 03/24/2018 12:22<br>AC-NY12058,PA | SS      |
| 100-41-4 | Ethyl Benzene          | ND                 | ug/kg dry | 1.9                 | 3.8 | 1          | EPA 8260C<br>Certifications: | CTDOH,NI | 03/23/2018 13:49<br>ELAC-NY10854,NEL | 03/24/2018 12:22<br>AC-NY12058,PA | SS      |
| 98-82-8  | Isopropylbenzene       | ND                 | ug/kg dry | 1.9                 | 3.8 | 1          | EPA 8260C<br>Certifications: | CTDOH,NI | 03/23/2018 13:49<br>ELAC-NY10854,NEL | 03/24/2018 12:22<br>AC-NY12058,PA | SS      |
| 120 RES  | SEARCH DRIVE           | STRATFORD, CT 0661 | 5         |                     | 1   | 32-02 89th | AVENUE                       |          | RICHMOND HI                          | LL, NY 11418                      |         |
| www.YC   | DRKLAB.com             | (203) 325-1371     |           |                     | F   | AX (203) 3 | 357-0166                     |          | ClientServices                       | Page 8                            | of 20   |



| <u>Client Sample ID:</u> G | B-12 (0.5-1 ftbg)                       |        | York Sample ID:        | 18C0829-03    |
|----------------------------|-----------------------------------------|--------|------------------------|---------------|
| York Project (SDG) No.     | Client Project ID                       | Matrix | Collection Date/Time   | Date Received |
| 18C0829                    | 250 Mamaroneck Avenue, White Plains, NY | Soil   | March 20, 2018 3:00 pm | 03/22/2018    |

| Volatile Organics, CP-51 (formerly STARS) List |                                  |          |            | <u>Log-in</u>       | Notes | <u>:</u> | Sample Notes:                       |                                       |                                   |         |  |
|------------------------------------------------|----------------------------------|----------|------------|---------------------|-------|----------|-------------------------------------|---------------------------------------|-----------------------------------|---------|--|
| Sample Prepared                                | d by Method: EPA 5035A Parameter | Result I | Flag Units | Reported to LOD/MDL | LOQ   | Dilution | Reference Method                    | Date/Time<br>Prepared                 | Date/Time<br>Analyzed             | Analyst |  |
| 1634-04-4                                      | Methyl tert-butyl ether (MTBE)   | ND       | ug/kg dry  | 1.9                 | 3.8   | 1        | EPA 8260C<br>Certifications: CTDOH, | 03/23/2018 13:49<br>NELAC-NY10854,NEL | 03/24/2018 12:22<br>AC-NY12058,PA | SS      |  |
| 91-20-3                                        | Naphthalene                      | 15       | ug/kg dry  | 1.9                 | 7.6   | 1        | EPA 8260C                           | 03/23/2018 13:49<br>NY10854,NELAC-NY1 | 03/24/2018 12:22                  | SS      |  |
| 104-51-8                                       | n-Butylbenzene                   | ND       | ug/kg dry  | 1.9                 | 3.8   | 1        | EPA 8260C<br>Certifications: CTDOH, | 03/23/2018 13:49<br>NELAC-NY10854,NEL | 03/24/2018 12:22<br>AC-NY12058,PA | SS      |  |
| 103-65-1                                       | n-Propylbenzene                  | ND       | ug/kg dry  | 1.9                 | 3.8   | 1        | EPA 8260C<br>Certifications: CTDOH, | 03/23/2018 13:49<br>NELAC-NY10854,NEL | 03/24/2018 12:22<br>AC-NY12058,PA | SS      |  |
| 95-47-6                                        | o-Xylene                         | ND       | ug/kg dry  | 1.9                 | 3.8   | 1        | EPA 8260C<br>Certifications: CTDOH, | 03/23/2018 13:49<br>NELAC-NY10854,NEL | 03/24/2018 12:22<br>AC-NY12058,PA | SS      |  |
| 179601-23-1                                    | p- & m- Xylenes                  | ND       | ug/kg dry  | 3.8                 | 7.6   | 1        | EPA 8260C<br>Certifications: CTDOH, | 03/23/2018 13:49<br>NELAC-NY10854,NEL | 03/24/2018 12:22<br>AC-NY12058,PA | SS      |  |
| 99-87-6                                        | p-Isopropyltoluene               | ND       | ug/kg dry  | 1.9                 | 3.8   | 1        | EPA 8260C<br>Certifications: CTDOH, | 03/23/2018 13:49<br>NELAC-NY10854,NEL | 03/24/2018 12:22<br>AC-NY12058,PA | SS      |  |
| 135-98-8                                       | sec-Butylbenzene                 | ND       | ug/kg dry  | 1.9                 | 3.8   | 1        | EPA 8260C<br>Certifications: CTDOH, | 03/23/2018 13:49<br>NELAC-NY10854,NEL | 03/24/2018 12:22<br>AC-NY12058,PA | SS      |  |
| 98-06-6                                        | tert-Butylbenzene                | ND       | ug/kg dry  | 1.9                 | 3.8   | 1        | EPA 8260C<br>Certifications: CTDOH, | 03/23/2018 13:49<br>NELAC-NY10854,NEL | 03/24/2018 12:22<br>AC-NY12058,PA | SS      |  |
| 108-88-3                                       | Toluene                          | ND       | ug/kg dry  | 1.9                 | 3.8   | 1        | EPA 8260C<br>Certifications: CTDOH, | 03/23/2018 13:49<br>NELAC-NY10854,NEL | 03/24/2018 12:22<br>AC-NY12058,PA | SS      |  |
| 1330-20-7                                      | Xylenes, Total                   | ND       | ug/kg dry  | 5.7                 | 11    | 1        | EPA 8260C<br>Certifications: CTDOH, | 03/23/2018 13:49<br>NELAC-NY10854,NEL | 03/24/2018 12:22<br>AC-NY12058,NJ | SS      |  |
|                                                | Surrogate Recoveries             | Result   | Acco       | eptance Ran         | ge    |          |                                     |                                       |                                   |         |  |
| 17060-07-0                                     | Surrogate: 1,2-Dichloroethane-d4 | 100 %    |            | 77-125              |       |          |                                     |                                       |                                   |         |  |
| 2037-26-5                                      | Surrogate: Toluene-d8            | 103 %    |            | 85-120              |       |          |                                     |                                       |                                   |         |  |
| 460-00-4                                       | Surrogate: p-Bromofluorobenzene  | 97.6 %   | •          | 76-130              |       |          |                                     |                                       |                                   |         |  |

### Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

| CAS No   | . Parameter        | Result | Flag Units | Reported to LOD/MDL | LOQ | Dilution | Reference !                  | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed       | Analyst |
|----------|--------------------|--------|------------|---------------------|-----|----------|------------------------------|----------|---------------------------------------|-----------------------------|---------|
| 83-32-9  | Acenaphthene       | 230    | ug/kg dry  | 46                  | 92  | 2        | EPA 8270D<br>Certifications: | CTDOH,NE | 03/24/2018 09:20<br>ELAC-NY10854,NJDE | 03/26/2018 11:26<br>P,PADEP | КН      |
| 208-96-8 | Acenaphthylene     | ND     | ug/kg dry  | 46                  | 92  | 2        | EPA 8270D<br>Certifications: | CTDOH,NE | 03/24/2018 09:20<br>ELAC-NY10854,NJDE | 03/26/2018 11:26<br>P,PADEP | КН      |
| 120-12-7 | Anthracene         | 130    | ug/kg dry  | 46                  | 92  | 2        | EPA 8270D<br>Certifications: | CTDOH,NE | 03/24/2018 09:20<br>ELAC-NY10854,NJDE | 03/26/2018 11:26<br>P,PADEP | КН      |
| 56-55-3  | Benzo(a)anthracene | ND     | ug/kg dry  | 46                  | 92  | 2        | EPA 8270D<br>Certifications: | CTDOH,NE | 03/24/2018 09:20<br>ELAC-NY10854,NJDE | 03/26/2018 11:26<br>P,PADEP | KH      |
| 50-32-8  | Benzo(a)pyrene     | ND     | ug/kg dry  | 46                  | 92  | 2        | EPA 8270D<br>Certifications: | CTDOH,NE | 03/24/2018 09:20<br>ELAC-NY10854,NJDE | 03/26/2018 11:26<br>P,PADEP | КН      |

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| Client Sample ID: GB-12 | 2 (0.5-1 ftbg)                          |        | York Sample ID:        | 18C0829-03    |
|-------------------------|-----------------------------------------|--------|------------------------|---------------|
| York Project (SDG) No.  | Client Project ID                       | Matrix | Collection Date/Time   | Date Received |
| 18C0829                 | 250 Mamaroneck Avenue, White Plains, NY | Soil   | March 20, 2018 3:00 pm | 03/22/2018    |

|             | tiles, CP-51 (formerly STARS            | <u>) List</u> |            | <u>Log-ir</u>       | <u>n Notes:</u> |          | <u>Sample Not</u>                    | es:                                    |                              |         |
|-------------|-----------------------------------------|---------------|------------|---------------------|-----------------|----------|--------------------------------------|----------------------------------------|------------------------------|---------|
| CAS No      | d by Method: EPA 3550C . Parameter      | Result        | Flag Units | Reported to LOD/MDL | LOQ             | Dilution | Reference Method                     | Date/Time<br>Prepared                  | Date/Time<br>Analyzed        | Analyst |
| 205-99-2    | Benzo(b)fluoranthene                    | ND            | ug/kg dry  | 46                  | 92              | 2        | EPA 8270D<br>Certifications: CTDOH,  | 03/24/2018 09:20<br>JELAC-NY10854,NJDI | 03/26/2018 11:26<br>EP,PADEP | КН      |
| 191-24-2    | Benzo(g,h,i)perylene                    | ND            | ug/kg dry  | 46                  | 92              | 2        | EPA 8270D<br>Certifications: CTDOH,  | 03/24/2018 09:20<br>NELAC-NY10854,NJDI | 03/26/2018 11:26<br>EP,PADEP | КН      |
| 207-08-9    | Benzo(k)fluoranthene                    | ND            | ug/kg dry  | 46                  | 92              | 2        | EPA 8270D<br>Certifications: CTDOH,N | 03/24/2018 09:20<br>NELAC-NY10854,NJDI | 03/26/2018 11:26<br>EP,PADEP | КН      |
| 218-01-9    | Chrysene                                | ND            | ug/kg dry  | 46                  | 92              | 2        | EPA 8270D<br>Certifications: CTDOH,N | 03/24/2018 09:20<br>NELAC-NY10854,NJDI | 03/26/2018 11:26<br>EP,PADEP | КН      |
| 53-70-3     | Dibenzo(a,h)anthracene                  | ND            | ug/kg dry  | 46                  | 92              | 2        | EPA 8270D<br>Certifications: CTDOH,N | 03/24/2018 09:20<br>VELAC-NY10854,NJDI | 03/26/2018 11:26<br>EP,PADEP | КН      |
| 206-44-0    | Fluoranthene                            | ND            | ug/kg dry  | 46                  | 92              | 2        | EPA 8270D<br>Certifications: CTDOH,N | 03/24/2018 09:20<br>NELAC-NY10854,NJDI | 03/26/2018 11:26<br>EP,PADEP | КН      |
| 86-73-7     | Fluorene                                | 340           | ug/kg dry  | 46                  | 92              | 2        | EPA 8270D<br>Certifications: NELAC-N | 03/24/2018 09:20<br>NY10854,NJDEP,PADE | 03/26/2018 11:26<br>P        | КН      |
| 193-39-5    | Indeno(1,2,3-cd)pyrene                  | ND            | ug/kg dry  | 46                  | 92              | 2        | EPA 8270D<br>Certifications: CTDOH,N | 03/24/2018 09:20<br>NELAC-NY10854,NJDI | 03/26/2018 11:26<br>EP,PADEP | KH      |
| 91-20-3     | Naphthalene                             | 130           | ug/kg dry  | 46                  | 92              | 2        | EPA 8270D<br>Certifications: CTDOH,N | 03/24/2018 09:20<br>NELAC-NY10854,NJDI | 03/26/2018 11:26<br>EP,PADEP | КН      |
| 35-01-8     | Phenanthrene                            | 460           | ug/kg dry  | 46                  | 92              | 2        | EPA 8270D<br>Certifications: CTDOH,N | 03/24/2018 09:20<br>NELAC-NY10854,NJDI | 03/26/2018 11:26<br>EP,PADEP | KH      |
| 129-00-0    | Pyrene                                  | 270           | ug/kg dry  | 46                  | 92              | 2        | EPA 8270D<br>Certifications: CTDOH,N | 03/24/2018 09:20<br>NELAC-NY10854,NJDI | 03/26/2018 11:26<br>EP,PADEP | КН      |
|             | Surrogate Recoveries                    | Result        | Acce       | ptance Rar          | ige             |          |                                      |                                        |                              |         |
| 165-60-0    | Surrogate: Nitrobenzene-d5              | 49.8 %        |            | 22-108              |                 |          |                                      |                                        |                              |         |
| 321-60-8    | Surrogate: 2-Fluorobiphenyl             | 56.8 %        |            | 21-113              |                 |          |                                      |                                        |                              |         |
| 1718-51-0   | Surrogate: Terphenyl-d14                | 54.7 %        |            | 24-116              |                 |          |                                      |                                        |                              |         |
| Total Solid | <u>ls</u><br>d by Method: % Solids Prep |               |            | <u>Log-ir</u>       | <u>n Notes:</u> |          | <u>Sample Not</u>                    | es:                                    |                              |         |
| CAS No      | . Parameter                             | Result        | Flag Units |                     | Reported to LOQ | Dilution | Reference Method                     | Date/Time<br>Prepared                  | Date/Time<br>Analyzed        | Analyst |
| solids      | * % Solids                              | 90.5          | %          |                     | 0.100           | 1        | SM 2540G                             | 03/27/2018 15:56                       | 03/27/2018 17:46             | TAJ     |

#### **Sample Information**

| <u>Client Sample ID:</u> GB-1-TW |                                         |        | York Sample ID:        | 18C0829-04    |
|----------------------------------|-----------------------------------------|--------|------------------------|---------------|
| York Project (SDG) No.           | Client Project ID                       | Matrix | Collection Date/Time   | Date Received |
| 18C0829                          | 250 Mamaroneck Avenue, White Plains, NY | Water  | March 20, 2018 3:00 pm | 03/22/2018    |

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Certifications:

CTDOH

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| <u>Client Sample ID:</u> GB-1-TW |                                         |        | York Sample ID:        | 18C0829-04    |
|----------------------------------|-----------------------------------------|--------|------------------------|---------------|
| York Project (SDG) No.           | Client Project ID                       | Matrix | Collection Date/Time   | Date Received |
| 18C0829                          | 250 Mamaroneck Avenue, White Plains, NY | Water  | March 20, 2018 3:00 pm | 03/22/2018    |

| Sample Prepared | d by Method: EPA 5030B           |        |      |       |                                          |      |          |                              |          |                                       |                                    |         |
|-----------------|----------------------------------|--------|------|-------|------------------------------------------|------|----------|------------------------------|----------|---------------------------------------|------------------------------------|---------|
| CAS No.         | . Parameter                      | Result | Flag | Units | Reported to LOD/MDL                      | LOQ  | Dilution | Reference                    | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed              | Analyst |
| 95-63-6         | 1,2,4-Trimethylbenzene           | ND     |      | ug/L  | 0.20                                     | 0.50 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/27/2018 11:52<br>ELAC-NY10854,NEL  | 03/27/2018 14:25<br>AC-NY12058,NJ  | SS      |
| 108-67-8        | 1,3,5-Trimethylbenzene           | ND     |      | ug/L  | 0.20                                     | 0.50 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/27/2018 11:52<br>ELAC-NY10854,NEL  | 03/27/2018 14:25<br>AC-NY12058,NJ  | SS      |
| 71-43-2         | Benzene                          | ND     |      | ug/L  | 0.20                                     | 0.50 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/27/2018 11:52<br>ELAC-NY10854,NEL  | 03/27/2018 14:25<br>AC-NY12058,NJ  | SS      |
| 100-41-4        | Ethyl Benzene                    | ND     |      | ug/L  | 0.20                                     | 0.50 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/27/2018 11:52<br>ELAC-NY10854,NEL  | 03/27/2018 14:25<br>AC-NY12058,NJ  | SS      |
| 98-82-8         | Isopropylbenzene                 | ND     |      | ug/L  | 0.20                                     | 0.50 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/27/2018 11:52<br>ELAC-NY10854,NEL  | 03/27/2018 14:25<br>AC-NY12058,NJ  | SS      |
| 1634-04-4       | Methyl tert-butyl ether (MTBE)   | ND     |      | ug/L  | 0.20                                     | 0.50 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/27/2018 11:52<br>ELAC-NY10854,NEL  | 03/27/2018 14:25<br>AC-NY12058,NJ  | SS      |
| 91-20-3         | Naphthalene                      | ND     |      | ug/L  | 1.0                                      | 2.0  | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 03/27/2018 11:52<br>¥10854,NELAC-NY12 | 03/27/2018 14:25<br>2058,NJDEP,PAE | SS      |
| 104-51-8        | n-Butylbenzene                   | ND     |      | ug/L  | 0.20                                     | 0.50 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/27/2018 11:52<br>ELAC-NY10854,NEL  | 03/27/2018 14:25<br>AC-NY12058,NJ  | SS      |
| 103-65-1        | n-Propylbenzene                  | ND     |      | ug/L  | 0.20                                     | 0.50 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/27/2018 11:52<br>ELAC-NY10854,NEL  | 03/27/2018 14:25<br>AC-NY12058,NJ  | SS      |
| 95-47-6         | o-Xylene                         | ND     |      | ug/L  | 0.20                                     | 0.50 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/27/2018 11:52<br>ELAC-NY10854,NEL  | 03/27/2018 14:25<br>AC-NY12058,PA  | SS      |
| 179601-23-1     | p- & m- Xylenes                  | ND     |      | ug/L  | 0.50                                     | 1.0  | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/27/2018 11:52<br>ELAC-NY10854,NEL  | 03/27/2018 14:25<br>AC-NY12058,PA  | SS      |
| 99-87-6         | p-Isopropyltoluene               | ND     |      | ug/L  | 0.20                                     | 0.50 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/27/2018 11:52<br>ELAC-NY10854,NEL  | 03/27/2018 14:25<br>AC-NY12058,NJ  | SS      |
| 135-98-8        | sec-Butylbenzene                 | ND     |      | ug/L  | 0.20                                     | 0.50 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/27/2018 11:52<br>ELAC-NY10854,NEL  | 03/27/2018 14:25<br>AC-NY12058,NJ  | SS      |
| 98-06-6         | tert-Butylbenzene                | ND     |      | ug/L  | 0.20                                     | 0.50 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/27/2018 11:52<br>ELAC-NY10854,NEL  | 03/27/2018 14:25<br>AC-NY12058,NJ  | SS      |
| 108-88-3        | Toluene                          | ND     |      | ug/L  | 0.20                                     | 0.50 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/27/2018 11:52<br>ELAC-NY10854,NEL  | 03/27/2018 14:25<br>AC-NY12058,NJ  | SS      |
| 1330-20-7       | Xylenes, Total                   | ND     |      | ug/L  | 0.60                                     | 1.5  | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 03/27/2018 11:52<br>ELAC-NY10854,NEL  | 03/27/2018 14:25<br>AC-NY12058,NJ  | SS      |
|                 | Surrogate Recoveries             | Result |      | Acc   | eptance Ran                              | ge   |          |                              |          |                                       |                                    |         |
| 17060-07-0      | Surrogate: 1,2-Dichloroethane-d4 | 106 %  |      |       | 69-130                                   |      |          |                              |          |                                       |                                    |         |
| 2037-26-5       | Surrogate: Toluene-d8            | 102 %  |      |       | 81-117                                   |      |          |                              |          |                                       |                                    |         |
| 460-00-4        | Surrogate: p-Bromofluorobenzene  | 100 %  |      |       | 79-122                                   |      |          |                              |          |                                       |                                    |         |
|                 |                                  |        |      |       | ,, , , , , , , , , , , , , , , , , , , , |      |          |                              |          |                                       |                                    |         |

| emi-Volatiles, CP-51 (formerly STARS)-Low Level |               |                | el Log-in Notes: |       |                     |     |              | Sample Not              |                       |                       |         |
|-------------------------------------------------|---------------|----------------|------------------|-------|---------------------|-----|--------------|-------------------------|-----------------------|-----------------------|---------|
| mple Prepared by Metho                          | od: EPA 3510C |                |                  |       |                     |     |              |                         |                       |                       |         |
| CAS No.                                         | Parameter     | Result         | Flag             | Units | Reported to LOD/MDL | LOQ | Dilution     | <b>Reference Method</b> | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
| 120 RESEARCH                                    | I DRIVE       | STRATFORD,     | CT 06615         |       |                     | 1   | 32-02 89th / | VENUE                   | RICHMOND HI           | LL, NY 11418          |         |
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| <u>Client Sample ID:</u> GB-1-TW |                                         |        | York Sample ID:        | 18C0829-04    |
|----------------------------------|-----------------------------------------|--------|------------------------|---------------|
| York Project (SDG) No.           | Client Project ID                       | Matrix | Collection Date/Time   | Date Received |
| 18C0829                          | 250 Mamaroneck Avenue, White Plains, NY | Water  | March 20, 2018 3:00 pm | 03/22/2018    |

| <u>Semi-Vola</u> t | emi-Volatiles, CP-51 (formerly STARS)-Low Level             |        |  |       | Log-in Notes: <u>Sample Notes:</u> EXT-EM |        |          |                              |          |                                       |                              |         |
|--------------------|-------------------------------------------------------------|--------|--|-------|-------------------------------------------|--------|----------|------------------------------|----------|---------------------------------------|------------------------------|---------|
|                    | nple Prepared by Method: EPA 3510C CAS No. Parameter Result |        |  | Units | Reported to LOD/MDL                       | LOQ    | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |
| 83-32-9            | Acenaphthene                                                | 0.300  |  | ug/L  | 0.0556                                    | 0.0556 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 03/23/2018 07:29<br>ELAC-NY10854,NJDF | 03/23/2018 14:09<br>EP,PADEP | SR      |
| 208-96-8           | Acenaphthylene                                              | 0.0778 |  | ug/L  | 0.0556                                    | 0.0556 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 03/23/2018 07:29<br>ELAC-NY10854,NJDH | 03/23/2018 14:09<br>EP,PADEP | SR      |
| 120-12-7           | Anthracene                                                  | 0.156  |  | ug/L  | 0.0556                                    | 0.0556 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 03/23/2018 07:29<br>ELAC-NY10854,NJDH | 03/23/2018 14:09<br>EP,PADEP | SR      |
| 56-55-3            | Benzo(a)anthracene                                          | ND     |  | ug/L  | 0.0556                                    | 0.0556 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 03/23/2018 07:29<br>ELAC-NY10854,NJDF | 03/23/2018 14:09<br>EP,PADEP | SR      |
| 50-32-8            | Benzo(a)pyrene                                              | ND     |  | ug/L  | 0.0556                                    | 0.0556 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 03/23/2018 07:29<br>ELAC-NY10854,NJDH | 03/23/2018 14:09<br>EP,PADEP | SR      |
| 205-99-2           | Benzo(b)fluoranthene                                        | ND     |  | ug/L  | 0.0556                                    | 0.0556 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 03/23/2018 07:29<br>ELAC-NY10854,NJDH | 03/23/2018 14:09<br>EP,PADEP | SR      |
| 191-24-2           | Benzo(g,h,i)perylene                                        | ND     |  | ug/L  | 0.0556                                    | 0.0556 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 03/23/2018 07:29<br>ELAC-NY10854,NJDH | 03/23/2018 14:09<br>EP,PADEP | SR      |
| 207-08-9           | Benzo(k)fluoranthene                                        | ND     |  | ug/L  | 0.0556                                    | 0.0556 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 03/23/2018 07:29<br>ELAC-NY10854,NJDH | 03/23/2018 14:09<br>EP,PADEP | SR      |
| 218-01-9           | Chrysene                                                    | ND     |  | ug/L  | 0.0556                                    | 0.0556 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 03/23/2018 07:29<br>ELAC-NY10854,NJDF | 03/23/2018 14:09<br>EP,PADEP | SR      |
| 53-70-3            | Dibenzo(a,h)anthracene                                      | ND     |  | ug/L  | 0.0556                                    | 0.0556 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 03/23/2018 07:29<br>ELAC-NY10854,NJDH | 03/23/2018 14:09<br>EP,PADEP | SR      |
| 206-44-0           | Fluoranthene                                                | ND     |  | ug/L  | 0.0556                                    | 0.0556 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 03/23/2018 07:29<br>ELAC-NY10854,NJDH | 03/23/2018 14:09<br>EP,PADEP | SR      |
| 86-73-7            | Fluorene                                                    | 0.578  |  | ug/L  | 0.0556                                    | 0.0556 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 03/23/2018 07:29<br>ELAC-NY10854,NJDF | 03/23/2018 14:09<br>EP,PADEP | SR      |
| 193-39-5           | Indeno(1,2,3-cd)pyrene                                      | ND     |  | ug/L  | 0.0556                                    | 0.0556 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 03/23/2018 07:29<br>ELAC-NY10854,NJDH | 03/23/2018 14:09<br>EP,PADEP | SR      |
| 91-20-3            | Naphthalene                                                 | 0.200  |  | ug/L  | 0.0556                                    | 0.0556 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 03/23/2018 07:29<br>ELAC-NY10854,NJDF | 03/23/2018 14:09<br>EP,PADEP | SR      |
| 85-01-8            | Phenanthrene                                                | 1.13   |  | ug/L  | 0.0556                                    | 0.0556 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 03/23/2018 07:29<br>ELAC-NY10854,NJDH | 03/23/2018 14:09<br>EP,PADEP | SR      |
| 129-00-0           | Pyrene                                                      | 0.0889 |  | ug/L  | 0.0556                                    | 0.0556 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 03/23/2018 07:29<br>ELAC-NY10854,NJDF | 03/23/2018 14:09<br>EP,PADEP | SR      |
|                    | Surrogate Recoveries                                        | Result |  | Acc   | ceptance Ran                              | ge     |          |                              |          |                                       |                              |         |
| 4165-60-0          | Surrogate: Nitrobenzene-d5                                  | 53.7 % |  |       | 50.2-113                                  |        |          |                              |          |                                       |                              |         |
| 321-60-8           | Surrogate: 2-Fluorobiphenyl                                 | 54.0 % |  |       | 39.9-105                                  |        |          |                              |          |                                       |                              |         |
| 1718-51-0          | Surrogate: Terphenyl-d14                                    | 33.9 % |  |       | 30.7-106                                  |        |          |                              |          |                                       |                              |         |

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| <u>Client Sample ID:</u> GB-4-TW |                                         |        | York Sample ID:        | 18C0829-05    |
|----------------------------------|-----------------------------------------|--------|------------------------|---------------|
| York Project (SDG) No.           | Client Project ID                       | Matrix | Collection Date/Time   | Date Received |
| 18C0829                          | 250 Mamaroneck Avenue, White Plains, NY | Water  | March 20, 2018 3:00 pm | 03/22/2018    |

| <u>Volatile O</u> | Volatile Organics, CP-51 (STARS) Low level |        |      |       | Log-in Notes: Sample Notes: |      |          |                              |          |                                      |                                   |         |
|-------------------|--------------------------------------------|--------|------|-------|-----------------------------|------|----------|------------------------------|----------|--------------------------------------|-----------------------------------|---------|
| Sample Prepare    | d by Method: EPA 5030B                     |        |      |       |                             |      |          |                              |          |                                      |                                   |         |
| CAS No            | o. Parameter                               | Result | Flag | Units | Reported to LOD/MDL         | LOQ  | Dilution | Reference !                  | Method   | Date/Time<br>Prepared                | Date/Time<br>Analyzed             | Analyst |
| 95-63-6           | 1,2,4-Trimethylbenzene                     | ND     |      | ug/L  | 0.20                        | 0.50 | 1        | EPA 8260C                    |          | 03/26/2018 07:30                     | 03/26/2018 17:11                  | RDS     |
|                   |                                            |        |      |       |                             |      |          | Certifications:              | CTDOH,NI | ELAC-NY10854,NEL                     | AC-NY12058,NJ                     |         |
| 108-67-8          | 1,3,5-Trimethylbenzene                     | ND     |      | ug/L  | 0.20                        | 0.50 | I        | EPA 8260C<br>Certifications: | CTDOH,NE | 03/26/2018 07:30<br>ELAC-NY10854,NEL | 03/26/2018 17:11<br>AC-NY12058,NJ | RDS     |
| 71-43-2           | Benzene                                    | ND     |      | ug/L  | 0.20                        | 0.50 | 1        | EPA 8260C                    |          | 03/26/2018 07:30                     | 03/26/2018 17:11                  | RDS     |
|                   |                                            |        |      |       |                             |      |          | Certifications:              | CTDOH,NI | ELAC-NY10854,NEL                     | AC-NY12058,NJ                     |         |
| 100-41-4          | Ethyl Benzene                              | ND     |      | ug/L  | 0.20                        | 0.50 | 1        | EPA 8260C                    |          | 03/26/2018 07:30                     | 03/26/2018 17:11                  | RDS     |
|                   |                                            |        |      |       |                             |      |          | Certifications:              | CTDOH,NH | ELAC-NY10854,NEL                     | AC-NY12058,NJ                     |         |
| 98-82-8           | Isopropylbenzene                           | ND     |      | ug/L  | 0.20                        | 0.50 | 1        | EPA 8260C                    |          | 03/26/2018 07:30                     | 03/26/2018 17:11                  | RDS     |
|                   |                                            |        |      |       |                             |      |          | Certifications:              | CTDOH,NH | ELAC-NY10854,NEL                     | AC-NY12058,NJ                     |         |
| 1634-04-4         | Methyl tert-butyl ether (MTBE)             | ND     |      | ug/L  | 0.20                        | 0.50 | 1        | EPA 8260C                    |          | 03/26/2018 07:30                     | 03/26/2018 17:11                  | RDS     |
|                   |                                            |        |      |       |                             |      |          | Certifications:              | CTDOH,NH | ELAC-NY10854,NEL                     | AC-NY12058,NJ                     |         |
| 91-20-3           | Naphthalene                                | 1.6    | J    | ug/L  | 1.0                         | 2.0  | 1        | EPA 8260C                    |          | 03/26/2018 07:30                     | 03/26/2018 17:11                  | RDS     |
|                   | -                                          |        |      |       |                             |      |          | Certifications:              | NELAC-NY | 710854,NELAC-NY12                    | 2058,NJDEP,PAE                    |         |
| 104-51-8          | n-Butylbenzene                             | 0.59   |      | ug/L  | 0.20                        | 0.50 | 1        | EPA 8260C                    |          | 03/26/2018 07:30                     | 03/26/2018 17:11                  | RDS     |
|                   |                                            |        |      |       |                             |      |          | Certifications:              | CTDOH,NH | ELAC-NY10854,NEL                     | AC-NY12058,NJ                     |         |
| 103-65-1          | n-Propylbenzene                            | ND     |      | ug/L  | 0.20                        | 0.50 | 1        | EPA 8260C                    |          | 03/26/2018 07:30                     | 03/26/2018 17:11                  | RDS     |
|                   |                                            |        |      |       |                             |      |          | Certifications:              | CTDOH,NE | ELAC-NY10854,NEL                     | AC-NY12058,NJ                     |         |
| 95-47-6           | o-Xylene                                   | ND     |      | ug/L  | 0.20                        | 0.50 | 1        | EPA 8260C                    |          | 03/26/2018 07:30                     | 03/26/2018 17:11                  | RDS     |
|                   |                                            |        |      |       |                             |      |          | Certifications:              | CTDOH,NH | ELAC-NY10854,NEL                     | AC-NY12058,PA                     |         |
| 179601-23-1       | p- & m- Xylenes                            | ND     |      | ug/L  | 0.50                        | 1.0  | 1        | EPA 8260C                    |          | 03/26/2018 07:30                     | 03/26/2018 17:11                  | RDS     |
|                   |                                            |        |      |       |                             |      |          | Certifications:              | CTDOH,NE | ELAC-NY10854,NEL                     | AC-NY12058,PA                     |         |
| 99-87-6           | p-Isopropyltoluene                         | 0.42   | I    | ug/L  | 0.20                        | 0.50 | 1        | EPA 8260C                    |          | 03/26/2018 07:30                     | 03/26/2018 17:11                  | RDS     |
|                   |                                            |        |      |       |                             |      |          | Certifications:              | CTDOH,NE | ELAC-NY10854,NEL                     | AC-NY12058,NJ                     |         |
| 135-98-8          | sec-Butylbenzene                           | 0.40   | J    | ug/L  | 0.20                        | 0.50 | 1        | EPA 8260C                    |          | 03/26/2018 07:30                     | 03/26/2018 17:11                  | RDS     |
|                   |                                            |        |      |       |                             |      |          | Certifications:              | CTDOH,NH | ELAC-NY10854,NEL                     | AC-NY12058,NJ                     |         |
| 98-06-6           | tert-Butylbenzene                          | ND     |      | ug/L  | 0.20                        | 0.50 | 1        | EPA 8260C                    |          | 03/26/2018 07:30                     | 03/26/2018 17:11                  | RDS     |
|                   |                                            |        |      |       |                             |      |          | Certifications:              | CTDOH,NE | ELAC-NY10854,NEL                     | AC-NY12058,NJ                     |         |
| 108-88-3          | Toluene                                    | ND     |      | ug/L  | 0.20                        | 0.50 | 1        | EPA 8260C                    |          | 03/26/2018 07:30                     | 03/26/2018 17:11                  | RDS     |
|                   |                                            |        |      |       |                             |      |          | Certifications:              | CTDOH,NE | ELAC-NY10854,NEL                     | AC-NY12058,NJ                     |         |
| 1330-20-7         | Xylenes, Total                             | ND     |      | ug/L  | 0.60                        | 1.5  | 1        | EPA 8260C                    |          | 03/26/2018 07:30                     | 03/26/2018 17:11                  | RDS     |
|                   |                                            |        |      |       |                             |      |          | Certifications:              | CTDOH,NE | ELAC-NY10854,NEL                     | AC-NY12058,NJ                     |         |
|                   | Surrogate Recoveries                       | Result |      | Acc   | eptance Ran                 | ige  |          |                              |          |                                      |                                   |         |
| 17060-07-0        | Surrogate: 1,2-Dichloroethane-d4           | 92.7 % |      |       | 69-130                      | -    |          |                              |          |                                      |                                   |         |
| 2037-26-5         | 0                                          |        |      |       |                             |      |          |                              |          |                                      |                                   |         |
|                   | Surrogate: Toluene-d8                      | 104 %  |      |       | 81-117                      |      |          |                              |          |                                      |                                   |         |
| 460-00-4          | Surrogate: p-Bromofluorobenzene            | 116 %  |      |       | 79-122                      |      |          |                              |          |                                      |                                   |         |

| Semi-Volatiles, CP-51 (formerly STARS)-Low Level |              |                |          | <u>Log-in</u> | Notes               | <u>:</u> | <u>Sample Notes:</u> EXT-EM |                  |                       |                       |         |
|--------------------------------------------------|--------------|----------------|----------|---------------|---------------------|----------|-----------------------------|------------------|-----------------------|-----------------------|---------|
| ample Prepared by Metho                          | d: EPA 3510C |                |          |               |                     |          |                             |                  |                       |                       |         |
| CAS No.                                          | Parameter    | Result         | Flag     | Units         | Reported to LOD/MDL | LOQ      | Dilution                    | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
| 120 RESEARCH                                     |              | STRATFORD,     | CT 06615 |               | -                   | 1        | 132-02 89th                 |                  | RICHMOND HI           | II NY 11418           |         |
| www.YORKLAB.                                     |              | (203) 325-1371 |          |               |                     |          | FAX (203) 35                |                  | ClientServices        | ·                     | of 20   |



| Client Sample ID: GB-4-TW |                                         |        | York Sample ID:        | 18C0829-05    |
|---------------------------|-----------------------------------------|--------|------------------------|---------------|
| York Project (SDG) No.    | Client Project ID                       | Matrix | Collection Date/Time   | Date Received |
| 18C0829                   | 250 Mamaroneck Avenue, White Plains, NY | Water  | March 20, 2018 3:00 pm | 03/22/2018    |

| Semi-Volatiles, CP-51 (formerly STARS)-Low Level |                             |        |      | Log-in Notes: Sai |                     |       |          |                              | <u>s:</u> EXT-EM | EXT-EM                                |                              |         |  |
|--------------------------------------------------|-----------------------------|--------|------|-------------------|---------------------|-------|----------|------------------------------|------------------|---------------------------------------|------------------------------|---------|--|
| Sample Prepared                                  | d by Method: EPA 3510C      |        |      |                   |                     |       |          |                              |                  |                                       |                              |         |  |
| CAS No                                           | . Parameter                 | Result | Flag | Units             | Reported to LOD/MDL | LOQ   | Dilution | Reference 1                  | Method           | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |  |
| 83-32-9                                          | Acenaphthene                | 5.56   |      | ug/L              | 0.222               | 0.222 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI         | 03/23/2018 07:29<br>ELAC-NY10854,NJDI | 03/23/2018 14:40<br>EP,PADEP | SR      |  |
| 208-96-8                                         | Acenaphthylene              | 2.84   |      | ug/L              | 0.222               | 0.222 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI         | 03/23/2018 07:29<br>ELAC-NY10854,NJDI | 03/23/2018 14:40<br>EP,PADEP | SR      |  |
| 120-12-7                                         | Anthracene                  | 2.53   |      | ug/L              | 0.222               | 0.222 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI         | 03/23/2018 07:29<br>ELAC-NY10854,NJDI | 03/23/2018 14:40<br>EP,PADEP | SR      |  |
| 56-55-3                                          | Benzo(a)anthracene          | ND     |      | ug/L              | 0.222               | 0.222 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI         | 03/23/2018 07:29<br>ELAC-NY10854,NJDI | 03/23/2018 14:40<br>EP,PADEP | SR      |  |
| 50-32-8                                          | Benzo(a)pyrene              | ND     |      | ug/L              | 0.222               | 0.222 | 1        | EPA 8270D<br>Certifications: | CTDOUN           | 03/23/2018 07:29<br>ELAC-NY10854,NJDI | 03/23/2018 14:40             | SR      |  |
| 205-99-2                                         | Benzo(b)fluoranthene        | ND     |      | ug/L              | 0.222               | 0.222 | 1        | EPA 8270D<br>Certifications: |                  | 03/23/2018 07:29<br>ELAC-NY10854,NJDI | 03/23/2018 14:40             | SR      |  |
| 191-24-2                                         | Benzo(g,h,i)perylene        | ND     |      | ug/L              | 0.222               | 0.222 | 1        | EPA 8270D<br>Certifications: |                  | 03/23/2018 07:29<br>ELAC-NY10854,NJDI | 03/23/2018 14:40             | SR      |  |
| 207-08-9                                         | Benzo(k)fluoranthene        | ND     |      | ug/L              | 0.222               | 0.222 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI         | 03/23/2018 07:29<br>ELAC-NY10854,NJDI | 03/23/2018 14:40<br>EP,PADEP | SR      |  |
| 218-01-9                                         | Chrysene                    | 0.267  |      | ug/L              | 0.222               | 0.222 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI         | 03/23/2018 07:29<br>ELAC-NY10854,NJDI | 03/23/2018 14:40<br>EP,PADEP | SR      |  |
| 53-70-3                                          | Dibenzo(a,h)anthracene      | ND     |      | ug/L              | 0.222               | 0.222 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI         | 03/23/2018 07:29<br>ELAC-NY10854,NJDI | 03/23/2018 14:40<br>EP,PADEP | SR      |  |
| 206-44-0                                         | Fluoranthene                | 0.978  |      | ug/L              | 0.222               | 0.222 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI         | 03/23/2018 07:29<br>ELAC-NY10854,NJDI | 03/23/2018 14:40<br>EP,PADEP | SR      |  |
| 86-73-7                                          | Fluorene                    | 7.51   |      | ug/L              | 0.222               | 0.222 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI         | 03/23/2018 07:29<br>ELAC-NY10854,NJDI | 03/23/2018 14:40<br>EP,PADEP | SR      |  |
| 193-39-5                                         | Indeno(1,2,3-cd)pyrene      | ND     |      | ug/L              | 0.222               | 0.222 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI         | 03/23/2018 07:29<br>ELAC-NY10854,NJDI | 03/23/2018 14:40<br>EP,PADEP | SR      |  |
| 91-20-3                                          | Naphthalene                 | 1.87   |      | ug/L              | 0.222               | 0.222 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI         | 03/23/2018 07:29<br>ELAC-NY10854,NJDI | 03/23/2018 14:40<br>EP,PADEP | SR      |  |
| 85-01-8                                          | Phenanthrene                | 2.71   |      | ug/L              | 0.222               | 0.222 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI         | 03/23/2018 07:29<br>ELAC-NY10854,NJDI | 03/23/2018 14:40<br>EP,PADEP | SR      |  |
| 129-00-0                                         | Pyrene                      | 3.82   |      | ug/L              | 0.222               | 0.222 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI         | 03/23/2018 07:29<br>ELAC-NY10854,NJDI | 03/23/2018 14:40<br>EP,PADEP | SR      |  |
|                                                  | Surrogate Recoveries        | Result |      | Acc               | eptance Ran         | ge    |          |                              |                  |                                       |                              |         |  |
| 4165-60-0                                        | Surrogate: Nitrobenzene-d5  | 57.7 % |      |                   | 50.2-113            |       |          |                              |                  |                                       |                              |         |  |
| 321-60-8                                         | Surrogate: 2-Fluorobiphenyl | 59.5 % |      |                   | 39.9-105            |       |          |                              |                  |                                       |                              |         |  |
| 1718-51-0                                        | Surrogate: Terphenyl-d14    | 53.0 % |      |                   | 30.7-106            |       |          |                              |                  |                                       |                              |         |  |
|                                                  |                             |        |      |                   |                     |       |          |                              |                  |                                       |                              |         |  |

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| <u>Client Sample ID:</u> GB-5-TW |                                         |        | York Sample ID:        | <b>18C0829-06</b> |
|----------------------------------|-----------------------------------------|--------|------------------------|-------------------|
| York Project (SDG) No.           | Client Project ID                       | Matrix | Collection Date/Time   | Date Received     |
| 18C0829                          | 250 Mamaroneck Avenue, White Plains, NY | Water  | March 20, 2018 3:00 pm | 03/22/2018        |

Sample Notes: EXT-D, EXT-EM

| Rescale       ND       UFL       VEL       Certifications       Certifications       CERTIONINFLAC-NY10854,NELAC-NY12958,NI         88-82-8       lsopropythenzene       ND       UFL       0.20       0.50       1       EPA 8200C       C02172018 11-32       0.57272018 14-57       S         84-04-40       Methyl tert-buryl ether (MTBE)       ND       UFL       0.20       0.50       1       EPA 8200C       C02172018 11-32       0.57272018 14-57       S         91-20-30       Maphnalene       ND       UFL       0.20       0.50       1       EPA 8200C       C02172018 11-32       0.5272018 14-57       S         04-51-8       n-Buryhenzene       ND       UFL       0.20       0.50       1       EPA 8200C       C02172018 11-32       0.5272018 14-57       S         04-51-8       n-Propyhenzene       ND       UFL       0.20       0.50       1       EPA 8200C       C02172018 11-32       0.5272018 14-57       S         054-6       n-Stropyhonzene       ND       UFL       0.20       0.50       1       EPA 8200C       C02172018 11-32       0.5272018 14-57       S         154-6       n-Strophyhonzene       ND       UFL       0.50       1       EPA 8200C       C02172018 11-32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Volatile O  | Volatile Organics, CP-51 (STARS) Low level |        |      |       | Log-in Notes: Sample Notes: |      |        |                 |          |                  |                  |    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------|--------|------|-------|-----------------------------|------|--------|-----------------|----------|------------------|------------------|----|
| Value         Value <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>D'1 ('</th><th></th><th></th><th></th><th></th><th></th></th<>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |                                            |        |      |       |                             |      | D'1 (' |                 |          |                  |                  |    |
| Name         No.         UPL         OPD         OPD         Centification         CENTRATION DISTANCE ACCURDENT DISTANCE ACCU                                                       |             |                                            |        | Flag |       |                             |      | 4      |                 | Method   | •                |                  |    |
| 08.451       J.STrimethylbenzene       ND       up, L       0.20       0.50       1       BA2200       D02201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2       0.207201811-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 95-63-6     | 1,2,4-Trimethylbenzene                     | ND     |      | ug/L  | 0.20                        | 0.50 | 1      | ÷               | CTDOH NE |                  |                  | SS |
| 14-12         Deficiency         Deficiency </td <td>100 (7.0</td> <td></td> <td>ND</td> <td></td> <td>110/I</td> <td>0.20</td> <td>0.50</td> <td></td> <td></td> <td>CIDOU, I</td> <td></td> <td></td> <td>66</td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 100 (7.0    |                                            | ND     |      | 110/I | 0.20                        | 0.50 |        |                 | CIDOU, I |                  |                  | 66 |
| 11-13:       ND       ugl       O20       O50       I       ENX 800       O92720181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       09270181152       0927018152       0927018152       0927018152       0927018152       0927018152       0927018152       0927018152                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 108-07-8    | 1,3,3-1fimethylbenzene                     | ND     |      | ug/L  | 0.20                        | 0.50 | 1      |                 | CTDOH NE |                  |                  | 55 |
| On-Hard Mathematican Mathemati Mathumatican Mathematican Mathematican Mathematican Mat | 71-43-2     | Panzana                                    | ND     |      | ug/I  | 0.20                        | 0.50 | 1      |                 | ,        |                  |                  | 88 |
| Rescale       ND       UFL       VEL       Certifications       Certifications       CERTIONINFLAC-NY10854,NELAC-NY12958,NI         88-82-8       lsopropythenzene       ND       UFL       0.20       0.50       1       EPA 8200C       C02172018 11-32       0.57272018 14-57       S         84-04-40       Methyl tert-buryl ether (MTBE)       ND       UFL       0.20       0.50       1       EPA 8200C       C02172018 11-32       0.57272018 14-57       S         91-20-30       Maphnalene       ND       UFL       0.20       0.50       1       EPA 8200C       C02172018 11-32       0.5272018 14-57       S         04-51-8       n-Buryhenzene       ND       UFL       0.20       0.50       1       EPA 8200C       C02172018 11-32       0.5272018 14-57       S         04-51-8       n-Propyhenzene       ND       UFL       0.20       0.50       1       EPA 8200C       C02172018 11-32       0.5272018 14-57       S         054-6       n-Stropyhonzene       ND       UFL       0.20       0.50       1       EPA 8200C       C02172018 11-32       0.5272018 14-57       S         154-6       n-Strophyhonzene       ND       UFL       0.50       1       EPA 8200C       C02172018 11-32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | /1 45 2     | Benzene                                    | ND     |      | ug E  | 0.20                        | 0.00 |        |                 | CTDOH,NE |                  |                  | 55 |
| Rescale       ND       UFL       VEL       Certifications       Certifications       CERTIONINFLAC-NY10854,NELAC-NY12958,NI         88-82-8       lsopropythenzene       ND       UFL       0.20       0.50       1       EPA 8200C       C02172018 11-32       0.57272018 14-57       S         84-04-40       Methyl tert-buryl ether (MTBE)       ND       UFL       0.20       0.50       1       EPA 8200C       C02172018 11-32       0.57272018 14-57       S         91-20-30       Maphnalene       ND       UFL       0.20       0.50       1       EPA 8200C       C02172018 11-32       0.5272018 14-57       S         04-51-8       n-Buryhenzene       ND       UFL       0.20       0.50       1       EPA 8200C       C02172018 11-32       0.5272018 14-57       S         04-51-8       n-Propyhenzene       ND       UFL       0.20       0.50       1       EPA 8200C       C02172018 11-32       0.5272018 14-57       S         054-6       n-Stropyhonzene       ND       UFL       0.20       0.50       1       EPA 8200C       C02172018 11-32       0.5272018 14-57       S         154-6       n-Strophyhonzene       ND       UFL       0.50       1       EPA 8200C       C02172018 11-32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 100-41-4    | Ethyl Benzene                              | ND     |      | ug/L  | 0.20                        | 0.50 | 1      | EPA 8260C       |          | 03/27/2018 11:52 | 03/27/2018 14:57 | SS |
| 634-04       Methyl tent-butyl ether (MTBE)       ND       ug/L       0.20       0.50       1       Centifications:<br>CEDUHXELAC-NY10854,NELAC-NY12058,NJ       S         1-2.0-3       Naphthalene       ND       ug/L       10       20       1       EPA 260C       0.9272018 H:52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             | Luigi Bonzono                              | 112    |      | e     |                             |      |        |                 | CTDOH,NE | ELAC-NY10854,NEL | AC-NY12058,NJ    |    |
| Ateleda       Methyl tert-butyl ether (MTBE)       ND       ugl       0.20       0.50       1       ERX 820C       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2       0.0727/01811-2 <t< td=""><td>98-82-8</td><td>Isopropylbenzene</td><td>ND</td><td></td><td>ug/L</td><td>0.20</td><td>0.50</td><td>1</td><td>EPA 8260C</td><td></td><td>03/27/2018 11:52</td><td>03/27/2018 14:57</td><td>SS</td></t<>                                                                                                                                                                                                                                                                                                                                                                                                                                     | 98-82-8     | Isopropylbenzene                           | ND     |      | ug/L  | 0.20                        | 0.50 | 1      | EPA 8260C       |          | 03/27/2018 11:52 | 03/27/2018 14:57 | SS |
| Price         ND         ugL         Id         20         I         EPA 250C         OUVELACAVI084/NELAC-NY12058,NI           04:51-8         n-Butylbenzene         ND         ugL         0.20         0.50         I         EPA 8260C         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52         0.927/2018 11:52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             | 1 15                                       |        |      |       |                             |      |        | Certifications: | CTDOH,NI | ELAC-NY10854,NEL | AC-NY12058,NJ    |    |
| Maphhalene       ND       ugl       10       20       1       FAR S26C       G97270181152       0/271081152       0/270181152       0/271081457       S8         04-51A       Babtylbenzene       ND       ugl       Q20       0.50       1       FPA 826C       G932720181152       0/2720181457       S2       S2       S2       Centification:       Centificat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1634-04-4   | Methyl tert-butyl ether (MTBE)             | ND     |      | ug/L  | 0.20                        | 0.50 | 1      | EPA 8260C       |          | 03/27/2018 11:52 | 03/27/2018 14:57 | SS |
| Automation       No       ug/L       0.20       0.50       1       EPA 8260C       032772018 11-52       032772018 11-57       SS         04-51-8       n-Propylbenzene       ND       ug/L       0.20       0.50       1       EPA 8260C       032772018 11-52       032772018 11-57       SS         03-65-1       n-Propylbenzene       ND       ug/L       0.20       0.50       1       EPA 8260C       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52       032772018 11-52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                                            |        |      |       |                             |      |        | Certifications: | CTDOH,NE | ELAC-NY10854,NEL | AC-NY12058,NJ    |    |
| 04-51-8       n-Butylbenzene       ND       ug/L       020       0.50       1       EPA 8260C       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52       0.027/2018 11-52 <td>91-20-3</td> <td>Naphthalene</td> <td>ND</td> <td></td> <td>ug/L</td> <td>1.0</td> <td>2.0</td> <td>1</td> <td>EPA 8260C</td> <td></td> <td>03/27/2018 11:52</td> <td>03/27/2018 14:57</td> <td>SS</td>                                                                                                                                                                                                                                                                                                                                                                                                         | 91-20-3     | Naphthalene                                | ND     |      | ug/L  | 1.0                         | 2.0  | 1      | EPA 8260C       |          | 03/27/2018 11:52 | 03/27/2018 14:57 | SS |
| Displacement       ND       ug/L       0.20       5.50       1       Erdifications:<br>CTDOHLNELAC-NY1084,NELAC-NY12058,NI       S         03-65-1       n-Propylbenzene       ND       ug/L       0.20       0.50       1       EPA 82.00C       0.3027/2018 11-52       0.327/2018 14-57       SS         05-67-6       o-Xylene       ND       ug/L       0.20       0.50       1       EPA 82.00C       0.3027/2018 11-52       0.327/2018 14-57       SS         79601-23-1       p- & m- Xylenes       ND       ug/L       0.50       1.0       1       EPA 82.00C       0.327/2018 11-52       0.327/2018 14-57       SS         79601-23-1       p- & m- Xylenes       ND       ug/L       0.50       1.0       1       EPA 82.00C       0.327/2018 11-52       0.327/2018 14-57       SS         79601-23-1       p- & m- Xylenes       ND       ug/L       0.50       1.0       1       EPA 82.00C       0.327/2018 11-52       0.327/2018 14-57       SS         79601-23-1       p- & m- Xylenes       J.0       ug/L       0.20       0.50       1       EPA 82.00C       0.327/2018 11-52       0.327/2018 14-57       SS         79601-23-1       p- EABurylbenzene       J.0       ug/L       0.20       0.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                                            |        |      |       |                             |      |        | Certifications: | NELAC-NY | 710854,NELAC-NY1 | 2058,NJDEP,PAE   |    |
| ND       ug/L       0.20       0.50       1       EPA 8260C       0.5727/018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2018 11-52       0.327/2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 104-51-8    | n-Butylbenzene                             | ND     |      | ug/L  | 0.20                        | 0.50 | 1      | EPA 8260C       |          | 03/27/2018 11:52 | 03/27/2018 14:57 | SS |
| 13-10-10-10-10-10-10-10-10-10-10-10-10-10-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |                                            |        |      |       |                             |      |        | Certifications: | CTDOH,NI | ELAC-NY10854,NEL | AC-NY12058,NJ    |    |
| ND       ug/L       0.20       0.50       1       EPA 8260C<br>Crtifications:       0327/2018 11:52       0327/2018 14:57       SS         7901-23:1       p. & m- Xylenes       ND       ug/L       0.50       1.0       1.       EPA 8260C       0327/2018 11:52       0327/2018 14:57       SS         99-8 ro       p. Sopropytoluenc       1.2       ug/L       0.20       0.50       1.       EPA 8260C       0327/2018 11:52       0327/2018 14:57       SS         133-98-0       sc-Butylbenzene       3.6       ug/L       0.20       0.50       1.       EPA 8260C       0327/2018 11:52       0327/2018 14:57       SS         84-06-0       tert-Butylbenzene       3.6       ug/L       0.20       0.50       1.       EPA 8260C       0327/2018 11:52       0327/2018 14:57       SS         84-06-0       tert-Butylbenzene       3.6       ug/L       0.20       0.50       1.       EPA 8260C       0327/2018 11:52       0327/2018 14:57       SS         84-06-0       tert-Butylbenzene       0.22       J       ug/L       0.20       0.50       1.       EPA 8260C       0327/2018 11:52       0327/2018 14:57       SS         08-88-30       foluee       ND       ug/L       0.20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 103-65-1    | n-Propylbenzene                            | ND     |      | ug/L  | 0.20                        | 0.50 | 1      |                 |          |                  |                  | SS |
| Instrume       ND       ug/L       0.50       1.0       1       EPA 8260C       03272018 11:52       03272018 14:57       SS         135-98-76       p-sopropyltoluene       1.2       ug/L       0.20       0.50       1       EPA 8260C       03272018 11:52       03272018 14:57       SS         135-98-8       sec-Butylbenzene       3.6       ug/L       0.20       0.50       1       EPA 8260C       03272018 11:52       03272018 14:57       SS         88-06-6       tert-Butylbenzene       0.22       J       ug/L       0.20       0.50       1       EPA 8260C       03272018 11:52       03272018 14:57       SS         88-06-6       tert-Butylbenzene       0.22       J       ug/L       0.20       0.50       1       EPA 8260C       03272018 11:52       03272018 14:57       SS         88-06-6       tert-Butylbenzene       0.22       J       ug/L       0.20       0.50       1       EPA 8260C       03272018 11:52       03272018 14:57       SS         88-06-6       tert-Butylbenzene       0.22       J       ug/L       0.20       0.50       1       EPA 8260C       03272018 11:52       03272018 14:57       SS         08-8-30       Toluene       ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             | •                                          |        |      |       |                             |      |        | Certifications: | CTDOH,NE | ELAC-NY10854,NEL | AC-NY12058,NJ    |    |
| 79601-23-1       p-& m- Xylenes       ND       ug/L       0.50       1.0       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         99-87-60       p-Isopropyltoluene       1.2       ug/L       0.20       0.50       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         135-98-83       sce-Butylbehzene       3.6       ug/L       0.20       0.50       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         08-06-60       tert-Butylbehzene       3.6       ug/L       0.20       0.50       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         08-06-6       tert-Butylbehzene       0.22       J       ug/L       0.20       0.50       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         08-06-6       tert-Butylbenzene       0.22       J       ug/L       0.20       0.50       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         08-08-6       tert-Butylbenzene       Ug/L       0.20       0.50       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         0302-20-7       Xylenes, Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 95-47-6     | o-Xylene                                   | ND     |      | ug/L  | 0.20                        | 0.50 | 1      |                 |          |                  |                  | SS |
| p-1sopropyItoluene       1.2       ug/L       0.20       0.50       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         p-8-87-6       p-IsopropyItoluene       3.6       ug/L       0.20       0.50       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         p-8-87-6       ge-ButyIbenzene       3.6       ug/L       0.20       0.50       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         p-8-06-6       tert-ButyIbenzene       0.22       J       ug/L       0.20       0.50       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         p-8-06-6       tert-ButyIbenzene       0.22       J       ug/L       0.20       0.50       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         p-8-06-6       tert-ButyIbenzene       0.22       J       ug/L       0.20       0.50       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         p-1soproputouene       ND       ug/L       0.20       0.50       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         g-20-02-03       Xylenes, Total       ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                                            |        |      |       |                             |      |        | Certifications: | CTDOH,NI | ELAC-NY10854,NEL | AC-NY12058,PA    |    |
| 99-87-6       p-IsopropyItoluene       1.2       ug/L       0.20       0.50       1       EPA 8260C       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11:52       03/27/2018 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 179601-23-1 | p- & m- Xylenes                            | ND     |      | ug/L  | 0.50                        | 1.0  | 1      |                 |          |                  |                  | SS |
| ND         ug/L         0.20         0.50         1         EPA 8260C         03/27/2018 11:52         03/27/2018 14:57         SS           08-88-3         Toluene         0.22         J         ug/L         0.20         0.50         1         EPA 8260C         03/27/2018 11:52         03/27/2018 14:57         SS           08-88-3         Toluene         ND         ug/L         0.20         0.50         1         EPA 8260C         03/27/2018 11:52         03/27/2018 14:57         SS           330-20-7         Xylenes, Total         ND         ug/L         0.20         0.50         1         EPA 8260C         03/27/2018 11:52         03/27/2018 14:57         SS           7060-07-0         Sylenes, Total         ND         ug/L         0.20         0.50         1         EPA 8260C         03/27/2018 11:52         03/27/2018 14:57         SS           7060-07-0         Sylenes, Total         ND         ug/L         0.60         1.5         1         EPA 8260C         03/27/2018 11:52         03/27/2018 14:57         SS           7060-07-0         Surrogate: 1,2-Dichloroethane-d4         109 %         69-130         5         1         EPA 8260C         03/27/2018 11:52         03/27/2018 14:57         SS           <                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |                                            |        |      | -     |                             |      |        |                 | CTDOH,NE |                  |                  | ~~ |
| 135-98-8       sec-Butylbenzene       3.6       ug/L       0.20       0.50       1       EPA 8260C<br>Certifications:       03/27/2018 11:52       03/27/2018 14:57       SS         08-06-6       tert-Butylbenzene       0.22       J       ug/L       0.20       0.50       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         08-06-6       tert-Butylbenzene       0.22       J       ug/L       0.20       0.50       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         08-08-63       Toluene       ND       ug/L       0.20       0.50       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         330-20-7       Xylenes, Total       ND       ug/L       0.20       0.50       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         330-20-7       Xylenes, Total       ND       ug/L       0.60       1.5       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         7060-07-0       Surrogate: 1,2-Dichloroethane-d4       109 %       69-130       1.5       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         7060-07-0       Surrogate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 99-87-6     | p-Isopropyltoluene                         | 1.2    |      | ug/L  | 0.20                        | 0.50 | 1      |                 | CTDOH NE |                  |                  | 88 |
| NP       Ug/L       0.20       0.50       1       EPA 8260C       0/3/27/2018 11:52       0/3/27/2018 14:57       SS         08-88-3       Toluene       ND       ug/L       0.20       0.50       1       EPA 8260C       0/3/27/2018 11:52       0/3/27/2018 14:57       SS         08-88-3       Toluene       ND       ug/L       0.20       0.50       1       EPA 8260C       0/3/27/2018 11:52       0/3/27/2018 14:57       SS         330-20-7       Xylenes, Total       ND       ug/L       0.60       1.5       1       EPA 8260C       0/3/27/2018 11:52       0/3/27/2018 14:57       SS         Certifications:       CTDOH,NELAC-NY10854,NELAC-NY12058,NJ       ND       ug/L       0.60       1.5       1       EPA 8260C       0/3/27/2018 11:52       0/3/27/2018 14:57       SS         330-20-7       Xylenes, Total       ND       ug/L       0.60       1.5       1       EPA 8260C       0/3/27/2018 11:52       0/3/27/2018 14:57       SS         7060-07-0       Surrogate: 1,2-Dichloroethane-d4       109 %       69-130       2       2       2       2       2       2       2       2       2       2       2       2       2       2       2       2       2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 135-98-8    | soo Butulbouzono                           | 3.6    |      | ug/I  | 0.20                        | 0.50 | 1      |                 | erbon, u |                  |                  | 88 |
| ND       ug/L       0.20       0.50       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         08-88-3       Toluene       ND       ug/L       0.20       0.50       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         330-20-7       Xylenes, Total       ND       ug/L       0.60       1.5       1       EPA 8260C       03/27/2018 11:52       03/27/2018 14:57       SS         Surrogate Recoveries       Result       Acceptance Range       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E       E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 155 76 6    | see-Butyibenzene                           | 5.0    |      | ug/L  | 0.20                        | 0.50 | 1      |                 | CTDOH,NI |                  |                  | 55 |
| ND       ug/L       0.20       0.50       1       EPA 8260C       0/3/27/2018 11:52       0/3/27/2018 14:57       SS         330-20-7       Xylenes, Total       ND       ug/L       0.60       1.5       1       EPA 8260C       0/3/27/2018 11:52       0/3/27/2018 14:57       SS         200-707       Surrogate: 1,2-Dichloroethane-d4       109 %       69-130       5       5       5       5       5         2007-265       Surrogate: Toluene-d8       98.1 %       81-117       5       5       5       5       5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 98-06-6     | tert-Butylbenzene                          | 0.22   | J    | ug/L  | 0.20                        | 0.50 | 1      | EPA 8260C       |          | 03/27/2018 11:52 | 03/27/2018 14:57 | SS |
| Surrogate Recoveries       Result       Acceptance Range       Certifications:       CTDOH,NELAC-NY10854,NELAC-NY12058,NJ         7060-07-0       Surrogate: 1,2-Dichloroethane-d4       109 %       69-130         2037-26-5       Surrogate: Toluene-d8       98.1 %       81-117                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |                                            |        |      |       |                             |      |        | Certifications: | CTDOH,NI | ELAC-NY10854,NEL | AC-NY12058,NJ    |    |
| 330-20-7     Xylenes, Total     ND     ug/L     0.60     1.5     1     EPA 8260C     03/27/2018 11:52     03/27/2018 14:57     SS       Surrogate Recoveries     Result     Acceptance Range       7060-07-0     Surrogate: 1,2-Dichloroethane-d4     109 %     69-130       0037-26-5     Surrogate: Toluene-d8     98.1 %     81-117                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 108-88-3    | Toluene                                    | ND     |      | ug/L  | 0.20                        | 0.50 | 1      | EPA 8260C       |          | 03/27/2018 11:52 | 03/27/2018 14:57 | SS |
| Surrogate Recoveries     Result     Acceptance Range       7060-07-0     Surrogate: 1,2-Dichloroethane-d4     109 %     69-130       2037-26-5     Surrogate: Toluene-d8     98.1 %     81-117                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |                                            |        |      |       |                             |      |        | Certifications: | CTDOH,NI | ELAC-NY10854,NEL | AC-NY12058,NJ    |    |
| Surrogate RecoveriesResultAcceptance Range7060-07-0Surrogate: 1,2-Dichloroethane-d4109 %69-1302037-26-5Surrogate: Toluene-d898.1 %81-117                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1330-20-7   | Xylenes, Total                             | ND     |      | ug/L  | 0.60                        | 1.5  | 1      | EPA 8260C       |          | 03/27/2018 11:52 | 03/27/2018 14:57 | SS |
| 7060-07-0         Surrogate: 1,2-Dichloroethane-d4         109 %         69-130           1037-26-5         Surrogate: Toluene-d8         98.1 %         81-117                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |                                            |        |      |       |                             |      |        | Certifications: | CTDOH,NE | ELAC-NY10854,NEL | AC-NY12058,NJ    |    |
| 2037-26-5 Surrogate: Toluene-d8 98.1 % 81-117                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             | Surrogate Recoveries                       | Result |      | Acc   | eptance Ran                 | ge   |        |                 |          |                  |                  |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 17060-07-0  | Surrogate: 1,2-Dichloroethane-d4           | 109 %  |      |       | 69-130                      |      |        |                 |          |                  |                  |    |
| 60-00-4Surrogate: p-Bromofluorobenzene88.2 %79-122                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2037-26-5   | Surrogate: Toluene-d8                      | 98.1 % |      |       | 81-117                      |      |        |                 |          |                  |                  |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 460-00-4    | Surrogate: p-Bromofluorobenzene            | 88.2 % |      |       | 79-122                      |      |        |                 |          |                  |                  |    |

#### Semi-Volatiles, CP-51 (formerly STARS)-Low Level

| Sample Prepared by Metho | od: EPA 3510C |                |          |       |                     |     |              |                         |                       |                       |         |
|--------------------------|---------------|----------------|----------|-------|---------------------|-----|--------------|-------------------------|-----------------------|-----------------------|---------|
| CAS No.                  | Parameter     | Result         | Flag     | Units | Reported to LOD/MDL | LOQ | Dilution     | <b>Reference Method</b> | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|                          |               |                |          |       |                     |     |              |                         |                       |                       |         |
| 120 RESEARCH             | I DRIVE       | STRATFORD,     | CT 06615 |       |                     | 1   | 32-02 89th A | VENUE                   | RICHMOND HIL          | L, NY 11418           |         |
| www.YORKLAB              | .com          | (203) 325-1371 | J        |       |                     | F   | AX (203) 35  | 7-0166                  | ClientServices        | Page 15               | of 20   |

Log-in Notes:



| Client Sample ID: GB-5-TW |                                         |        | York Sample ID:        | <b>18C0829-06</b> |
|---------------------------|-----------------------------------------|--------|------------------------|-------------------|
| York Project (SDG) No.    | Client Project ID                       | Matrix | Collection Date/Time   | Date Received     |
| 18C0829                   | 250 Mamaroneck Avenue, White Plains, NY | Water  | March 20, 2018 3:00 pm | 03/22/2018        |

| <u>Semi-Vola</u> | Semi-Volatiles, CP-51 (formerly STARS)-Low Level |        |      |       | Log-in Notes: Sample Notes: EXT-D, EXT-EM |       |          |                              |                                         |                                       |                              |         |
|------------------|--------------------------------------------------|--------|------|-------|-------------------------------------------|-------|----------|------------------------------|-----------------------------------------|---------------------------------------|------------------------------|---------|
| Sample Prepared  | d by Method: EPA 3510C                           |        |      |       |                                           |       |          |                              |                                         |                                       |                              |         |
| CAS No           | . Parameter                                      | Result | Flag | Units | Reported to LOD/MDL                       | LOQ   | Dilution | Reference                    | Method                                  | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |
| 83-32-9          | Acenaphthene                                     | ND     |      | ug/L  | 95.2                                      | 190   | 20       | EPA 8270D                    |                                         | 03/23/2018 07:29                      | 03/26/2018 13:30             | КН      |
|                  |                                                  |        |      |       |                                           |       |          | Certifications:              | CTDOH,NI                                | ELAC-NY10854,NJDI                     | EP,PADEP                     |         |
| 208-96-8         | Acenaphthylene                                   | ND     |      | ug/L  | 95.2                                      | 190   | 20       | EPA 8270D<br>Certifications: | CTDOH.NI                                | 03/23/2018 07:29<br>ELAC-NY10854,NJDF | 03/26/2018 13:30<br>EP.PADEP | КН      |
| 120-12-7         | Anthracene                                       | ND     |      | ug/L  | 95.2                                      | 190   | 20       | EPA 8270D                    | <i>.</i>                                | 03/23/2018 07:29                      | 03/26/2018 13:30             | КН      |
| 120-12-7         | Antinacene                                       | ND     |      | ug/L  | 15.2                                      | 150   | 20       | Certifications:              | CTDOH,NI                                | ELAC-NY10854,NJDF                     |                              | KII     |
| 56-55-3          | Benzo(a)anthracene                               | ND     |      | ug/L  | 95.2                                      | 190   | 20       | EPA 8270D                    |                                         | 03/23/2018 07:29                      | 03/26/2018 13:30             | KH      |
|                  |                                                  |        |      |       |                                           |       |          | Certifications:              | CTDOH,NI                                | ELAC-NY10854,NJDI                     | EP,PADEP                     |         |
| 50-32-8          | Benzo(a)pyrene                                   | ND     |      | ug/L  | 95.2                                      | 190   | 20       | EPA 8270D                    |                                         | 03/23/2018 07:29                      | 03/26/2018 13:30             | KH      |
|                  |                                                  |        |      |       |                                           |       |          | Certifications:              | CTDOH,NI                                | ELAC-NY10854,NJDI                     | EP,PADEP                     |         |
| 205-99-2         | Benzo(b)fluoranthene                             | ND     |      | ug/L  | 95.2                                      | 190   | 20       | EPA 8270D                    |                                         | 03/23/2018 07:29                      | 03/26/2018 13:30             | КН      |
|                  |                                                  |        |      |       |                                           |       |          | Certifications:              | CTDOH,NI                                | ELAC-NY10854,NJDI                     | EP,PADEP                     |         |
| 191-24-2         | Benzo(g,h,i)perylene                             | ND     |      | ug/L  | 95.2                                      | 190   | 20       | EPA 8270D                    |                                         | 03/23/2018 07:29                      | 03/26/2018 13:30             | КН      |
|                  |                                                  |        |      |       |                                           |       |          | Certifications:              | CTDOH,NI                                | ELAC-NY10854,NJDI                     | EP,PADEP                     |         |
| 207-08-9         | Benzo(k)fluoranthene                             | ND     |      | ug/L  | 95.2                                      | 190   | 20       | EPA 8270D                    |                                         | 03/23/2018 07:29                      | 03/26/2018 13:30             | KH      |
|                  |                                                  |        |      |       |                                           |       |          | Certifications:              | CTDOH,NI                                | ELAC-NY10854,NJDI                     | EP,PADEP                     |         |
| 218-01-9         | Chrysene                                         | ND     |      | ug/L  | 95.2                                      | 190   | 20       | EPA 8270D                    |                                         | 03/23/2018 07:29                      | 03/26/2018 13:30             | КН      |
|                  | - <u>j</u>                                       |        |      |       |                                           |       |          | Certifications:              | CTDOH,NI                                | ELAC-NY10854,NJDI                     | EP,PADEP                     |         |
| 53-70-3          | Dibenzo(a,h)anthracene                           | ND     |      | ug/L  | 95.2                                      | 190   | 20       | EPA 8270D                    |                                         | 03/23/2018 07:29                      | 03/26/2018 13:30             | КН      |
|                  |                                                  |        |      | 0     |                                           |       |          | Certifications:              | CTDOH,NI                                | ELAC-NY10854,NJDI                     | EP,PADEP                     |         |
| 206-44-0         | Fluoranthene                                     | ND     |      | ug/L  | 95.2                                      | 190   | 20       | EPA 8270D                    |                                         | 03/23/2018 07:29                      | 03/26/2018 13:30             | КН      |
|                  |                                                  |        |      |       |                                           |       |          | Certifications:              | CTDOH,NI                                | ELAC-NY10854,NJDI                     | EP,PADEP                     |         |
| 86-73-7          | Fluorene                                         | ND     |      | ug/L  | 95.2                                      | 190   | 20       | EPA 8270D                    |                                         | 03/23/2018 07:29                      | 03/26/2018 13:30             | КН      |
| 00 13 1          | Tuorene                                          | ND .   |      | -9    |                                           | - / • |          | Certifications:              | CTDOH,NI                                | ELAC-NY10854,NJDI                     |                              |         |
| 193-39-5         | Indeno(1,2,3-cd)pyrene                           | ND     |      | ug/L  | 95.2                                      | 190   | 20       | EPA 8270D                    | , i i i i i i i i i i i i i i i i i i i | 03/23/2018 07:29                      | 03/26/2018 13:30             | КН      |
| 175-57-5         | maeno(1,2,5-cu)pyrene                            | ND     |      | ug/L  | 75.2                                      | 190   | 20       | Certifications:              | CTDOH.NI                                | ELAC-NY10854,NJDI                     |                              | KII     |
| 91-20-3          | Naphthalene                                      | ND     |      | ug/L  | 95.2                                      | 190   | 20       | EPA 8270D                    | , -                                     | 03/23/2018 07:29                      | 03/26/2018 13:30             | КН      |
| 71-20-5          | Napittiaiene                                     | ND     |      | ug/L  | 15.2                                      | 170   | 20       | Certifications:              | CTDOH NI                                | ELAC-NY10854,NJDI                     |                              | KII     |
| 95 01 9          |                                                  |        |      | na/I  | 95.2                                      | 190   | 20       |                              |                                         |                                       |                              | VII.    |
| 85-01-8          | Phenanthrene                                     | ND     |      | ug/L  | 93.2                                      | 190   | 20       | EPA 8270D<br>Certifications: | CTDOH NI                                | 03/23/2018 07:29<br>ELAC-NY10854,NJDH | 03/26/2018 13:30             | КН      |
| 120.00.0         | D                                                |        |      |       | 05.2                                      | 100   | 20       |                              | erbon,m                                 |                                       |                              | VII.    |
| 129-00-0         | Pyrene                                           | ND     |      | ug/L  | 95.2                                      | 190   | 20       | EPA 8270D<br>Certifications: | CTDOH N                                 | 03/23/2018 07:29<br>ELAC-NY10854,NJDH | 03/26/2018 13:30             | КН      |
|                  |                                                  |        |      |       | _                                         |       |          | Contineations.               | CIDOII,NI                               | 557C-191 10034, NJD1                  | a,iader                      |         |
|                  | Surrogate Recoveries                             | Result |      | Acc   | eptance Ran                               | ge    |          |                              |                                         |                                       |                              |         |
| 4165-60-0        | Surrogate: Nitrobenzene-d5                       | 112 %  |      |       | 50.2-113                                  |       |          |                              |                                         |                                       |                              |         |

39.9-105

30.7-106

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|--------------------|
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Surrogate: 2-Fluorobiphenyl

Surrogate: Terphenyl-d14

321-60-8

1718-51-0

83.2 %

68.1 %

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### Volatile Analysis Sample Containers

| Lab ID     | Client Sample ID   | Volatile Sample Container                     |
|------------|--------------------|-----------------------------------------------|
| 18C0829-01 | GB-1 (11-12 ftbg)  | 40mL Vial with Stir Bar-Cool 4° C             |
| 18C0829-02 | GB-4 (1 ftbg)      | 40mL Vial with Stir Bar-Cool 4° C             |
| 18C0829-03 | GB-12 (0.5-1 ftbg) | 40mL Vial with Stir Bar-Cool 4° C             |
| 18C0829-04 | GB-1-TW            | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 18C0829-05 | GB-4-TW            | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 18C0829-06 | GB-5-TW            | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
|            |                    |                                               |

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#### Sample and Data Qualifiers Relating to This Work Order

- J Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
- EXT-EM The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
- EXT-D The sample submitted contained sediment. The aqueous portion was decanted off, the volume measured and used for the extraction. The sediment was not included in the extraction.

#### **Definitions and Other Explanations**

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

RPD Relative Percent Difference

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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| Page / of /                   | t No. 18C 0879                                                                                                                                                                                                     | Report Type                                  | Summary Report X                  | CT RCP Package  | UIKUP DQA/DUE PKg     | NY ASP B Package             | Electronic Data Deliverables (EDD) -              | Simple Excel<br>NYSDEC EOuIS                                                                                                                                                                                                                         | EQuIS (std)<br>EZ-EDD (EQuIS)                                                                                            | NJDEP SRP HazSite EDD<br>GIS/KEY (std)                   | Other                                                                                                                                                                     | AUTA ANGULAIOLY COMPARISON<br>Excel Sprendsheet<br>Compute to the following Regs, (plense fill in): |                               | Container<br>Descrintion(s)                   | (1) 402. (3) Soil VOAC         |              |                   | (2) Amber : (2) HCI VOAC     | (1) Amber : (2) HCI Volg | -1      |        |       |           |                                                                  | 1 + 1 on Receipt        | 19                               |                                                                 |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----------------------------------|-----------------|-----------------------|------------------------------|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------|-----------------------------------------------|--------------------------------|--------------|-------------------|------------------------------|--------------------------|---------|--------|-------|-----------|------------------------------------------------------------------|-------------------------|----------------------------------|-----------------------------------------------------------------|
| Field Chain-of-Custody Record | NOTE: York's Std. Terms & Conditions are listed on the back side of this document.<br>This document serves as your written authorization to York to proceed with the analyses requested and your Yor'k Project No. | Involce To: YOUR Project ID Turn-Around Time | Same 250 Mamaroneck RUSH-Same Day | RUSH - Next Day | -                     |                              |                                                   | Volatiles         Semi-Vols, resorcentent         Metals         Misc. Org.         Full Lists         Misc.           8260 full         TICs         8270 or 625         8082PCB         RCRA8         TPH GRO         Pin.Poll.         Commission | 8081Pest PP13 list TPH DRO TCL Ognies<br>8151Herb TAL CT ETPH TAL MetCN                                                  | Ketones PAH list App. IX TAGM list                       | TCLBs Oxygenates TAGM list Site Spee. NJDEP list Air TO14A Par 360-Readen Helenotrophs<br>TAGM list TCLP list CT RCP list SPLPer TCLP Total Air TO15 Par 360-Basefine TOX | TCLP Pest Dissolved Air STARS Part 360-500054                                                       |                               | ose Analyses Needed from the Menu Above and E | EPA MEMORA 8021 + 8270 (STARS) |              |                   | EPA Method 8021+8270 (STARS) |                          |         |        |       |           | 4°C Fruzen HCI MeOH HNO, H1,SO, NaOH<br>ZnAc Ascorbic Acid Other | 01:41 21-21-2 1         | Date/Time Samples, Received By 1 | Samples Relinquished By Date/Time Samples Received in LAB fiv D |
| ield Ch                       | NOTE: York's Std.<br>cument serves as your w<br>signat                                                                                                                                                             |                                              | Company:                          | Address:        | Phone No.             | Altention:                   | E-Mail Ad                                         | ist be complete.                                                                                                                                                                                                                                     | n-around time<br>k are resolved.                                                                                         | Matrix Codes                                             | <ul> <li>S - soil</li> <li>Other - specify(oil, etc.)</li> </ul>                                                                                                          | WW - wastewater<br>GW - groundwater<br>DW - drinking water                                          | - ambient air<br>- soil vapor | Sample Matrix                                 | S                              | S            | S                 | GW                           | GW                       | GW      |        | 3<br> |           | Preservation<br>Check those Applicable                           | Special<br>Instructions | Field Filtered                   |                                                                 |
|                               |                                                                                                                                                                                                                    | Report To:                                   | Company: Same                     | Address:        | Phone No.             | Attention:                   | E-Mail Address:                                   | Information mu                                                                                                                                                                                                                                       | t in and the tun<br>questions by Yor                                                                                     | anterse talminetterbellanderstreissigen in sinder in der | 0                                                                                                                                                                         | ed By (Signature)                                                                                   |                               | Date Sampled                                  | 3/19/18                        | 3/19/18      | 3/20/18           | 3/20/18                      | 3/20/18                  | 3/20/18 | 42<br> |       | a li<br>e |                                                                  |                         |                                  |                                                                 |
|                               | 120 KESEARCH JR. STRATFORD, LI U6615<br>(203) 325-1371 FAX (203) 357-0166                                                                                                                                          | YOUR Information                             | One Deans Bridge Road             |                 | Phone No. 9H 276-2560 | Contact Person: Pathi Clause | E-Mail Address: DC lause Chesny, C E-Mail Address | Print Clearly and Legibly. All Information must be complet                                                                                                                                                                                           | Samples will NOT be logged in and the turn-around time<br>clock will not begin until any questions by York are resolved. |                                                          | Yalille Jaupur                                                                                                                                                            | Samples Collected/Authorized By (Signature)                                                         | e (printe                     | Sample Identification                         | (28-1(11-12 ftba)              | 48-4(1 ftba) | 68-12 (0.5-1746g) | GB-1-TW                      | GB-4-TW                  | G8-5-TW |        |       |           | Comments                                                         | Pa                      | ge 20                            | of 20                                                           |

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# **APPENDIX 4**

# **Remedial Action Work Plan**



April 6, 2018

Mr. Thomas L. Hay Director of Operations YMCA of Central and Northern Westchester 250 Mamaroneck Avenue White Plains, New York 10605

Re: Remedial Action Work Plan White Plains YMCA 250 Mamaroneck Avenue White Plains, New York

Dear Mr. Hay:

On Behalf of the YMCA of Central and Northern Westchester, HydroEnvironmental Solutions, Inc. (HES) is pleased to submit the following Remedial Action Work Plan (RAWP) to complete remedial soil vapor and groundwater monitoring at the above referenced site (herein referred to as the SITE). The SITE location is shown on **Figure 1**.

The purpose of this RAWP is to outline protocol to complete Soil Vapor Extraction (SVE) and fuel oil impacted groundwater recovery and treatment activities based on the findings of a Subsurface Investigation (SI) completed by HES on March 19 and 20 of 2018. According to the SI, remedial activities will be required to the south and west of the basement pool in order to address fuel oil impacts to the soil and groundwater beneath the SITE. The recommended work will need to be completed prior to requesting formal closure of New York State Department of Environmental Conservation (NYSDEC) Spill No. 1709377 currently attached to the site. Based on the findings of the SI, HES recommends that the following remedial measures be implemented at the SITE.

One Deans Bridge Road • Somers, New York 10589

Mr. Thomas L. Hay April 6, 2018 Page 2 of 4

### SCOPE OF WORK

### TASK 1: Design and Install a Soil Vapor Extraction System

HES will install two SVE systems to mitigate fuel oil vapors which are trapped below the basement slab and entering the basement and first floor of the facility. Prior to SVE system installation, HES will conduct a short-term (4 hour) pilot test to determine the effectiveness of SVE at removing fuel oil vapors from beneath the basement slab, the south stairwell and hallway and the pool area, and to determine the size and best location to install the SVE blowers. The pilot test will involve installing several vapor points in the basement area along with a single SVE well. After the vapor points and the SVE well are installed, a blower fan will be attached to the well and the outlying vapor points will be measured for vacuum. The pilot test will assist HES in sizing and locating the proper blowers to effectively mitigate the vapors beneath the slab and in the building itself.

After the pilot test results are analyzed and the SVE system is designed, HES and their subcontractor will likely install one SVE system at the southwest corner of the basement in the stairwell corridor and a second SVE system will likely be placed along the west wall of the basement pool room. Each of the two SVE systems will be placed directly below the slab flooring and the annular space surrounding the system will be packed with 3/8-inch washed pea stone (or similar) to grade. A polyethylene vapor barrier (minimum 6 mm) will be placed atop of the stone prior to sealing the concrete slab flooring. Each SVE system will be individually powered by a radon type fan or a regenerative blower which will be operated continuously and will exhaust to the exterior of the building. Following SVE installation HES will conduct periodic (monthly) SVE exhaust monitoring using a photoionization detector (PID) to monitor the fuel oil vapor mitigation progress.

The probable locations of the SVE blowers based on SI PID readings and details of a typical SVE system are included on **Figures 2.1** and **2.2**.

# TASK 2: Groundwater Treatment

HES will install one oil-water separator (OWS) and granular activated carbon (GAC) treatment system to collect and treat fuel oil impacted groundwater located at the SITE. The system will operate using a submersible sump pump set in a pre-existing on-site sump pit in the basement of the building. HES will enhance the existing sump pit to accommodate the submersible pump and augment groundwater evacuation by deepening the sump pit and installing a polyethylene pipe housing for the pump. Groundwater will be pumped from the pit into an OWS which will collect any residual free-phase fuel oil into a storage drum and discharge the pumped groundwater through the system to the existing



Mr. Thomas L. Hay April 6, 2018 Page 3 of 4

sewer line. Additionally, an Abanaki® belt-skimmer (or equivalent) will be installed in the sump to recover any free-phase fuel oil that collects on the surface of the groundwater in the sump prior to treatment. A transfer pump will then pump the groundwater from the settling drum through a 5-micron bag filter and two 55-gallon Carbtrol® drums of GAC prior to being discharged to the sewer system. A flow meter will be installed inline on the system and set to measure the total volume of discharged groundwater in gallons. The proposed groundwater treatment system is shown on **Figure 3** and the specification for the proposed OWS, belt skimmer and GAC drums are included in **Appendix 1**.

HES will collect periodic groundwater samples (semi-annually) from the treatment system's effluent sampling port for laboratory analysis to ensure proper function and to comply with the required Westchester County Department of Environmental Facilities (WCDEF) discharge requirements. HES will secure a discharge permit with the WCDEF as required. The effluent samples will be analyzed for volatile organic compounds (VOCs) using EPA Method 8021 including MTBE and for semi-SVOCs using EPA Method 8270 STARS in accordance with WCDEF Local Sewer Limitations (LSLs) requirements.

# TASK 3: Groundwater Monitoring

The groundwater in the sump will be monitored for the presence of free-phase fuel oil quarterly for a period of no less than one year. The groundwater levels will be measured manually using an electronic interface probe on a quarterly basis. Once visible free-phase fuel oil and/or sheen are not visible in the sump for two consecutive quarters, HES will collect a groundwater sample to determine if the groundwater beneath the slab is compliant with NYSDEC Ambient Water Quality Standards (AWQS).

# TASK 4: Soil Vapor and Groundwater Monitoring/Spill Closure Report

Following completion of the above outlined work plan, HES will compile a comprehensive Soil Vapor and Groundwater Monitoring/Spill Closure Report summarizing the results of all field activities, monitoring and sampling and laboratory results, in addition to our conclusions and recommendations as they relate to Spill Closure. The report will compare the laboratory analytical results from the groundwater sump pit sampling to the Class GA AWQS in accordance with the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1.



Mr. Thomas L. Hay April 6, 2018 Page 4 of 4

HES will await formal approval of this RAWP from the NYSDEC Region 3 Office prior to beginning any remedial action. If you have any questions regarding this RAWP, please contact me at (914) 276 – 2560.

Sincerely, HydroEnvironmental Solutions, Inc.

Wellen A. Consor

William A. Canavan, PG, LSRP President

cc: Mr. Todd Ghiosay – NYSDEC Case Manager Linda Whitehead, Esq. – McCullough, Goldberger and Staudt, LLP File



# Figure 1

# Site Location Map

