SESI
CONSULTING
ENGINEERS

Phase II Environmental Site Assessment Report

FOR

Proposed Development
70 Westchester Avenue
White Plains, New York

Prepared For:

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c/o Saber Real Estate Advisors
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Project No.: 11444

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Table of Contents

Appendices

Tables (Appendix C)

Tables (Embedded)

Figures

1.0 INTRODUCTION

SESI Consulting Engineers (SESI) has conducted this Phase II Environmental Site Assessment (Phase II ESA) on behalf of the Requestor, Saber-North White Plains, LLC, for the property located at 70 Westchester Avenue, White Plains, New York (the "Site:"). The Site is approximately 1.868-acres in size and is comprised of one newly consolidated Tax Lot 126.61-3-15.1, which was formerly six (6) contiguous parcels identified on the Westchester County tax records as tax parcels 126.61-3-15 (70 Westchester Ave), 126.61-3-16.1 (64-68 Westchester Ave.), 16.61-3-16.2 (62 Westchester Ave.), 126.61-3-23 (30-36 Franklin Ave.), 126.61-3-24 (38-40 Franklin Ave.) and 126.61-3-25 (42-44 Franklin Ave.). A Site Location Map is presented as **Figure 1** in **Appendix A**.

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

2.0 PROJECT BACKGROUND

2.1 Previous Environmental Investigations

The Site has been the subject of the following previous environmental reports, which are summarized below:

- Tank Cleaning and Contaminated Soil Removal and Disposal Project, prepared by O'Brien & Gere, February 1990 (NOT FOUND but summarized in October 2000 Phase I]
- Remedial Action Report, prepared by S&S Environmental Sciences, Inc., for Westchester Chrysler-Plymouth/Jeep-Eagle, November 1994
- Phase I Environmental Site Assessment and Limited Phase II Site Investigation, 70 Westchester Avenue, prepared by Earth Tech, October 2000;
- Phase II Environmental Site Assessment Report 70-96 Westchester Avenue, prepared by Woodard & Curran, March 2015;
- Phase II Environmental Site Assessment Addendum, 70 Westchester Avenue, prepared by Woodard and Curran, July 2015.

2.1.1 Tank Cleaning and Contaminated Soil Removal and Disposal Project, prepared by O'Brien & Gere, February 1990 (NOT FOUND but summarized in October 2000 Phase I]

The first known report on the Site is from 1990 by O'Brien and & Gere. While this report could not be located. It was summarized in the October 2000 Earth Tech Phase I summarized below. The 1990 report allegedly described the excavation and removal of 11 underground storage tanks (USTs) at three areas on the Site under the supervision of the New York State Department of Environmental Conservation (NYSDEC) and White Plains Fire Marshall. Excavation of the tanks and some soil occurred and a total of 14 sidewall and bottom samples were taken from three excavations. The soil sampling appeared to be limited to only 6 VOCs, which were allegedly non detect but TEX compounds (i.e. toluene, ethylbenzene and xylene) were found in groundwater in excess of the State standards. A groundwater investigation was recommended.

2.1.2 Remedial Action Report, prepared by S&S Environmental Sciences, Inc., for Westchester Chrysler-Plymouth/Jeep-Eagle, November 1994

In 1994, S&S Environmental Sciences conducted sampling and reporting related to the remediation of two floor pits associated with wash bays in the service garage. Remediation consisted of removal of waste oil, solvents and petroleum contaminated soil from each pit. Allegedly the remediation of Pit A was "successful" but excavation of Pit B was halted at 7.5 feet even though contaminated soils were still present and spill # 9407257 was reported.

2.1.3 Earth Tech Phase I Environmental Site Assessment and Limited Phase II Site Investigation

Earth Tech conducted a Phase I ESA and Limited Phase II Site Investigation in October 2000. Earth Tech identified several Recognized Environmental Conditions (RECs), including underground hydraulic hoists, an oil/water separator, aboveground and underground storage tanks, and floor drains. Earth Tech advanced 11 soil borings and four temporary ground water sampling points in the vicinity of several of the RECs. Acetone was detected in soil sample

SB-01 at a concentration of 360 ug/kg which reportedly exceeded the Technical Administrative Guidance Memorandum (TAGM) 4046 soil cleanup objective (SCOs) of 200 ug/kg. Ethylbenzene and xylenes were detected in soil sample SB-07 (collected near a historical gasoline UST) at concentrations of 19,000 ug/kg and 68,000 ug/kg, which exceeded the TAGM #4046 SCO of 5500 ug/kg and 1,200 ug/kg. TPH was detected at concentrations ranging from 67 mg/kg (SB-06) to 2,540 mg/kg (SB-02). Consequently, Earth Tech reported the detection of soil and ground water contamination to the NYSDEC and Westchester County Department of Health (WCDOH) on October 12, 2000. NYSDEC assigned Spill No. 0008186 to the Site. NYSDEC Spill No. 0008186 was closed in 2001.

2.1.4 70-96 Westchester Avenue Phase II Environmental Site Assessment Report by Woodard & Curran, March 2015

Woodard & Curran conducted a Phase II Environmental Site Investigation in March 2015. A total of twenty-nine (29) soil samples were collected from twenty-three (23) soil borings on former parcels 126.61-3-15 (70 Westchester Ave), 126.61-3-16.1 (64-68 Westchester Ave.), 16.61-3-16.2 (62 Westchester Ave.), 126.61-3-23 (30-36 Franklin Ave.), 126.61-3-24 (38-40 Franklin Ave.). In addition, three (3) groundwater samples were collected from 2 permanent and one temporary monitoring wells. Results of soil sampling identified semi-VOCs (SVOCs) and metals impacts on the western paved parking area (SB-7 and SB-16) at concentrations exceeding the Restricted Residential Soil Cleanup Objectives (RRSCOs). Results of groundwater sampling identified the VOC toluene in temporary well TWP-CD-05 at a concentration of 11 ug/L, exceeding its Ambient water Quality Standard (AWQS) of 5 ug/L. In addition, several SVOCs including benzo (1)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and chrysene were detected in well MW-B-7 at concentrations exceeding the AWQS.

2.1.5 70-96 Westchester Avenue Phase II Environmental Site Assessment Report by Woodard & Curran, July 2015

Woodard & Curran conducted supplemental soil and groundwater sampling in July 2015. A total of six (6) soil samples and six (6) groundwater samples were collected from six (6) soil borings. Results of soil sampling identified

VOCs northeast of the building area (CD-19) and metals were detected west of the building (CD-17) at concentrations exceeding the Restricted Residential Soil Cleanup Objectives (RRSCOs). Results of groundwater sampling identified numerous petroleum VOCs toluene in temporary well TWP-CD-19 and several SVOCs in TWP-CD-17 at a concentrations exceeding the AWQSs. In addition, numerous metals were detected in each groundwater sample collected at concentrations exceeding the AWQSs.

2.2 Site Settings

The Site is approximately 1.8683-acres in size and is known as newly consolidated Tax Lot 126.61-3-15.1, which was formerly comprised of six (6) contiguous tax lots located in a retail commercial downtown area. The Site is bound by Franklin Avenue and retail businesses to the north, the White Coach Diner to the west, Westchester Avenue and the Westchester Mall to the south, and closed car dealership to the east.

The Site is currently improved with an automotive sales and service dealer, associated building and asphalt paved parking spaces. The eastern portion of the building, which was constructed in 1925, consists of a single-story and two-story structure with small partial basement under the southeastern corner of the building. The western portion of the building which was constructed in 1990 consists of a single-story structure with a half basement. Historically, the Site was improved with residential dwellings, an automotive garage, and a machine shop, and auto sales and service facilities. A Site Location Map is presented as **Figure 2 in Appendix A**.

3.0 SUBSURFACE INVESTIGATION

The field work was conducted on September 10, 11, and 14, 2020 in accordance with the Scope of Work and contract for services outlined in a Professional Services Agreement (Agreement) dated September 2, 2020.

3.1 Utility Clearance and Geophysical Survey

Prior to conducting any subsurface drilling, SESI's drilling contractor AARCO Environmental Services Corp. (AARCO) contacted the New York utility mark-out system. In addition, American Geophysics, Inc. cleared the boring locations with ground penetrating radar (GPR) and line locating equipment to locate any underground utilities not included in the utility mark-out system.

3.2 Soil Borings

Twelve (12) soil borings, six (6) groundwater borings, and twelve soil (12) vapor borings were advanced using a direct-push sampling equipment on the Site. Specifically, two (2) soil and two (2) soil vapor borings were advanced on each parcel, and one groundwater boring was advanced on each parcel to provide additional subsurface data in areas that were not previously investigated. Boring and sampling locations are presented on **Figure 3.**

A total of twenty-six (26) soil samples at a frequency of approximately 2 samples per boring, twelve (12) soil vapor borings, and six (6) groundwater samples were collected and analyzed for Target Compound List +30/Target Analyte List (TCL+30/TAL) including volatile organic compounds (VOCs) by EPA Method 8260C, semi-VOCs (SVOCs) by EPA Method 8270D, Target Analyte List (TAL) Metals by EPA Method 6010C/7471, Polychlorinated Biphenyls (PCBs) by EPA Method 8082A, pesticides by EPA Method 8081B, Cyanide by EPA Method 9082, PFAS by Modified EPA Method 537, and 1-4 dioxane by EPA Method 8270D.by Alpha Analytical, Inc. (Alpha), a New York State Department of Health (NYSDOH) Environmental laboratory Accreditation Program (ELAP)-certified laboratory. **Table 3** below presents a summary of the borings conducted and the samples collected.

The soil samples were screened in the field using a Photo Iodization Detector (PID) for VOCs and visual and olfactory evidence of contamination. No PID readings above zero were recorded in the soil columns from borings B-2, B-3, and B-5 through B-12. A PID readings ranging from 1.9 ppm to 18.1 ppm were recorded in the soil column of boring S-1 at depths of 3 to 8 feet below ground surface (ft-bgs), and at 1.1 ppm to 3.8 ppm in boring S-4 at depths of 7 to 11 ft-bgs. However, no visual or olfactory evidence of impacts was observed during the field work.

Soil conditions within the borings consisted of gray-brown fine to coarse sand with brick fragments (historic fill) from depths of 3 to 13 ft-bgs. The fill is underlain by light brown - brown fine to coarse sand to the boring terminus at 20 ft-bgs. Groundwater was encountered at approximately 16 to 18 ft-bgs across the Site. PID readings and detailed soil descriptions are provided in the boring logs presented in **Appendix B**.

Table 3: Summary of Sample Collection

Boring ID	Boring Depth	Sample ID	Sample Depth	Sample Matrix	Analysis
SB-1	18	S-1 (4.5-5)	4-4.5	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		S-1 (8.5-9)	8.5-9.5	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		SV-7	13	Soil Gas	VOCs
SB-2	20	S-2 (3-3.5)	3-3.5	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		S-2 (10.5-11)	10.5-11.5	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		SV-5	10	Soil Gas	VOCs
SB-3	20	S-3 (3.5-4)	3.5-4	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		S-3 (17.5-18)	17.5-18.5	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		SV-6	0.5	Soil Gas	VOCs
		GW-2		Groundwater	TCL+30/TAL, PFAS, 1,4-Dioxane
SB-4	20	S-4 (2.5-3)	2.5-3	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		S-4 (9.5-10)	9.5-10.5	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		SV-4	17	Soil Gas	VOCs
SB-5	20	S-5 (4.5-5)	4.5-5	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		S-5 (7-7.5)	7-7.5	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		SV-2	10	Soil Gas	VOCs
		GW-3		Groundwater	TCL+30/TAL, PFAS, 1,4-Dioxane
SB-6	20	S-6 (2-2.5)	2-2.5	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		S-6 (15.5-16)	15.5-16	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		SV-9	0.5	Soil Gas	VOCs
SB-7	20	S-7 (1.5-2)	1.5-2	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		S-7 (16.5-17)	16.5-17	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		SV-8	10	Soil Gas	VOCs
GW-4		GW-4		Groundwater	TCL+30/TAL, PFAS, 1,4-Dioxane
SB-8	20	S-8 (1-1.5)	1-1.5	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		S-8 (12-12.5)	12-12.5	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		SV-3	0.5	Soil Gas	VOCs
		GW-5		Groundwater	TCL+30/TAL, PFAS, 1,4-Dioxane
SB-9	20	S-9 (2.5-3)	2.5-3	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		S-9 (6.5-7)	6.5-7	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		S-9 (12.5-13)	12.5-13	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		SV-1	10	Soil Gas	VOCs
SB-10	20	SB-10 (1-2)	1-2	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		SB-10 (8-9)	8-9	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		SB-10 (14-15)	14-15	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		SV-10	0.5	Soil Gas	VOCs
SB-11	20	SB-11 (2-3)	2-3	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		SB-11 (10-11)	10-11	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		SV-11	0.5	Soil Gas	VOCs
SB-12	20	SB-12 (4-5)	4-5	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		SB-12 (8-9)	8-9	Soil	TCL+30/TAL, PFAS, 1,4-Dioxane
		SV-12	0.5	Soil Gas	VOCs
GW-1	22	GW-1	18-22	Groundwater	TCL+30/TAL, PFAS, 1,4-Dioxane

4.0 ANALYTICAL RESULTS

4.1 Soil Investigation Results

In total, twenty-six (26) soil samples were collected from twelve (12) borings as listed in **Table 3** above. The soil samples were sent to Alpha under a chain-of-custody (COC) for the analysis of TCL+30/TAL, PFAS, and 1,4-dioxane. A summary table of the analytical results compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (USCOs), Residential Soil Cleanup Objectives (RSCOs), and Restricted Residential Cleanup Objectives (RRSCOs) is presented on **Table 4A** in **Appendix C,** and on **Figures 4.1 and 4.2** in **Appendix A**. PFAS detections were compared to the NYSDEC soil guidance values presented in Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances guidance document (October 2020). The laboratory analytical report is provided in **Appendix D**.

As presented on **Table 4.1** below, the VOC acetone was detected in two (2) soil borings, S-1 and S-5, from 4.5 to 9 ft-bgs at concentrations exceeding the USCO. The SVOC benzo(a)pyrene were detected in two (2) borings: S-5 and S-6 from 2 to 5 ft-bgs at concentrations exceeding the RRSCOs. The metals barium and lead were detected in boring, S-4 from 2.5 to 3 ft-bgs at concentrations exceeding the RRSCOs. Copper was detected in boring S-7 from 1.5 to 2 ft-bgs exceeding the RRSCO. In addition, the metals barium, lead and zinc were detected five (5) borings from 1.5 to 5 ft-bgs at concentrations exceeding the USCOs. Barium was detected in boring B-5 at 4.5 to 5 ft-bgs at a concentration exceeding it RSCO. Pesticides including 4,4-DDE, 4,4-DDD, 4-4-DDT, and cis-chlordane were detected in nine (9) soil sample collected from seven (7) soil borings from grade to 15 ft-bgs at concentrations exceeding the USCOs.

Table 4.1: Summary of Exceedances in Soil

SAMPLE ID:	NY-RSCO	NY-RRSCO	NY-USCO	S-1 (8.5-9)		S-2 (3-3.5)		S-3 (3.5-4)		S-4 (2.5-3)		S-5 (4.5-5)		S-6 (2-2.5)		S-7 (1.5-2)	
COLLECTION DATE:				9/10/2020		9/10/2020		9/10/2020		9/10/2020		9/10/2020		9/11/2020		9/11/2020	
ANALYTE	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
VOLATILE ORGANICS BY EPA 5035																	
Acetone	100	100	0.05	0.07		0.0042	U	0.0052	U	0.0052	U	0.1		0.0055	U	0.0054	U
SEMIVOLATILE ORGANICS BY GC/MS																	
Benzo(a)anthracene	1	1	1	0.13		0.43		0.25		0.26		1		0.87		0.023	U
Benzo(a)pyrene	1	1	1	0.091	J	0.33		0.21		0.2		1.4		1.1		0.05	U
ORGANOCHLORINE PESTICIDES BY GC																	
4,4'-DDE	1.8	8.9	0.0033	0.0206		0.000624	J	0.00144	JIP	0.00454		0.000421	U	0.000459	U	0.000434	U
4,4'-DDD	2.6	13	0.0033	0.0165	IP	0.00133	J	0.000743	U	0.000981	J	0.00278		0.000708	U	0.00067	U
4,4'-DDT	1.7	7.9	0.0033	0.00145	U	0.0013	U	0.00523		0.00314	JIP	0.00146	U	0.0016	U	0.00151	U
cis-Chlordane	0.91	4.2	0.094	0.18	P	0.000562	U	0.000726	U	0.000634	U	0.000634	U	0.000692	U	0.000654	U
TOTAL METALS																	
Barium, Total	350	400	350	84.2		132		113		634		383		62.9		122	
Copper, Total	270	270	50	22.3		26		26		12.2		38.9		9.09		970	
Lead, Total	400	400	63	39.8		227		110		474		168		22.2		59.7	
Zinc, Total	2200	10000	109	51.5		120		86.2		402		261		58		166	

SAMPLE ID:	NY-RSCO	NY-RRSCO	NY-USCO	S-8 (1-1.5)		S-9 (2.5-3)		SB-10 (1-2)		SB-10 (14-15)		SB-11 (10-11)		SB-11 (2-3)	
COLLECTION DATE:				9/11/2020		9/11/2020		9/14/2020		9/14/2020		9/14/2020		9/14/2020	
ANALYTE	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
VOLATILE ORGANICS BY EPA 5035															
Acetone	100	100	0.05	0.005	J	0.0052	U	0.005	U	0.0057	U	0.0069	J	0.0063	J
SEMIVOLATILE ORGANICS BY GC/MS															
Benzo(a)anthracene	1	1	1	0.02	U	0.073	J	0.04	J	0.022	U	0.022	U	0.019	U
Benzo(a)pyrene	1	1	1	0.044	U	0.1	J	0.048	U	0.049	U	0.048	U	0.041	U
ORGANOCHLORINE PESTICIDES BY GC															
4,4'-DDE	1.8	8.9	0.0033	0.00636		0.00098	J	0.00229		0.000429	U	0.000581	J	0.000378	U
4,4'-DDD	2.6	13	0.0033	0.00095	J	0.00066	U	0.0281		0.00565		0.00453		0.00398	
4,4'-DDT	1.7	7.9	0.0033	0.00785		0.0049		0.00148	U	0.00149	U	0.0015	U	0.00132	U
cis-Chlordane	0.91	4.2	0.094	0.000592	U	0.000645	U	0.000641	U	0.000646	U	0.000648	U	0.00057	U
TOTAL METALS															
Barium, Total	350	400	350	55.5		57.8		59.3		33		30.2		20.8	
Copper, Total	270	270	50	43.8		41.5		12.2		7.88		8.63		6.25	
Lead, Total	400	400	63	17.5		29.8		33		2.1	J	2.56	J	3.39	J
Zinc, Total	2200	10000	109	42.8		65.9		56.3		25.2		26.9		22.2	

Compound Exceeds the USCO

Compound Exceeded the RSCO

Compound Exceeds the RRSCO

U = Compound not detected
I - The lower value for the two columns has been reported due to obvious interference.
P = The RPD between the results for the two columns exceeds the method-specified criteria.
J = Concentration Estimated

Emerging Contaminants in Soil

As presented on **Figure 4.2** and **Table 4.2** below, PFOS was reported in sample S-2 (3-3.5) at a concentration of 0.894 ug/kg, which exceeds the NYSDEC USCO Soil Screening Level of 0.88 ug/kg. Several additional PFAS were detected at estimated concentrations above laboratory MDLs, but below RLs in 6 soil samples as presented below.

Table 4.2: Summary of Emerging Contaminants Detections in Soil

SAMPLE ID:	NY-RESRR	NY-UNRES	S-1 (4.5-5)		S-2 (3-3.5)		S-7 (1.5-2)		S-9 (2.5-3)		SB-10 (1-2)		SB-11 (2-3)		SB-12 (8-9)	
ANALYTE			Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION ((ug/kg)																
Perfluoropentanoic Acid (PFPeA)			0.049	U	0.084	J	0.055	U	0.089	J	0.049	U	0.045	U	0.051	U
Perfluorohexanoic Acid (PFHxA)			0.056	U	0.086	J	0.064	J	0.094	J	0.056	U	0.051	U	0.059	U
Perfluoroheptanoic Acid (PFHpA)			0.048	U	0.047	J	0.054	U	0.061	J	0.049	U	0.044	U	0.05	U
Perfluorooctanoic Acid (PFOA)	33	0.66	0.045	U	0.119	JF	0.051	U	0.208	J	0.047	J	0.041	U	0.118	J
Perfluorooctanesulfonic Acid (PFOS)	44	0.88	0.139	U	0.894		0.156	U	0.455	J	0.254	J	0.247	JF	0.145	U
N-Ethyl Perfluorooctanesulfonamidoacetic Ac			0.19	J	0.084	U	0.102	U	0.097	U	0.091	U	0.082	U	0.094	U
PFOA/PFOS, Total			0.045	U	1.01	J	0.051	U	0.663	J	0.301	J	0.247	J	0.118	J

Compound Exceeds the NYSDEC October 2020 PFOS/PFOA Soil Guidance Values
U = Compound not detected
J = Concentration Estimated
F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

4.2 Groundwater Investigation Results

In total, six (6) groundwater samples were collected from six (6) temporary wells as listed in **Table 3** above. All the groundwater samples were sent to Alpha for analysis of TCL/TAL+30, PFAS, and 1.4-dioxane. A summary table of the analytical results compared to NYSDEC Technical and Operational Guidance Series ,1.1.1 (TOGS) Class GA Ambient Water Quality Standards and Guidance Values (AWQS) is presented on **Table 4B** in **Appendix C,** and on **Figures 4.3 and 4.4** in **Appendix A**. The laboratory analytical report is provided in **Appendix D**.

As presented on **Figure 4.3**, the VOC acetone was detected in in the groundwater sample collected from temporary well GW-2 at a concentration of 57 ug/L, exceeding the AWQS of 50 ug/L. SVOCs including bis(2-ethylhexyl)phthalate, phenol, fluoranthene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, phenanthrene, ideno(1,2,3-cd) pyrene and pentachlorophenol were detected the groundwater samples collected from temporary wells GW-1, GW-2, GW-3, GW-4, and GW-6 at concentrations exceeding the AWQS.

Numerous metals including antimony, arsenic, barium, beryllium, cadmium, chromium, copper, iron, lead, magnesium, manganese, mercury, nickel, selenium, sodium, and zinc were detected in each groundwater sample at concentrations exceeding the AWQS. Finally, the PCB aroclor 1242 was detected in the groundwater sample collected from temporary monitoring well GW-1 at a concentration of 0.143 ug/L, exceeding its AWQS of 0.09 ug/L.

Table 4.3: Summary of Exceedances in Groundwater

SAMPLE ID:		GW-1		GW-2		GW-3		GW-4		GW-5		GW-6	
COLLECTION DATE:		9/10/2020		9/11/2020		9/11/2020		9/11/2020		9/11/2020		9/15/2020	
	NY-AWQS												
ANALYTE	(ug/l)	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
VOLATILE ORGANICS BY GC/MS													
Acetone	50	57		9.6		3.9	J	11		4.6	J	3.8	J
SEMIVOLATILE ORGANICS BY GC/MS													
Bis(2-ethylhexyl)phthalate	5	8.3		1.5	U	1.5	U	1.5	U	1.5	U	1.9	J
Phenol	1	8.5		0.57	U	0.57	U	0.57	U	0.57	U	0.57	U
SEMIVOLATILE ORGANICS BY GC/MS-SIM													
Fluoranthene	50	140		0.02	J	0.02	U	0.04	J	0.02	U	0.06	J
Benzo(a)anthracene	0.002	72		0.02	U	0.02	J	0.04	J	0.02	U	0.02	J
Benzo(a)pyrene	0	80		0.02	U	0.02	J	0.02	J	0.02	U	0.02	U
Benzo(b)fluoranthene	0.002	94		0.01	J	0.02	J	0.03	J	0.01	U	0.01	U
Benzo(k)fluoranthene	0.002	32		0.01	U	0.01	U	0.02	J	0.01	U	0.01	U
Chrysene	0.002	60		0.01	U	0.01	U	0.02	J	0.01	U	0.01	U
Phenanthrene	50	59		0.03	J	0.02	U	0.05	J	0.02	J	0.11	
Indeno(1,2,3-cd)pyrene	0.002	66		0.01	U	0.02	J	0.02	J	0.01	U	0.01	U
Pyrene	50	110		0.02	J	0.02	J	0.03	J	0.02	U	0.05	J
Pentachlorophenol	1	2.3	J	0.01	U	0.01	U	0.01	U	0.01	U	0.11	J
POLYCHLORINATED BIPHENYLS BY GC													

SAMPLE ID:		GW-1		GW-2		GW-3		GW-4		GW-5		GW-6	
COLLECTION DATE:		9/10/2020		9/11/2020		9/11/2020		9/11/2020		9/11/2020		9/15/2020	
	NY-AWQS												
ANALYTE	(ug/l)	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
TOTAL METALS													
Antimony, Total	3	3.58	J	0.42	U	0.49	J	0.42	U	0.42	U	0.42	U
Arsenic, Total	25	35.5		10.32		1.94		39.34		39.39		32.58	
Barium, Total	1000	4955		3235		494.1		4542		5299		3884	
Beryllium, Total	3	9.82		5		0.16	J	4.18		4.14		6.34	
Cadmium, Total	5	5.15		1.47		3.17		9.93		7.79		8.92	
Chromium, Total	50	1022		379.5		6.45		440.9		649.2		329.5	
Copper, Total	200	744.4		615.8		75.15		658		920		594.3	
Iron, Total	300	291000		326000		9440		411000		322000		142000	
Lead, Total	25	2230		619		5.89		1032		1116		216.5	
Magnesium, Total	35000	529000		477000		21600		162000		310000		216000	
Manganese, Total	300	7805		13490		9200		34120		19240		30740	
Mercury, Total	0.7	1.79		0.29		0.09	U	1.4		0.9		0.09	U
Nickel, Total	100	390.5		262.6		128.5		485.6		427.4		506.4	
Selenium, Total	10	23.9		6.18		1.73	U	32.7		30.8		34	
Sodium, Total	20000	650000		434000		59200		112000		401000		230000	
Thallium, Total	0.5	3.55		2		0.14	U	2.49		2.59		1.95	
Zinc, Total	2000	2341		425.1		70.25		909.7		1416		701.2	

Emerging Contaminants in Groundwater

As presented on **Table 4.4** below and **Figure 4.4** numerous PFAS compounds were detected in groundwater samples across the Site. PFOS was detected in the groundwater sample collected from temporary monitoring well GW-1 at a concentration of 213 ng/L, exceeding its NYSDEC Groundwater Screening Level of 100 ng/L.

Table 4.4: Summary of Emerging Contaminant Detections in Groundwater

LOCATION	NYSDEC Screening Level		GW-1		GW-2		GW-3		GW-4		GW-5		GW-6	
		Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Perfluorinated Alkyl Acids by Isotope Dilution														
Perfluorobutanoic Acid (PFBA)		ng/l	26.8		16.6		5.3		5.4		15.2		10.3	
Perfluoropentanoic Acid (PFPeA)		ng/l	34.9		38.1		10.8		16.9		26.3		33.4	
Perfluorobutanesulfonic Acid (PFBS)		ng/l	13.2		16.3		4.46		9.38		20.5		6.31	
Perfluorohexanoic Acid (PFHxA)		ng/l	27.2		28.1		9.25		12.4		22.6		21.4	
Perfluoroheptanoic Acid (PFHpA)		ng/l	16.4		14.9		6.99		6.93		17.5		13.8	
Perfluorohexanesulfonic Acid (PFHxS)		ng/l	11.8		13.2		2.34	J	1.59	JF	15.2		3.08	
Perfluorooctanoic Acid (PFOA)	100	ng/l	52.7		33		19.3		17.2		61.7		29	
Perfluoroheptanesulfonic Acid (PFHpS)		ng/l	2.83		0.829	J	2.38	U	2.11	U	1.63	J	1.84	U
Perfluorononanoic Acid (PFNA)		ng/l	11.9		1.25	J	0.842	J	7.12		7.71		8.38	
Perfluorooctanesulfonic Acid (PFOS)	100	ng/l	213		22.1	F	5.85	F	61.6	F	74.3	F	55	
Perfluorodecanoic Acid (PFDA)		ng/l	3.46		2.01	U	1.43	J	2.11	U	0.653	JF	5.48	
Perfluoroundecanoic Acid (PFUnA)		ng/l	0.716	J	2.01	U	1.64	J	2.11	U	2.21	U	1.84	U
Perfluorodecanesulfonic Acid (PFDS)		ng/l	2.07	U	2.01	U	2.38	U	2.11	U	2.21	U	1.64	J
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)		ng/l	2.07	U	2.01	U	2.38	U	2.11	U	2.21	U	2.13	F
Perfluorododecanoic Acid (PFDoA)		ng/l	2.07	U	2.01	U	0.609	JF	2.11	U	2.21	U	1.84	U
PFOA/PFOS, Total	500	ng/l	266		55.1		25.2		78.8		136		84	

Compound Exceeds the NYSDEC October 2020 PFOS/PFOA Groundwater Screening Level

U = Compound not detected
J = Concentration Estimated
F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

4.3 Sub-slab/Soil Vapor Investigation Results

A total of twelve (12) soil vapor samples points were installed and sampled (2 per parcel). In addition, three (3) ambient air samples were collected. Sample were analyzed for VOCs in accordance with EPA Method TO-15. Soil vapor results were compared to the May 2017 NYSDOH Decision Matrices. A summary table of the analytical results is presented on **Table 4C** in **Appendix C,** and on **Figures 4.5** in **Appendix A**. The laboratory analytical report is provided in **Appendix D**.

As presented on **Table 4.5** below and on **Figure 4.5** carbon tetrachloride was detected in soil vapor samples SV-8 and SV-9 at concentrations ranging from 8.55 to 17.6 ug/m^3, exceeding its NYSDOH Matrix A lower threshold value of 6 ug/m^3. Trichloroethene (TCE) was detected in soil vapor sample SV-7 at a concentration of 8.55 ug/m_3, exceeding its Matrix A lower threshold guidance value of 6 ug/m^3. Tetrachloroethene (PCE) was detected in soil vapor samples SV-7 and SV-8 at concentrations of 469 ug/m^3 and 834 ug/m^3, exceeding its Matrix B lower threshold of 100 ug/m^3. Carbon tetrachloride, TCE, and PCE were below detection limits in all 3 ambient air samples collected.

Table 4.5: Summary of Soil Vapor Exceedances

SAMPLE ID:	NY-SSC-A	NY-SSC-B	SV-7		SV-8		SV-9	
LAB ID:			L2038365-07		L2038365-08		L2038365-09	
COLLECTION DATE:			9/14/2020		9/14/2020		9/14/2020	
SAMPLE MATRIX:			SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR	
ANALYTE	(ug/m3)	(ug/m3)	Conc	Q	Conc	Q	Conc	Q
VOLATILE ORGANICS IN AIR								
Carbon tetrachloride	6		ND		**8.55**		**17.6**	
Trichloroethene	6		**8.55**		**4.15**		ND	
Tetrachloroethene		100	**469**		**834**		**62.9**	

Compound Exceeds the NYSDOH Soil vapor Intrusion Matrices (May 2017)
ND = Compound Not Detected

5.0 CONCLUSIONS AND RECOMMENDATIONS

The exceedances in the soil, groundwater, and soil vapor reported during the investigations are a result of the Site historic uses, which include car garages and maintenance and machine shop.

Analytical results of this investigation and the historical investigations conducted by Woodard and Curran have identified SVOC and metals impacts to soil exceeding the RRSCO across the Site at depths ranging from grade up to 11.5 ft-bgs. These exceedances may be correlated to the historic car maintenance uses on the Site. The metal exceedances in soil are a result of the machine shop historic use.

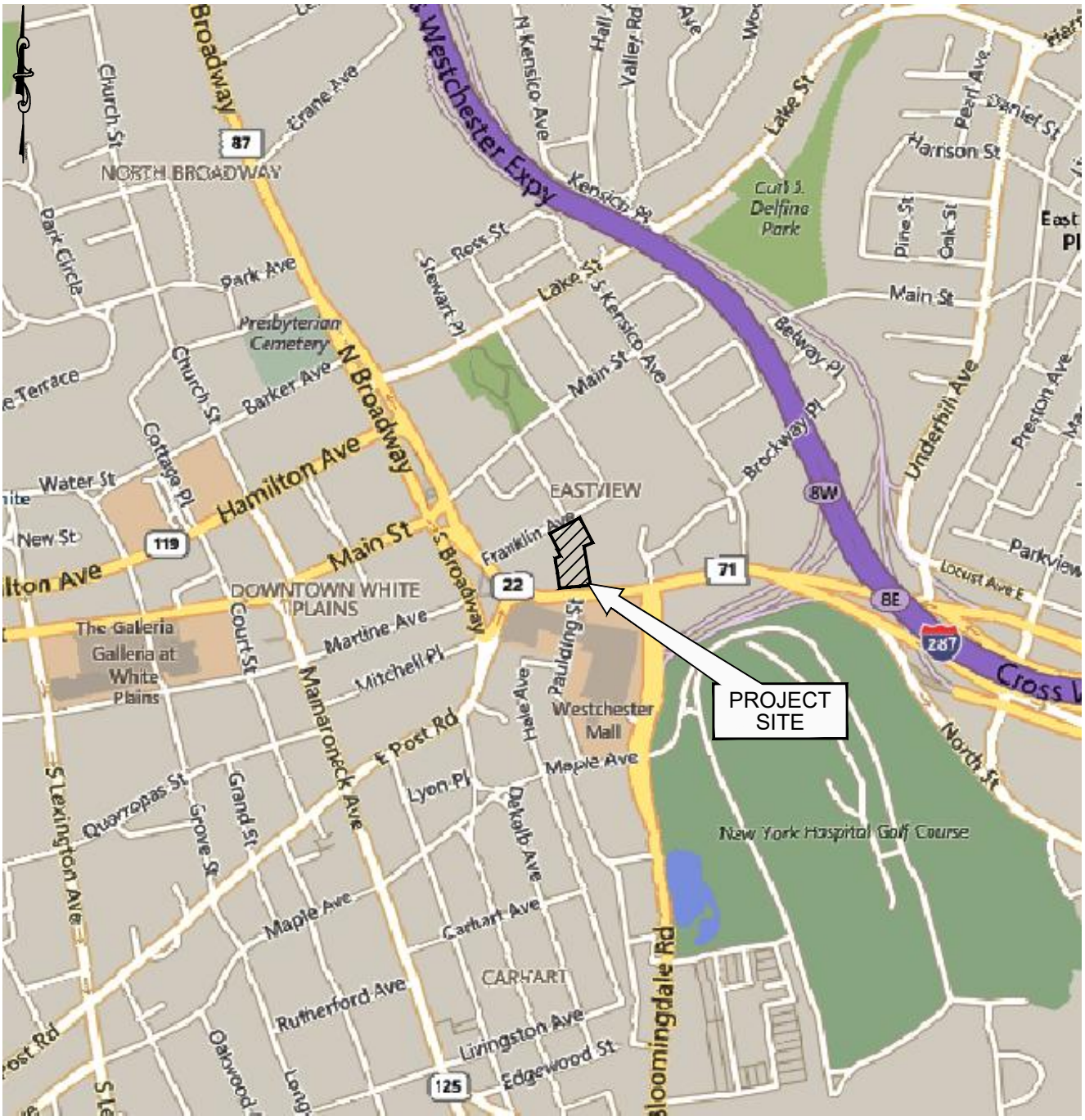
PFOA/PFOS were detected in numerous borings across the Site from grade to 9 ft-bgs. PFOS was detected in one soil sample beneath the western building exceeding its NYSDEC USCO Screening Level. PFOS/PFOA were used as coating material and in several lubricants.

SVOC, and metals impact to groundwater were identified in five (5) temporary monitoring wells sampled across the Site at concentrations exceeding the AWQS. The PCB aroclor 1242 was detected in one groundwater sample collected near the southwestern corner of the Site. The metals and SVOCs detected in groundwater are related to the detected soil exceedances and historic Site uses.

Carbon tetrachloride, TCE, and PCE were detected in soil vapor at concentrations exceeding the NYSDOH Decision Matrices Lower Threshold Levels with PCE as high as 834 ug/m^3. These compounds were historically used as degreasers in auto repairs and maintenance.

Additional investigation and eventually remediation are recommended to determine the source of the elevated CVOC in the soil vapor and mitigate it before any development on the Site. Soil and groundwater exceedances will require further vertical and horizontal delineation in order to develop the proper remedy to prepare the site for development.

Appendix A: Figures



Scale 1"=1000'

0 1000 2000

REFERENCE:
MAP INFORMATION TAKEN FROM BING MAPS ON OCTOBER 28, 2020.

FIG-1

70 WESTCHESTER AVENUE
WHITE PLAINS, WESTCHESTER COUNTY, NY

SITE LOCATION PLAN

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DRAWN BY: AAS
CHECKED BY: SSG
SCALE: AS NOTED
DATE: 10/30/2020
JOB NO.: 11444

N:\ACAD\11444\CAD\PHASE II\11444 – FIG–1 – SITE LOCATION PLAN.DWG 10/30/20 03:24:57PM, jenny, LAYOUT:FIG–1

LEGEND:

- PROPERTY LINE

REFERENCE
AERIAL MAP TAKEN FROM BING MAPS, DATED 2020.

Scale 1"=60'
0 60 120

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chk by: SSG
scale: AS NOTED
date: 10/30/2020

project:
70 WESTCHESTER AVENUE
WHITE PLAINS, WESTCHESTER COUNTY, NY

title:
SITE PLAN

job no: 11444
drawing no:
FIG-2

N:\ACAD\11444\CAD\PHASE II\11444 – FIG–2 – SITE PLAN.DWG 10/30/20 03:37:20PM, jenny, LAYOUT:FIG–2

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

LEGEND:

- PROPERTY LINE
- SV-1 - SOIL VAPOR SAMPLE NUMBER & APPROX. LOCATION
- AA-1 - AMBIENT AIR SAMPLE NUMBER & APPROX. LOCATION
- GW-1 - GROUNDWATER SAMPLE NUMBER & APPROX. LOCATION
- S-1 - SOIL SAMPLE NUMBER & APPROX. LOCATION
- B-1 - SOIL BORINGS COMPLETED BY OTHERS (MARCH 2014)
- CD-01 - SOIL BORINGS COMPLETED BY OTHERS (JANUARY 2015)

REFERENCE
AERIAL MAP TAKEN FROM BING MAPS, DATED 2020.

Scale 1"=60'
0 60 120

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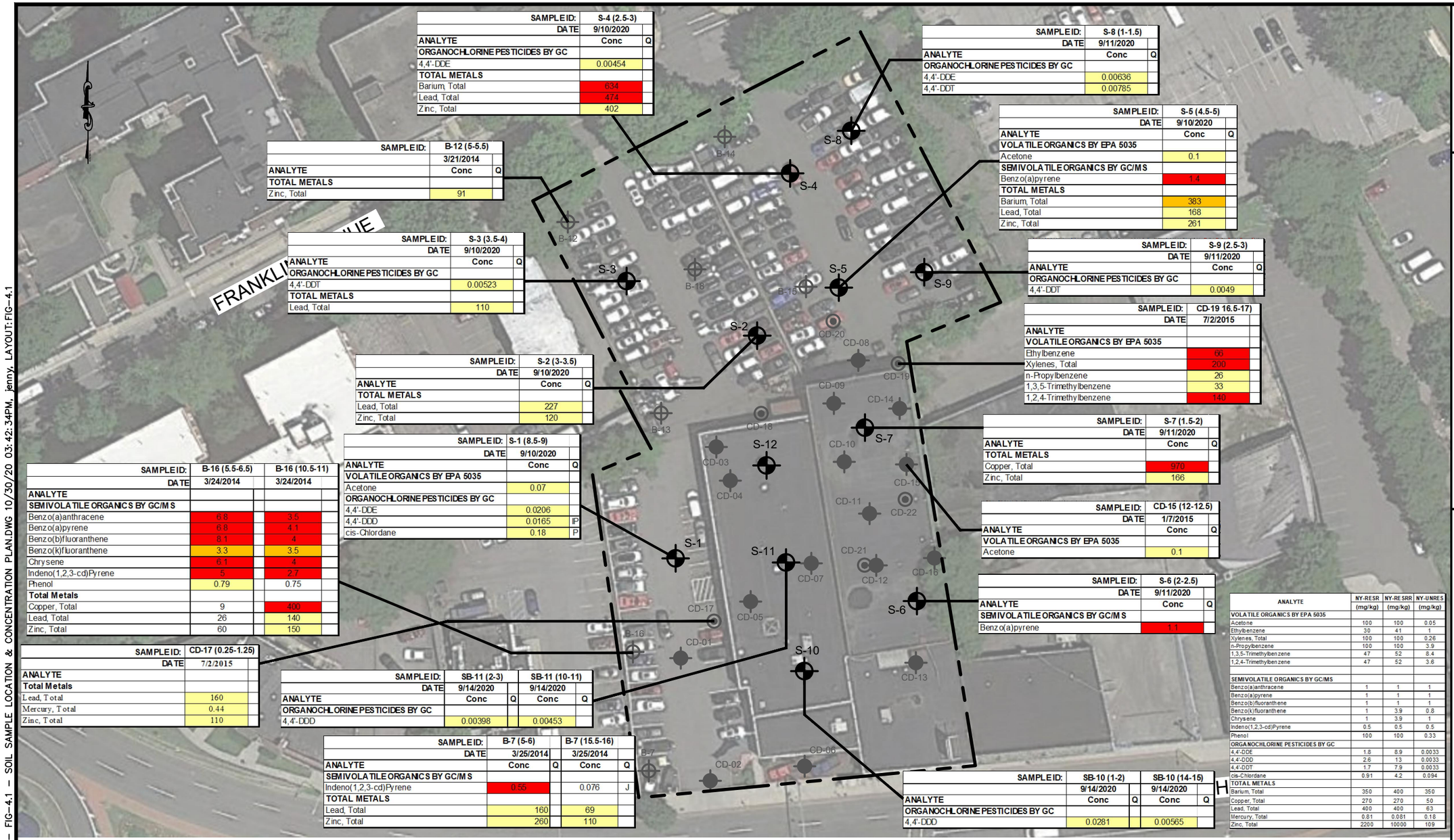
chk by: SSG
scale: AS NOTED
date: 10/30/2020

project:
70 WESTCHESTER AVENUE
WHITE PLAINS, WESTCHESTER COUNTY, NY

title:
SAMPLE LOCATION PLAN

job no: 11444
drawing no:
FIG-3

N:\ACAD\11444\CAD\PHASE II\11444 – FIG–3 – SAMPLE LOCATIONS.DWG 10/30/20 03:40:07PM, jenny, LAYOUT:FIG–3



SAMPLE ID:	S-4 (2.5-3)
DATE	9/10/2020
ANALYTE	Conc Q
ORGANOCHLORINE PESTICIDES BY GC	
4,4'-DDE	0.00454
TOTAL METALS	
Barium, Total	634
Lead, Total	474
Zinc, Total	402

SAMPLE ID:	S-8 (1-1.5)
DATE	9/11/2020
ANALYTE	Conc Q
ORGANOCHLORINE PESTICIDES BY GC	
4,4'-DDE	0.00636
4,4'-DDT	0.00785

SAMPLE ID:	B-12 (5-5.5)
	3/21/2014
ANALYTE	Conc Q
TOTAL METALS	
Zinc, Total	91

SAMPLE ID:	S-5 (4.5-5)
DATE	9/10/2020
ANALYTE	Conc Q
VOLATILE ORGANICS BY EPA 5035	
Acetone	0.1
SEMIVOLATILE ORGANICS BY GC/MS	
Benzo(a)pyrene	1.4
TOTAL METALS	
Barium, Total	383
Lead, Total	168
Zinc, Total	261

SAMPLE ID:	S-3 (3.5-4)
DATE	9/10/2020
ANALYTE	Conc Q
ORGANOCHLORINE PESTICIDES BY GC	
4,4'-DDT	0.00523
TOTAL METALS	
Lead, Total	110

SAMPLE ID:	S-9 (2.5-3)
DATE	9/11/2020
ANALYTE	Conc Q
ORGANOCHLORINE PESTICIDES BY GC	
4,4'-DDT	0.0049

SAMPLE ID:	CD-19 16.5-17)
DATE	7/2/2015
ANALYTE	
VOLATILE ORGANICS BY EPA 5035	
Ethylbenzene	66
Xylenes, Total	200
n-Propylbenzene	26
1,3,5-Trimethylbenzene	33
1,2,4-Trimethylbenzene	140

SAMPLE ID:	S-2 (3-3.5)
DATE	9/10/2020
ANALYTE	Conc Q
TOTAL METALS	
Lead, Total	227
Zinc, Total	120

SAMPLE ID:	S-7 (1.5-2)
DATE	9/11/2020
ANALYTE	Conc Q
TOTAL METALS	
Copper, Total	970
Zinc, Total	166

SAMPLE ID:	S-1 (8.5-9)
DATE	9/10/2020
ANALYTE	Conc Q
VOLATILE ORGANICS BY EPA 5035	
Acetone	0.07
ORGANOCHLORINE PESTICIDES BY GC	
4,4'-DDE	0.0206
4,4'-DDD	0.0165 IP
cis-Chlordane	0.18 P

SAMPLE ID:	CD-15 (12-12.5)
DATE	1/7/2015
ANALYTE	Conc Q
VOLATILE ORGANICS BY EPA 5035	
Acetone	0.1

SAMPLE ID:	B-16 (5.5-6.5)	B-16 (10.5-11)
DATE	3/24/2014	3/24/2014
ANALYTE		
SEMIVOLATILE ORGANICS BY GC/MS		
Benzo(a)anthracene	6.8	3.5
Benzo(a)pyrene	6.8	4.1
Benzo(b)fluoranthene	8.1	4
Benzo(k)fluoranthene	3.3	3.5
Chrysene	6.1	4
Indeno(1,2,3-cd)Pyrene	5	2.7
Phenol	0.79	0.75
Total Metals		
Copper, Total	9	400
Lead, Total	26	140
Zinc, Total	60	150

SAMPLE ID:	S-6 (2-2.5)
DATE	9/11/2020
ANALYTE	Conc Q
SEMIVOLATILE ORGANICS BY GC/MS	
Benzo(a)pyrene	1.1

ANALYTE	NY-RESR (mg/kg)	NY-RESRR (mg/kg)	NY-UNRES (mg/kg)
VOLATILE ORGANICS BY EPA 5035			
Acetone	100	100	0.05
Ethylbenzene	30	41	1
Xylenes, Total	100	100	0.26
n-Propylbenzene	100	100	3.9
1,3,5-Trimethylbenzene	47	52	8.4
1,2,4-Trimethylbenzene	47	52	3.6
SEMIVOLATILE ORGANICS BY GC/MS			
Benzo(a)anthracene	1	1	1
Benzo(a)pyrene	1	1	1
Benzo(b)fluoranthene	1	1	1
Benzo(k)fluoranthene	1	3.9	0.8
Chrysene	1	3.9	1
Indeno(1,2,3-cd)Pyrene	0.5	0.5	0.5
Phenol	100	100	0.33
ORGANOCHLORINE PESTICIDES BY GC			
4,4'-DDE	1.8	8.9	0.0033
4,4'-DDD	2.6	13	0.0033
4,4'-DDT	1.7	7.9	0.0033
cis-Chlordane	0.91	4.2	0.094
TOTAL METALS			
Barium, Total	350	400	350
Copper, Total	270	270	50
Lead, Total	400	400	63
Mercury, Total	0.81	0.081	0.18
Zinc, Total	2200	10000	109

SAMPLE ID:	CD-17 (0.25-1.25)
DATE	7/2/2015
ANALYTE	
Total Metals	
Lead, Total	160
Mercury, Total	0.44
Zinc, Total	110

SAMPLE ID:	SB-11 (2-3)		SB-11 (10-11)	
DATE	9/14/2020		9/14/2020	
ANALYTE	Conc	Q	Conc	Q
ORGANOCHLORINE PESTICIDES BY GC				
4,4'-DDD	0.00398		0.00453	

SAMPLE ID:	B-7 (5-6)		B-7 (15.5-16)	
DATE	3/25/2014		3/25/2014	
ANALYTE	Conc	Q	Conc	Q
SEMIVOLATILE ORGANICS BY GC/MS				
Indeno(1,2,3-cd)Pyrene	0.55		0.076	J
TOTAL METALS				
Lead, Total	160		69	
Zinc, Total	260		110	

SAMPLE ID:	SB-10 (1-2)		SB-10 (14-15)	
	9/14/2020		9/14/2020	
ANALYTE	Conc	Q	Conc	Q
ORGANOCHLORINE PESTICIDES BY GC				
4,4'-DDD	0.0281		0.00565	

NOTE:
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LEGEND:

- PROPERTY LINE
- S-1 - SOIL SAMPLE NUMBER & APPROX. LOCATION
- B-1 - SOIL BORINGS COMPLETED BY OTHERS (MARCH 2014)
- CD-01 - SOIL BORINGS COMPLETED BY OTHERS (JANUARY 2015)

REFERENCE
AERIAL MAP TAKEN FROM BING MAPS, DATED 2020.

0.1 - NY-RESR: NEW YORK NYCRR PART 375 RESIDENTIAL CRITERIA, NEW YORK RESTRICTED USE CRITERIA PER 6 NYCRR PART 375 ENVIRONMENTAL REMEDIATION PROGRAMS, EFFECTIVE DECEMBER 14, 2006.

383 - NY-RESRR: NEW YORK NYCRR PART 375 RESTRICTED-RESIDENTIAL CRITERIA, NEW YORK RESTRICTED USE CRITERIA PER 6 NYCRR PART 375 ENVIRONMENTAL REMEDIA6TION PROGRAMS, EFFECTIVE DECEMBER 14, 2006.

474 - NY-UNRES: NEW YORK NYCRR PART 375 NEW YORK UNRESTRICTED USE CRITERIA PER 6 NYCRR PART 375 ENVIRONMENTAL REMEDIATION PROGRAMS, EFFECTIVE DECEMBER 14, 2006.

Scale 1"=60'
0 60 120

dwg by: aas
chk by: SSG
scale: AS NOTED
date: 10/30/2020

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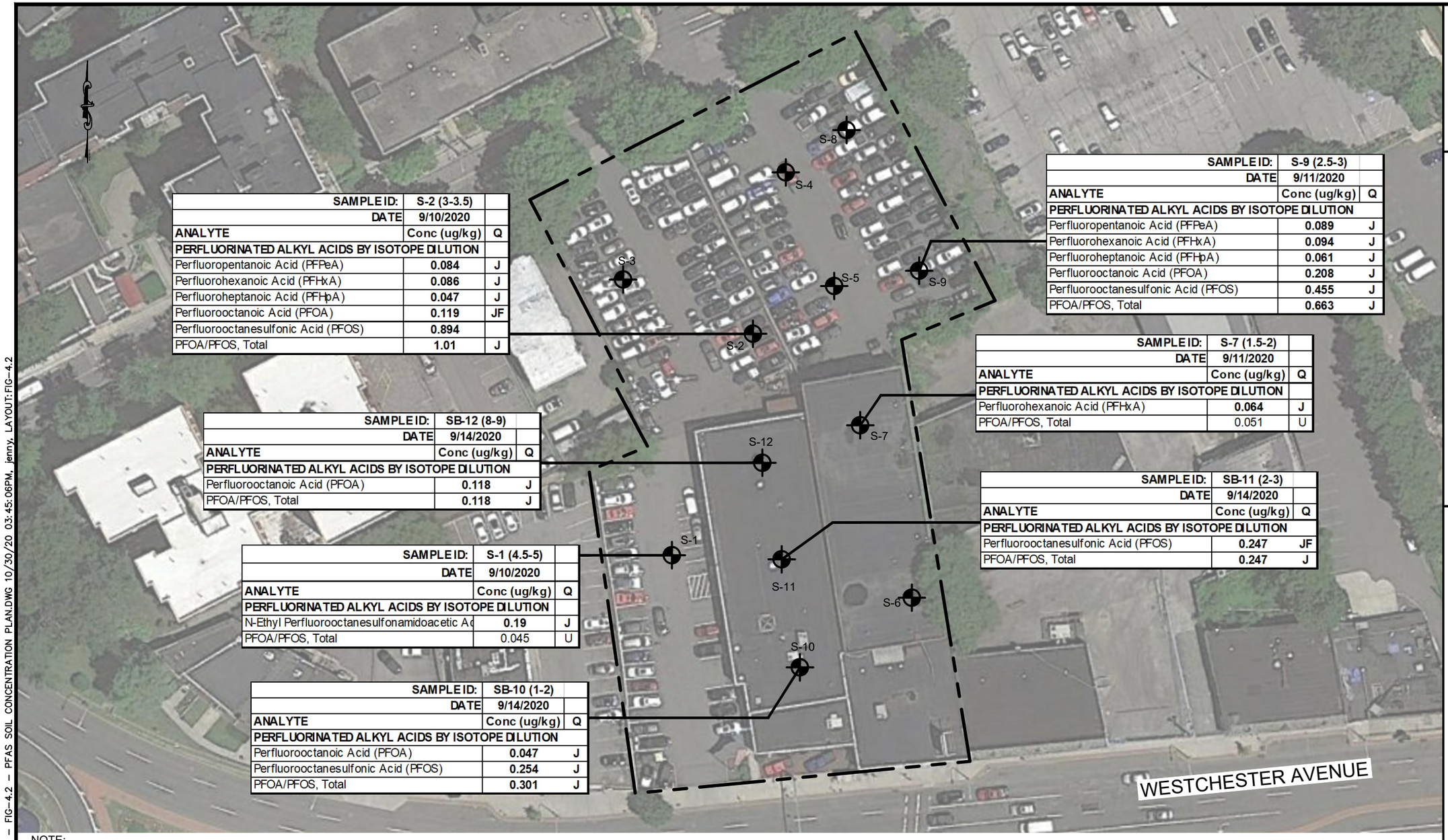
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

project: 70 WESTCHESTER AVENUE
WHITE PLAINS, WESTCHESTER COUNTY, NY

title: SOIL SAMPLE LOCATION AND CONCENTRATION PLAN

job no: 11444
drawing no: FIG-4.1

N:\ACAD\11444\CAD\PHASE II\11444 – FIG-4.1 – SOIL SAMPLE LOCATION & CONCENTRATION PLAN.DWG 10/30/20 03:42:34PM, jenny, LAYOUT:FIG-4.1



SAMPLE ID:	S-2 (3-3.5)	
DATE	9/10/2020	
ANALYTE	Conc (ug/kg)	Q
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION		
Perfluoropentanoic Acid (PFPeA)	0.084	J
Perfluorohexanoic Acid (PFHxA)	0.086	J
Perfluoroheptanoic Acid (PFHpA)	0.047	J
Perfluorooctanoic Acid (PFOA)	0.119	JF
Perfluorooctanesulfonic Acid (PFOS)	0.894	
PFOA/PFOS, Total	1.01	J

SAMPLE ID:	S-9 (2.5-3)	
DATE	9/11/2020	
ANALYTE	Conc (ug/kg)	Q
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION		
Perfluoropentanoic Acid (PFPeA)	0.089	J
Perfluorohexanoic Acid (PFHxA)	0.094	J
Perfluoroheptanoic Acid (PFHpA)	0.061	J
Perfluorooctanoic Acid (PFOA)	0.208	J
Perfluorooctanesulfonic Acid (PFOS)	0.455	J
PFOA/PFOS, Total	0.663	J

SAMPLE ID:	S-7 (1.5-2)	
DATE	9/11/2020	
ANALYTE	Conc (ug/kg)	Q
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION		
Perfluorohexanoic Acid (PFHxA)	0.064	J
PFOA/PFOS, Total	0.051	U

SAMPLE ID:	SB-12 (8-9)	
DATE	9/14/2020	
ANALYTE	Conc (ug/kg)	Q
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION		
Perfluorooctanoic Acid (PFOA)	0.118	J
PFOA/PFOS, Total	0.118	J

SAMPLE ID:	SB-11 (2-3)	
DATE	9/14/2020	
ANALYTE	Conc (ug/kg)	Q
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION		
Perfluorooctanesulfonic Acid (PFOS)	0.247	JF
PFOA/PFOS, Total	0.247	J

SAMPLE ID:	S-1 (4.5-5)	
DATE	9/10/2020	
ANALYTE	Conc (ug/kg)	Q
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION		
N-Ethyl Perfluorooctanesulfonamidoacetic Ac	0.19	J
PFOA/PFOS, Total	0.045	U

SAMPLE ID:	SB-10 (1-2)	
DATE	9/14/2020	
ANALYTE	Conc (ug/kg)	Q
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION		
Perfluorooctanoic Acid (PFOA)	0.047	J
Perfluorooctanesulfonic Acid (PFOS)	0.254	J
PFOA/PFOS, Total	0.301	J

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

LEGEND:

- PROPERTY LINE
- S-1 - SOIL SAMPLE NUMBER & APPROX. LOCATION

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REFERENCE
AERIAL MAP TAKEN FROM BING MAPS, DATED 2020.

Scale 1"=60'
0 60 120

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SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

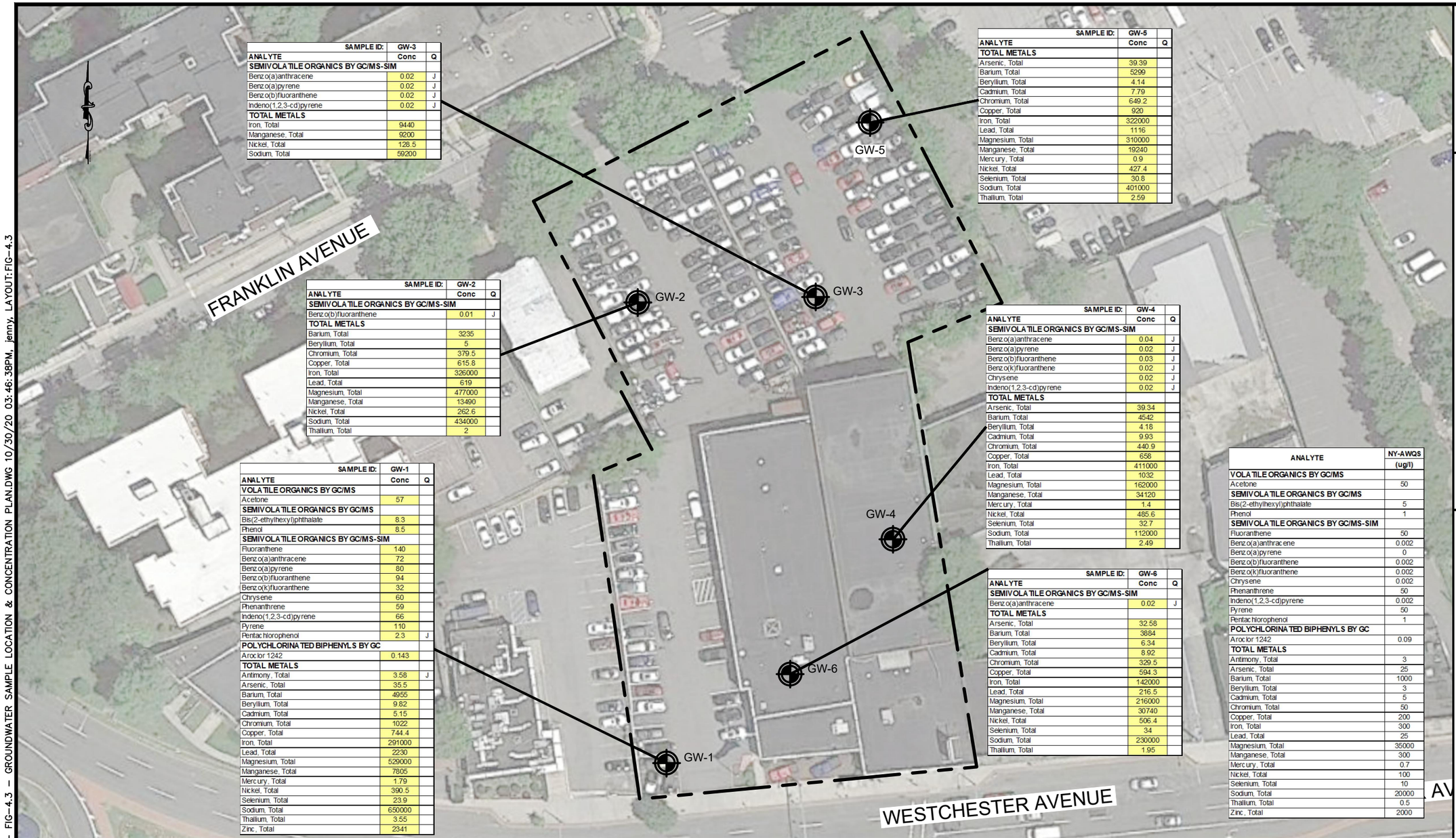
dwg by: aas
chk by: SSG
scale: AS NOTED
date: 10/30/2020

project:
70 WESTCHESTER AVENUE
WHITE PLAINS, WESTCHESTER COUNTY, NY

title:
PFAS SOIL CONCENTRATION PLAN

job no: 11444
drawing no:
FIG-4.2

N:\ACAD\11444\CAD\PHASE II\11444 – FIG-4.2 – PFAS SOIL CONCENTRATION PLAN.DWG 10/30/20 03:45:06PM, jenny, LAYOUT:FIG-4.2



SAMPLE ID:	GW-3	
ANALYTE	Conc	Q
SEMIVOLATILE ORGANICS BY GC/MS-SIM		
Benzo(a)anthracene	0.02	J
Benzo(a)pyrene	0.02	J
Benzo(b)fluoranthene	0.02	J
Indeno(1,2,3-cd)pyrene	0.02	J
TOTAL METALS		
Iron, Total	9440	
Manganese, Total	9200	
Nickel, Total	128.5	
Sodium, Total	59200	

SAMPLE ID:	GW-5	
ANALYTE	Conc	Q
TOTAL METALS		
Arsenic, Total	39.39	
Barium, Total	5299	
Beryllium, Total	4.14	
Cadmium, Total	7.79	
Chromium, Total	649.2	
Copper, Total	920	
Iron, Total	322000	
Lead, Total	1116	
Magnesium, Total	310000	
Manganese, Total	19240	
Mercury, Total	0.9	
Nickel, Total	427.4	
Selenium, Total	30.8	
Sodium, Total	401000	
Thallium, Total	2.59	

SAMPLE ID:	GW-2	
ANALYTE	Conc	Q
SEMIVOLATILE ORGANICS BY GC/MS-SIM		
Benzo(b)fluoranthene	0.01	J
TOTAL METALS		
Barium, Total	3235	
Beryllium, Total	5	
Chromium, Total	379.5	
Copper, Total	615.8	
Iron, Total	326000	
Lead, Total	619	
Magnesium, Total	477000	
Manganese, Total	13490	
Nickel, Total	262.6	
Sodium, Total	434000	
Thallium, Total	2	

SAMPLE ID:	GW-4	
ANALYTE	Conc	Q
SEMIVOLATILE ORGANICS BY GC/MS-SIM		
Benzo(a)anthracene	0.04	J
Benzo(a)pyrene	0.02	J
Benzo(b)fluoranthene	0.03	J
Benzo(k)fluoranthene	0.02	J
Chrysene	0.02	J
Indeno(1,2,3-cd)pyrene	0.02	J
TOTAL METALS		
Arsenic, Total	39.34	
Barium, Total	4542	
Beryllium, Total	4.18	
Cadmium, Total	9.93	
Chromium, Total	440.9	
Copper, Total	658	
Iron, Total	411000	
Lead, Total	1032	
Magnesium, Total	162000	
Manganese, Total	34120	
Mercury, Total	1.4	
Nickel, Total	485.6	
Selenium, Total	32.7	
Sodium, Total	112000	
Thallium, Total	2.49	

SAMPLE ID:	GW-1	
ANALYTE	Conc	Q
VOLATILE ORGANICS BY GC/MS		
Acetone	57	
SEMIVOLATILE ORGANICS BY GC/MS		
Bis(2-ethylhexyl)phthalate	8.3	
Phenol	8.5	
SEMIVOLATILE ORGANICS BY GC/MS-SIM		
Fluoranthene	140	
Benzo(a)anthracene	72	
Benzo(a)pyrene	80	
Benzo(b)fluoranthene	94	
Benzo(k)fluoranthene	32	
Chrysene	60	
Phenanthrene	59	
Indeno(1,2,3-cd)pyrene	66	
Pyrene	110	
Pentachlorophenol	2.3	J
POLYCHLORINATED BIPHENYLS BY GC		
Aroclor 1242	0.143	
TOTAL METALS		
Antimony, Total	3.58	J
Arsenic, Total	35.5	
Barium, Total	4955	
Beryllium, Total	9.82	
Cadmium, Total	5.15	
Chromium, Total	1022	
Copper, Total	744.4	
Iron, Total	291000	
Lead, Total	2230	
Magnesium, Total	529000	
Manganese, Total	7805	
Mercury, Total	1.79	
Nickel, Total	390.5	
Selenium, Total	23.9	
Sodium, Total	650000	
Thallium, Total	3.55	
Zinc, Total	2341	

SAMPLE ID:	GW-6	
ANALYTE	Conc	Q
SEMIVOLATILE ORGANICS BY GC/MS-SIM		
Benzo(a)anthracene	0.02	J
TOTAL METALS		
Arsenic, Total	32.58	
Barium, Total	3884	
Beryllium, Total	6.34	
Cadmium, Total	8.92	
Chromium, Total	329.5	
Copper, Total	594.3	
Iron, Total	142000	
Lead, Total	216.5	
Magnesium, Total	216000	
Manganese, Total	30740	
Nickel, Total	506.4	
Selenium, Total	34	
Sodium, Total	230000	
Thallium, Total	1.95	

ANALYTE	NY-AWQS (ug/l)
VOLATILE ORGANICS BY GC/MS	
Acetone	50
SEMIVOLATILE ORGANICS BY GC/MS	
Bis(2-ethylhexyl)phthalate	5
Phenol	1
SEMIVOLATILE ORGANICS BY GC/MS-SIM	
Fluoranthene	50
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Phenanthrene	50
Indeno(1,2,3-cd)pyrene	0.002
Pyrene	50
Pentachlorophenol	1
POLYCHLORINATED BIPHENYLS BY GC	
Aroclor 1242	0.09
TOTAL METALS	
Antimony, Total	3
Arsenic, Total	25
Barium, Total	1000
Beryllium, Total	3
Cadmium, Total	5
Chromium, Total	50
Copper, Total	200
Iron, Total	300
Lead, Total	25
Magnesium, Total	35000
Manganese, Total	300
Mercury, Total	0.7
Nickel, Total	100
Selenium, Total	10
Sodium, Total	20000
Thallium, Total	0.5
Zinc, Total	2000

NOTE:
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LEGEND:

- PROPERTY LINE

GW-1 - GROUNDWATER SAMPLE NUMBER & APPROX. LOCATION

Concentration Exceed NY-AWQS

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.

REFERENCE
AERIAL MAP TAKEN FROM BING MAPS, DATED 2020.

Scale 1"=60'
0 60 120

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

dwg by: aas
chk by: SSG
scale: AS NOTED
date: 10/30/2020

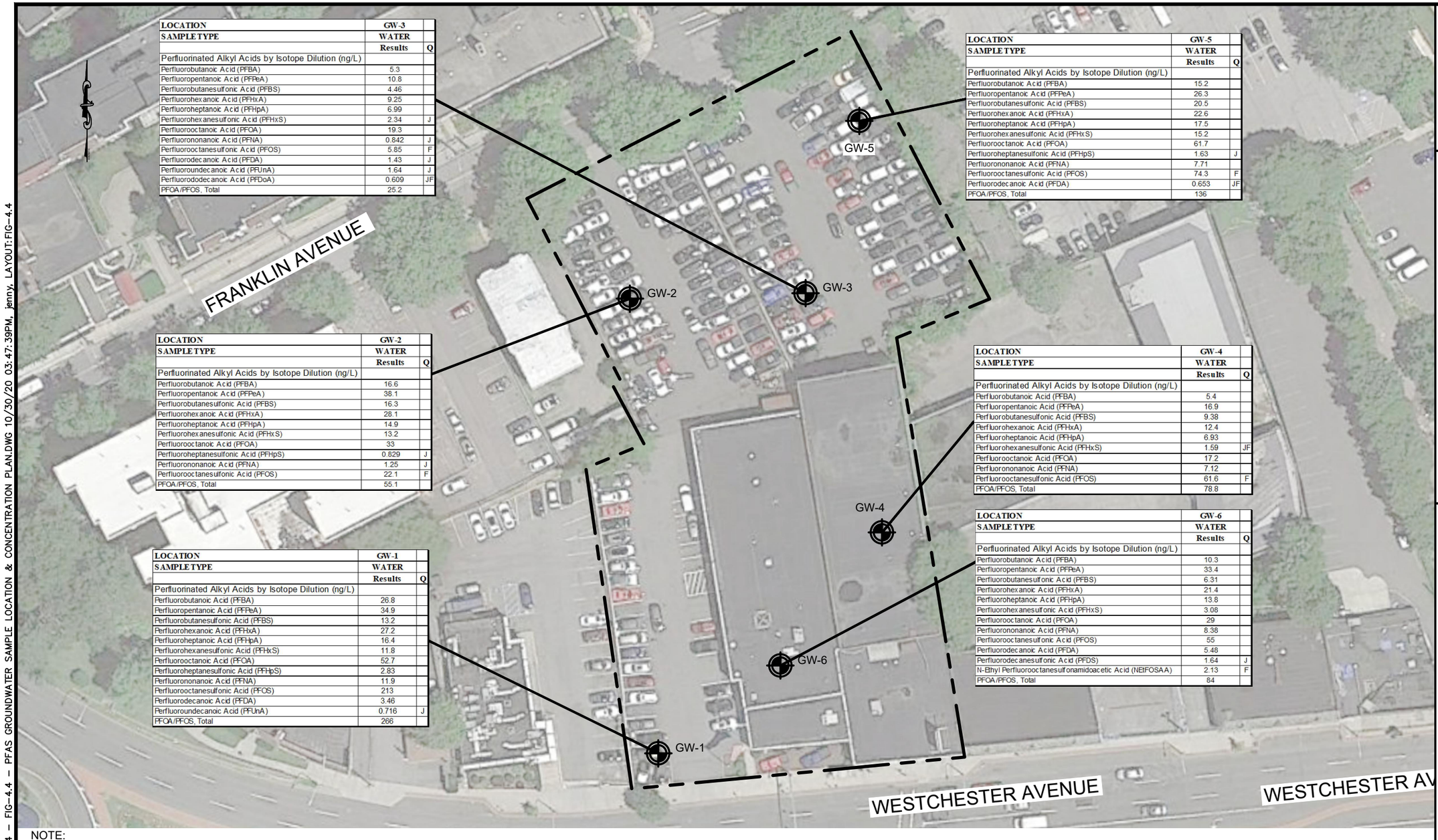
project: 70 WESTCHESTER AVENUE
WHITE PLAINS, WESTCHESTER COUNTY, NY

title: GROUNDWATER SAMPLE LOCATION AND CONCENTRATION PLAN

job no: 11444
drawing no:

FIG-4.3

N:\ACAD\11444\CAD\PHASE II\11444 – FIG-4.3 – GROUNDWATER SAMPLE LOCATION & CONCENTRATION PLAN.DWG 10/30/20 03:46:38PM, jenny, LAYOUT:FIG-4.3



LOCATION	GW-3	
SAMPLE TYPE	WATER	
	Results	Q
Perfluorinated Alkyl Acids by Isotope Dilution (ng/L)		
Perfluorobutanoic Acid (PFBA)	5.3	
Perfluoropentanoic Acid (PFPeA)	10.8	
Perfluorobutanesulfonic Acid (PFBS)	4.46	
Perfluorohexanoic Acid (PFHxA)	9.25	
Perfluoroheptanoic Acid (PFHpA)	6.99	
Perfluorohexanesulfonic Acid (PFHxS)	2.34	J
Perfluorooctanoic Acid (PFOA)	19.3	
Perfluorononanoic Acid (PFNA)	0.842	J
Perfluorooctanesulfonic Acid (PFOS)	5.85	F
Perfluorodecanoic Acid (PFDA)	1.43	J
Perfluoroundecanoic Acid (PFUnA)	1.64	J
Perfluorododecanoic Acid (PFDoA)	0.609	JF
PFOA/PFOS, Total	25.2	

LOCATION	GW-5	
SAMPLE TYPE	WATER	
	Results	Q
Perfluorinated Alkyl Acids by Isotope Dilution (ng/L)		
Perfluorobutanoic Acid (PFBA)	15.2	
Perfluoropentanoic Acid (PFPeA)	26.3	
Perfluorobutanesulfonic Acid (PFBS)	20.5	
Perfluorohexanoic Acid (PFHxA)	22.6	
Perfluoroheptanoic Acid (PFHpA)	17.5	
Perfluorohexanesulfonic Acid (PFHxS)	15.2	
Perfluorooctanoic Acid (PFOA)	61.7	
Perfluoroheptanesulfonic Acid (PFHpS)	1.63	J
Perfluorononanoic Acid (PFNA)	7.71	
Perfluorooctanesulfonic Acid (PFOS)	74.3	F
Perfluorodecanoic Acid (PFDA)	0.653	JF
PFOA/PFOS, Total	136	

LOCATION	GW-2	
SAMPLE TYPE	WATER	
	Results	Q
Perfluorinated Alkyl Acids by Isotope Dilution (ng/L)		
Perfluorobutanoic Acid (PFBA)	16.6	
Perfluoropentanoic Acid (PFPeA)	38.1	
Perfluorobutanesulfonic Acid (PFBS)	16.3	
Perfluorohexanoic Acid (PFHxA)	28.1	
Perfluoroheptanoic Acid (PFHpA)	14.9	
Perfluorohexanesulfonic Acid (PFHxS)	13.2	
Perfluorooctanoic Acid (PFOA)	33	
Perfluoroheptanesulfonic Acid (PFHpS)	0.829	J
Perfluorononanoic Acid (PFNA)	1.25	J
Perfluorooctanesulfonic Acid (PFOS)	22.1	F
PFOA/PFOS, Total	55.1	

LOCATION	GW-4	
SAMPLE TYPE	WATER	
	Results	Q
Perfluorinated Alkyl Acids by Isotope Dilution (ng/L)		
Perfluorobutanoic Acid (PFBA)	5.4	
Perfluoropentanoic Acid (PFPeA)	16.9	
Perfluorobutanesulfonic Acid (PFBS)	9.38	
Perfluorohexanoic Acid (PFHxA)	12.4	
Perfluoroheptanoic Acid (PFHpA)	6.93	
Perfluorohexanesulfonic Acid (PFHxS)	1.59	JF
Perfluorooctanoic Acid (PFOA)	17.2	
Perfluorononanoic Acid (PFNA)	7.12	
Perfluorooctanesulfonic Acid (PFOS)	61.6	F
PFOA/PFOS, Total	78.8	

LOCATION	GW-1	
SAMPLE TYPE	WATER	
	Results	Q
Perfluorinated Alkyl Acids by Isotope Dilution (ng/L)		
Perfluorobutanoic Acid (PFBA)	26.8	
Perfluoropentanoic Acid (PFPeA)	34.9	
Perfluorobutanesulfonic Acid (PFBS)	13.2	
Perfluorohexanoic Acid (PFHxA)	27.2	
Perfluoroheptanoic Acid (PFHpA)	16.4	
Perfluorohexanesulfonic Acid (PFHxS)	11.8	
Perfluorooctanoic Acid (PFOA)	52.7	
Perfluoroheptanesulfonic Acid (PFHpS)	2.83	
Perfluorononanoic Acid (PFNA)	11.9	
Perfluorooctanesulfonic Acid (PFOS)	213	
Perfluorodecanoic Acid (PFDA)	3.46	
Perfluoroundecanoic Acid (PFUnA)	0.716	J
PFOA/PFOS, Total	266	

LOCATION	GW-6	
SAMPLE TYPE	WATER	
	Results	Q
Perfluorinated Alkyl Acids by Isotope Dilution (ng/L)		
Perfluorobutanoic Acid (PFBA)	10.3	
Perfluoropentanoic Acid (PFPeA)	33.4	
Perfluorobutanesulfonic Acid (PFBS)	6.31	
Perfluorohexanoic Acid (PFHxA)	21.4	
Perfluoroheptanoic Acid (PFHpA)	13.8	
Perfluorohexanesulfonic Acid (PFHxS)	3.08	
Perfluorooctanoic Acid (PFOA)	29	
Perfluorononanoic Acid (PFNA)	8.38	
Perfluorooctanesulfonic Acid (PFOS)	55	
Perfluorodecanoic Acid (PFDA)	5.48	
Perfluorodecanesulfonic Acid (PFDS)	1.64	J
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2.13	F
PFOA/PFOS, Total	84	

NOTE:
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LEGEND:

- PROPERTY LINE

GW-1 - GROUNDWATER SAMPLE NUMBER & APPROX. LOCATION

REFERENCE
AERIAL MAP TAKEN FROM BING MAPS, DATED 2020.

Scale 1"=60'
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N:\ACAD\11444\CAD\PHASE II\11444 – FIG–4.4 – PFAS GROUNDWATER SAMPLE LOCATION & CONCENTRATION PLAN.DWG 10/30/20 03:47:39PM, jenny, LAYOUT:FIG–4.4

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

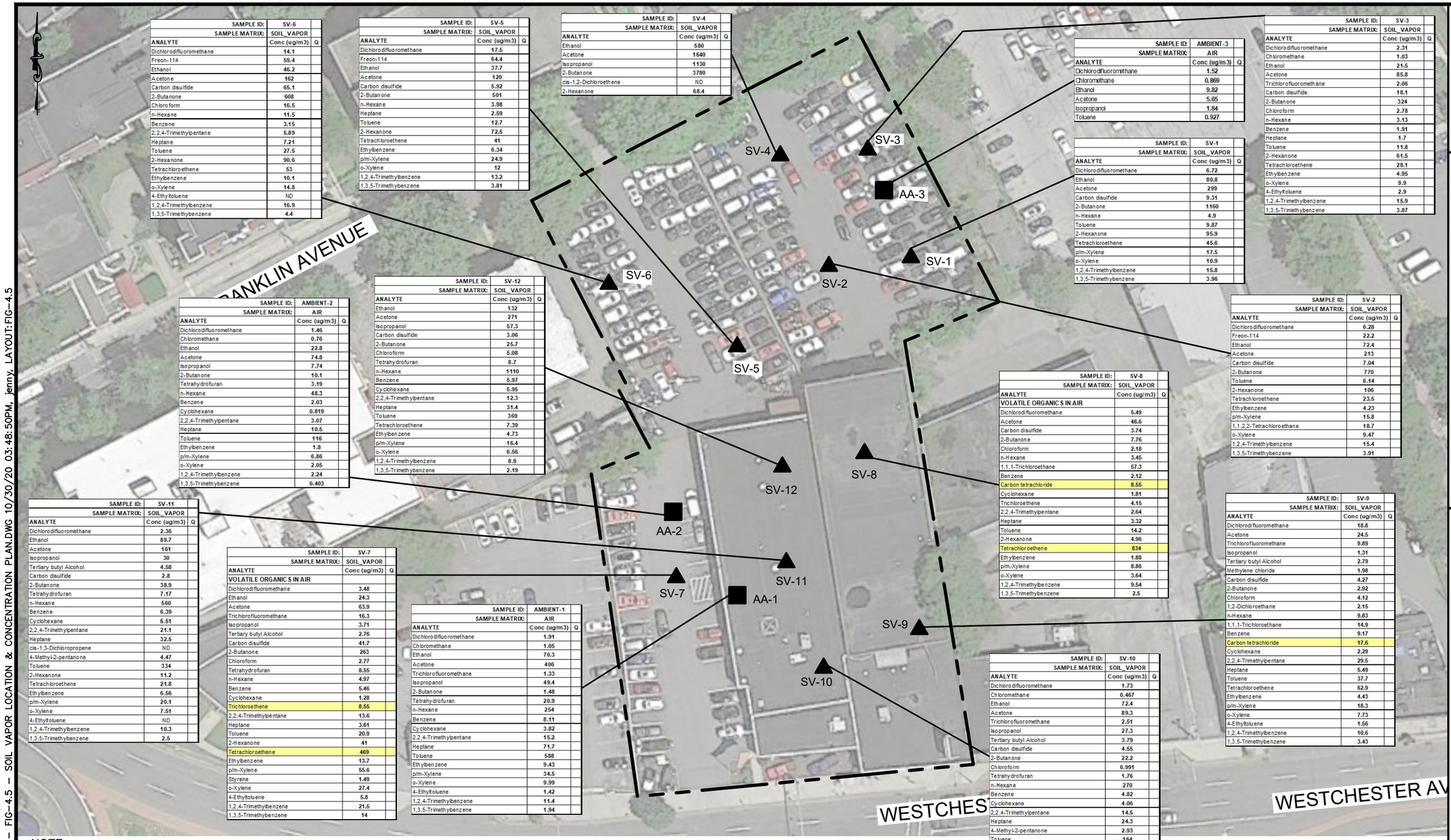
dwg by: aas
chk by: SSG
scale: AS NOTED
date: 10/30/2020

project: 70 WESTCHESTER AVENUE
WHITE PLAINS, WESTCHESTER COUNTY, NY

title: PFAS GROUNDWATER SAMPLE LOCATION AND CONCENTRATION PLAN

job no: 11444
drawing no:

FIG-4.4



SAMPLE ID:	SV-6	
SAMPLE MATRIX:	SOIL_VAPOR	
ANALYTE	Conc (ug/m3)	Q
Dichlorodifluoromethane	14.1	
Freon-114	59.4	
Ethanol	46.2	
Acetone	162	
Carbon disulfide	65.1	
2-Butanone	608	
Chloroform	16.5	
n-Hexane	11.5	
Benzene	3.15	
2,2,4-Trimethylpentane	5.89	
Heptane	7.21	
Toluene	27.5	
2-Hexanone	90.6	
Tetrachloroethene	53	
Ethylbenzene	10.1	
o-Xylene	14.8	
4-Ethyltoluene	ND	
1,2,4-Trimethylbenzene	16.9	
1,3,5-Trimethylbenzene	4.4	

SAMPLE ID:	SV-5	
SAMPLE MATRIX:	SOIL_VAPOR	
ANALYTE	Conc (ug/m3)	Q
Dichlorodifluoromethane	17.5	
Freon-114	64.4	
Ethanol	37.7	
Acetone	120	
Carbon disulfide	5.92	
2-Butanone	501	
n-Hexane	3.98	
Heptane	2.59	
Toluene	12.7	
2-Hexanone	72.5	
Tetrachloroethene	41	
Ethylbenzene	6.34	
p/m-Xylene	24.9	
o-Xylene	12	
1,2,4-Trimethylbenzene	13.2	
1,3,5-Trimethylbenzene	3.81	

SAMPLE ID:	SV-4	
SAMPLE MATRIX:	SOIL_VAPOR	
ANALYTE	Conc (ug/m3)	Q
Ethanol	580	
Acetone	1640	
Isopropanol	1130	
2-Butanone	3780	
cis-1,2-Dichloroethene	ND	
2-Hexanone	68.4	

SAMPLE ID:	AMBIENT-3	
SAMPLE MATRIX:	AIR	
ANALYTE	Conc (ug/m3)	Q
Dichlorodifluoromethane	1.52	
Chloromethane	0.869	
Ethanol	9.82	
Acetone	5.65	
Isopropanol	1.84	
Toluene	0.927	

SAMPLE ID:	SV-3	
SAMPLE MATRIX:	SOIL_VAPOR	
ANALYTE	Conc (ug/m3)	Q
Dichlorodifluoromethane	2.31	
Chloromethane	1.03	
Ethanol	21.5	
Acetone	85.8	
Trichlorofluoromethane	2.06	
Carbon disulfide	18.1	
2-Butanone	324	
Chloroform	2.78	
n-Hexane	3.13	
Benzene	1.91	
Heptane	1.7	
Toluene	11.8	
2-Hexanone	61.5	
Tetrachloroethene	28.1	
Ethylbenzene	4.95	
o-Xylene	9.9	
4-Ethyltoluene	2.9	
1,2,4-Trimethylbenzene	15.9	
1,3,5-Trimethylbenzene	3.87	

SAMPLE ID:	SV-1	
SAMPLE MATRIX:	SOIL_VAPOR	
ANALYTE	Conc (ug/m3)	Q
Dichlorodifluoromethane	6.72	
Ethanol	80.8	
Acetone	299	
Carbon disulfide	9.31	
2-Butanone	1160	
n-Hexane	4.9	
Toluene	9.87	
2-Hexanone	95.9	
Tetrachloroethene	45.6	
p/m-Xylene	17.5	
o-Xylene	10.9	
1,2,4-Trimethylbenzene	15.8	
1,3,5-Trimethylbenzene	3.96	

SAMPLE ID:	SV-12	
SAMPLE MATRIX:	SOIL_VAPOR	
ANALYTE	Conc (ug/m3)	Q
Ethanol	132	
Acetone	271	
Isopropanol	57.3	
Carbon disulfide	3.06	
2-Butanone	25.7	
Chloroform	5.08	
Tetrahydrofuran	8.7	
n-Hexane	1110	
Benzene	5.97	
Cyclohexane	5.95	
2,2,4-Trimethylpentane	12.3	
Heptane	31.4	
Toluene	369	
Tetrachloroethene	7.39	
Ethylbenzene	4.73	
p/m-Xylene	16.4	
o-Xylene	6.56	
1,2,4-Trimethylbenzene	8.9	
1,3,5-Trimethylbenzene	2.19	

SAMPLE ID:	AMBIENT-2	
SAMPLE MATRIX:	AIR	
ANALYTE	Conc (ug/m3)	Q
Dichlorodifluoromethane	1.46	
Chloromethane	0.76	
Ethanol	22.8	
Acetone	74.8	
Isopropanol	7.74	
2-Butanone	10.1	
Tetrahydrofuran	3.19	
n-Hexane	48.3	
Benzene	2.03	
Cyclohexane	0.819	
2,2,4-Trimethylpentane	3.07	
Heptane	10.5	
Toluene	116	
Ethylbenzene	1.8	
p/m-Xylene	6.86	
o-Xylene	2.05	
1,2,4-Trimethylbenzene	2.24	
1,3,5-Trimethylbenzene	0.403	

SAMPLE ID:	SV-2	
SAMPLE MATRIX:	SOIL_VAPOR	
ANALYTE	Conc (ug/m3)	Q
Dichlorodifluoromethane	6.28	
Freon-114	22.2	
Ethanol	72.4	
Acetone	213	
Carbon disulfide	7.04	
2-Butanone	770	
Toluene	6.14	
2-Hexanone	106	
Tetrachloroethene	23.5	
Ethylbenzene	4.23	
p/m-Xylene	15.8	
1,1,2,2-Tetrachloroethane	18.7	
o-Xylene	9.47	
1,2,4-Trimethylbenzene	15.4	
1,3,5-Trimethylbenzene	3.91	

SAMPLE ID:	SV-8	
SAMPLE MATRIX:	SOIL_VAPOR	
ANALYTE	Conc (ug/m3)	Q
VOLATILE ORGANICS IN AIR		
Dichlorodifluoromethane	5.49	
Acetone	46.6	
Carbon disulfide	3.74	
2-Butanone	7.76	
Chloroform	2.18	
n-Hexane	3.45	
1,1,1-Trichloroethane	57.3	
Benzene	2.12	
Carbon tetrachloride	8.55	
Cyclohexane	1.81	
Trichloroethene	4.15	
2,2,4-Trimethylpentane	2.64	
Heptane	3.32	
Toluene	14.2	
2-Hexanone	4.96	
Tetrachloroethene	834	
Ethylbenzene	1.88	
p/m-Xylene	8.86	
o-Xylene	3.64	
1,2,4-Trimethylbenzene	9.54	
1,3,5-Trimethylbenzene	2.5	

SAMPLE ID:	SV-9	
SAMPLE MATRIX:	SOIL_VAPOR	
ANALYTE	Conc (ug/m3)	Q
Dichlorodifluoromethane	18.8	
Acetone	24.5	
Trichlorofluoromethane	9.89	
Isopropanol	1.31	
Tertiary butyl Alcohol	2.79	
Methylene chloride	1.98	
Carbon disulfide	4.27	
2-Butanone	2.92	
Chloroform	4.12	
1,2-Dichloroethane	2.15	
n-Hexane	9.83	
1,1,1-Trichloroethane	14.9	
Benzene	9.17	
Carbon tetrachloride	17.6	
Cyclohexane	2.29	
2,2,4-Trimethylpentane	29.5	
Heptane	5.49	
Toluene	37.7	
Tetrachloroethene	62.9	
Ethylbenzene	4.43	
p/m-Xylene	18.3	
o-Xylene	7.73	
4-Ethyltoluene	1.56	
1,2,4-Trimethylbenzene	10.6	
1,3,5-Trimethylbenzene	3.43	

SAMPLE ID:	SV-11	
SAMPLE MATRIX:	SOIL_VAPOR	
ANALYTE	Conc (ug/m3)	Q
Dichlorodifluoromethane	2.36	
Ethanol	89.7	
Acetone	161	
Isopropanol	30	
Tertiary butyl Alcohol	4.58	
Carbon disulfide	2.8	
2-Butanone	38.9	
Tetrahydrofuran	7.17	
n-Hexane	560	
Benzene	6.39	
Cyclohexane	6.51	
2,2,4-Trimethylpentane	21.1	
Heptane	32.5	
cis-1,3-Dichloropropene	ND	
4-Methyl-2-pentanone	4.47	
Toluene	334	
2-Hexanone	11.2	
Tetrachloroethene	21.8	
Ethylbenzene	6.56	
p/m-Xylene	20.1	
o-Xylene	7.51	
4-Ethyltoluene	ND	
1,2,4-Trimethylbenzene	10.3	
1,3,5-Trimethylbenzene	2.5	

SAMPLE ID:	SV-7	
SAMPLE MATRIX:	SOIL_VAPOR	
ANALYTE	Conc (ug/m3)	Q
VOLATILE ORGANICS IN AIR		
Dichlorodifluoromethane	3.48	
Ethanol	24.3	
Acetone	63.9	
Trichlorofluoromethane	16.3	
Isopropanol	3.71	
Tertiary butyl Alcohol	2.76	
Carbon disulfide	41.7	
2-Butanone	263	
Chloroform	2.77	
Tetrahydrofuran	8.55	
n-Hexane	4.97	
Benzene	5.46	
Cyclohexane	1.28	
Trichloroethene	8.55	
2,2,4-Trimethylpentane	13.6	
Heptane	3.61	
Toluene	20.9	
2-Hexanone	41	
Tetrachloroethene	469	
Ethylbenzene	13.7	
p/m-Xylene	55.6	
Styrene	1.49	
o-Xylene	27.4	
4-Ethyltoluene	5.8	
1,2,4-Trimethylbenzene	21.5	
1,3,5-Trimethylbenzene	14	

SAMPLE ID:	AMBIENT-1	
SAMPLE MATRIX:	AIR	
ANALYTE	Conc (ug/m3)	Q
Dichlorodifluoromethane	1.91	
Chloromethane	1.05	
Ethanol	70.3	
Acetone	406	
Trichlorofluoromethane	1.33	
Isopropanol	49.4	
2-Butanone	1.48	
Tetrahydrofuran	20.9	
n-Hexane	254	
Benzene	8.11	
Cyclohexane	3.82	
2,2,4-Trimethylpentane	15.2	
Heptane	71.7	
Toluene	588	
Ethylbenzene	9.43	
p/m-Xylene	34.5	
o-Xylene	9.99	
4-Ethyltoluene	1.42	
1,2,4-Trimethylbenzene	11.4	
1,3,5-Trimethylbenzene	1.94	

SAMPLE ID:	SV-10	
SAMPLE MATRIX:	SOIL_VAPOR	
ANALYTE	Conc (ug/m3)	Q
Dichlorodifluoromethane	1.73	
Chloromethane	0.467	
Ethanol	72.4	
Acetone	89.3	
Trichlorofluoromethane	2.51	
Isopropanol	27.3	
Tertiary butyl Alcohol	3.79	
Carbon disulfide	4.55	
2-Butanone	22.2	
Chloroform	0.991	
Tetrahydrofuran	1.76	
n-Hexane	270	
Benzene	4.82	
Cyclohexane	4.06	
2,2,4-Trimethylpentane	14.5	
Heptane	24.3	
4-Methyl-2-pentanone	2.93	
Toluene	164	
2-Hexanone	8.24	
Tetrachloroethene	28.1	
Ethylbenzene	3.67	
p/m-Xylene	11.3	
o-Xylene	5.04	
4-Ethyltoluene	1.36	
1,2,4-Trimethylbenzene	9	
1,3,5-Trimethylbenzene	2.11	

ANALYTE	CAS	NY-SSC-A (ug/m3)	NY-SSC-B (ug/m3)
VOLATILE ORGANICS IN AIR			
Carbon tetrachloride	56-23-5	6	
Trichloroethene	79-01-6	6	
Tetrachloroethene	127-18-4		100

Concentration Exceed NYSDOH Sub-Slabd Vapor Matrices Criteria

NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

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

LEGEND:

- PROPERTY LINE
- SV-1 - SOIL VAPOR SAMPLE NUMBER & APPROX. LOCATION
- AA-1 - AMBIENT AIR SAMPLE NUMBER & APPROX. LOCATION

REFERENCE
AERIAL MAP TAKEN FROM BING MAPS, DATED 2020.

Scale 1"=60'
0 60 120

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

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N:\ACAD\11444 CAD\PHASE II\11444 – FIG-4.5 – SOIL VAPOR LOCATION & CONCENTRATION PLAN.DWG 10/30/20 03:48:50PM, jenny, LAYOUT:FIG-4.5

SESI CONSULTING ENGINEERS
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

dwg by: aas
chk by: SSG
scale: AS NOTED
date: 10/30/2020

project: 70 WESTCHESTER AVENUE
WHITE PLAINS, WESTCHESTER COUNTY, NY

title: SOIL VAPOR SAMPLE LOCATION AND CONCENTRATION PLAN

job no: 11444
drawing no: FIG-4.5

Appendix B: Boring Logs

SESI CONSULTING ENGINEERS

PROJECT NAME:	70 Westchester Ave	GEOPROBE NO.	**S-1**
LOCATION:	White Plains, NY	JOB NO.	11444
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: Aarco (Jose)	DATE STARTED:	9/10/20	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	9/10/20	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0			0				0
							3.2
	32	1		3		FILL: Gray-brown coarse to fine SAND, some coarse to fine Gravel with fragments of brick, asphalt, concrete	4.1
			3				10.2
5					S-1 (4.5-5)		18.1
							5.6
							1.9
	38	2					0
					S-1 (8.5-9)	FILL: Gray-brown coarse to fine SAND, little Silt, with fragments of	0
10				10		brick, asphalt, concrete	0
			10				0
							0
	42	3		13		FILL: Gray-brown coarse to fine SAND, little coarse to fine Gravel with fragments of brick, concrete, asphalt	0
			13				0
15							0
							0
						Brown coarse to fine SAND, some coarse to fine Gravel with weathered rock	0
	32	4		18			0
						Boring Complete at 18 Feet BGS (Refusal)	
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

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

FIGURE 1

SESI CONSULTING ENGINEERS

PROJECT NAME:	70 Westchester Ave	GEOPROBE NO.	**S-2**
LOCATION:	White Plains, NY	JOB NO.	11444
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: Aarco (Jose)	DATE STARTED:	9/10/20	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	9/10/20	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0			0				0
							0
	34	1					0
					S-2 (3-3.5)		0
5				5		FILL: Brown coarse to fine SAND, some coarse to fine Gravel with fragments of brick	0
			5				0
							0
	40	2					0
							0
10							0
					S-2 (10.5-11)		0
							0
	44	3		13		Light brown coarse to fine SAND, some Silt	0
			13				0
15							0
							0
							0
	40	4					0
							0
20				20		Brown coarse to fine SAND, little coarse to fine Gravel	0
						Boring Complete at 20 Feet BGS	
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

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

FIGURE 1

SESI CONSULTING ENGINEERS

PROJECT NAME:	70 Westchester Ave	GEOPROBE NO.	**S-3**
LOCATION:	White Plains, NY	JOB NO.	11444
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: Aarco (Jose)	DATE STARTED:	9/10/20	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	9/10/20	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0			0				0
							0
	34	1					0
					S-3 (3.5-4)		0
5				5		FILL: Brown coarse to fine SAND, some coarse to fine Gravel with fragments of brick	0
			5				0
							0
	40	2					0
						Light brown coarse to fine SAND, little Silt, trace coarse to fine Gravel	0
10							0
							0
							0
	44	3		10			0
			10				0
15						Light brown coarse to fine SAND, trace Silt	0
							0
							0
	40	4			S-3 (17.5-18)		0
						(Wet)	0
20				20		Light brown coarse to fine SAND, trace coarse to fine Gravel.	0
						Boring Complete at 20 Feet BGS	
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

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

FIGURE 1

SESI CONSULTING ENGINEERS

PROJECT NAME:	70 Westchester Ave	GEOPROBE NO.	**S-4**
LOCATION:	White Plains, NY	JOB NO.	11444
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: Aarco (Jose)	DATE STARTED:	9/10/20	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	9/10/20	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0			0				0
					S-4 (2.5-3)		0
	38	1					0
							0
5				5		FILL: Brown coarse to fine Sand and Gravel with fragments of brick	0
			5				0
							0
	42	2					1.2
							2.6
10					S-4 (9.5-10)		3.8
							1.1
							0
	48	3		13		Light brown coarse to fine SAND, trace Silt	0
			13				0
15							0
							0
							0
	48	4					0
						(Wet)	0
20				20		Brown coarse to fine SAND, some coarse to fine Gravel.	0
						Boring Complete at 20 Feet BGS	
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

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

FIGURE 1

SESI CONSULTING ENGINEERS

PROJECT NAME:	70 Westchester Ave	GEOPROBE NO.	**S-5**
LOCATION:	White Plains, NY	JOB NO.	11444
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: Aarco (Jose)	DATE STARTED:	9/10/20	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	9/10/20	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0			0				0
							0
	42	1					0
					S-5 (4-4.5)		0
5				5		FILL: Brown coarse to fine Sand and Gravel with fragments of brick	0
			5				0
							0
	40	2			S-5 (7-7.5)		0
							0
10				10		Brown coarse to fine SAND, some Clay	0
			10				0
							0
	44	3		13		Light brown coarse to fine SAND, little Silt	0
			13				0
15							0
							0
							0
	44	4				(Wet)	0
							0
20				20		Brown coarse to fine SAND, trace Silt	0
						Boring Complete at 20 Feet BGS	
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

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

FIGURE 1

SESI CONSULTING ENGINEERS

PROJECT NAME:	70 Westchester Ave	GEOPROBE NO.	**S-6**
LOCATION:	White Plains, NY	JOB NO.	11444
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: Aarco (Jose)	DATE STARTED:	9/11/20	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	9/11/20	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0			0				0
							0
	46	1			S-6 (2-2.5)		0
							0
5				5		FILL: Brown-black coarse to fine SAND, little Silt with fragments of brick and asphalt	0
			5				0
							0
	38	2					0
							0
10							0
							0
							0
	42	3					0
							0
15							0
					S-6 (15.5-16)		0
						(Wet)	0
	40	4					0
							0
20				20		Brown coarse to fine SAND, some coarse to fine Gravel	0
						Boring Complete at 20 Feet BGS	
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

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

FIGURE 1

SESI CONSULTING ENGINEERS

PROJECT NAME:	70 Westchester Ave	GEOPROBE NO.	**S-7**
LOCATION:	White Plains, NY	JOB NO.	11444
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: Aarco (Jose)	DATE STARTED:	9/11/20	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	9/11/20	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0			0				0
					S-7 (1.5-2)		0
	40	1					0
							0
5				5		FILL: Brown-black coarse to fine SAND, some Silt with fragments of brick	0
			5				0
							0
	36	2					0
							0
10				10		Light brown coarse to fine SAND, some coarse to fine Gravel	0
			10				0
							0
	42	3					0
							0
15							0
							0
					S-7 (16.5-17)		0
	44	4				(Wet)	0
							0
20				20		Light brown coarse to fine SAND, trace coarse to fine Gravel	0
						Boring Complete at 20 Feet BGS	
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

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

FIGURE 1

SESI CONSULTING ENGINEERS

PROJECT NAME:	70 Westchester Ave	GEOPROBE NO.	**S-8**
LOCATION:	White Plains, NY	JOB NO.	11444
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: Aarco (Jose)	DATE STARTED:	9/11/20	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	9/11/20	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0			0				0
					S-8 (1.5-2)		0
	44	1					0
							0
5							0
				6		FILL: Brown-black coarse to fine SAND, little Silt	0
			6				0
	34	2			S-8 (7.5-8)		0
							0
10				10		Light brown coarse to fine SAND, some Silt, little Clay	0
			10				0
							0
	38	3			S-8 (12-12.5)		0
						(Wet)	0
15							0
							0
							0
	40	4					0
							0
20				20		Light brown coarse to fine SAND, little Silt	0
						Boring Complete at 20 Feet BGS	
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

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

FIGURE 1

SESI CONSULTING ENGINEERS

PROJECT NAME:	70 Westchester Ave	GEOPROBE NO.	**S-9**
LOCATION:	White Plains, NY	JOB NO.	11444
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: Aarco (Jose)	DATE STARTED:	9/11/20	GROUNDWATER TABLE DEPTH:
INSPECTOR: JCS	DATE COMPLETED:	9/11/20	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0			0				0
							0
	48	1			S-9 (2.5-3)		0
				4		Gravel	0
5			4				0
							0
					S-9 (6.5-7)		0
	40	2		8		Light brown coarse to fine SAND, some Clay, little Silt	0
			8				0
10				10			0
			10				0
							0
	42	3			S-9 (12.5-13)		0
						(Wet)	0
15							0
							0
							0
	44	4					0
							0
20				20		Light brown coarse to fine SAND, little coarse to fine Gravel	0
						Boring Complete at 20 Feet BGS	
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

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

FIGURE 1

SESI CONSULTING ENGINEERS

PROJECT NAME:	70 Westchester Ave	GEOPROBE NO.	**S-10**
LOCATION:	White Plains, NY	JOB NO.	11444
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: Aarco (Jose)	DATE STARTED:	9/14/20	GROUNDWATER TABLE DEPTH:
INSPECTOR: TTK	DATE COMPLETED:	9/14/20	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0			0	0.5		Concrete Slab	0
			0.5		S-10 (1-2)	Light brown coarse to fine SAND, some coarse to fine Gravel, little Silt	0
3	15	1		3			0
			3				0
	0	2					0
6				6		No Recovery	0
			6				0
	10	3					0
9					S-10 (8-9)		0
							0
	18	4				(Wet)	0
12							0
							0
	30	5					0
15				15	S-10 (14-15)	Light brown coarse to fine SAND, some coarse to fine Gravel, trace Silt	0
						Boring Complete at 15 Feet BGS	
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

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

FIGURE 1

SESI CONSULTING ENGINEERS

PROJECT NAME:	70 Westchester Ave	GEOPROBE NO.	**S-11**
LOCATION:	White Plains, NY	JOB NO.	11444
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: Aarco (Jose)	DATE STARTED:	9/14/20	GROUNDWATER TABLE DEPTH:
INSPECTOR: TTK	DATE COMPLETED:	9/14/20	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0			0	0.5		Concrete Slab	0
			0.5			FILL: Light brown coarse to fine SAND, some coarse to fine Gravel, trace Silt with fragments of brick	0
3	15	1		3	S-11 (2-3)		0
			3				0
	12	2					0
6				6		Light brown coarse to fine SAND, some coarse to fine Gravel	0
			6				0
	14	3					0
9							0
							0
	20	4			S-11 (10-11)		0
12				12		Light brown coarse to fine SAND, some coarse to fine Gravel, trace Silt	0
						Boring Complete at 12 Feet BGS (Refusal)	
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

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

FIGURE 1

SESI CONSULTING ENGINEERS

PROJECT NAME:	70 Westchester Ave	GEOPROBE NO.	**S-12**
LOCATION:	White Plains, NY	JOB NO.	11444
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: Aarco (Jose)	DATE STARTED:	9/14/20	GROUNDWATER TABLE DEPTH:
INSPECTOR: TTK	DATE COMPLETED:	9/14/20	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0			0	0.5		Concrete Slab	0
			0.5				0
3	0	1		3		No Recovery	0
			3				0
	16	2			S-12 (4-5)	Light brown coarse to fine SAND, little coarse to fine Gravel, trace Silt	0
6				6			0
			6				0
	18	3					0
9					S-12 (8-9)		0
							0
	22	4					0
12				12		Light brown coarse to fine SAND, little Silt, trace coarse to fine Gravel	0
						Boring Complete at 12 Feet BGS (Refusal)	
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

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

FIGURE 1

Appendix C: Analytical Summary Tables

Table 4A
Summary of Soil Sample Results
Volatile Organic Compounds
70 Westchester Avenue, White Plains, New York

SAMPLE ID:		USCO	RSCO	RRSCO	S-1 (4.5-5)				S-1 (8.5-9)				S-2 (10.5-11)				S-2 (3-3.5)				S-3 (17.5-18)				S-3 (3.5-4)				S-4 (2.5-3)				S-4 (9.5-10)			
LAB ID:					L2037617-01				L2037617-02				L2037617-04				L2037617-03				L2037617-06				L2037617-05				L2037617-07				L2037617-08			
COLLECTION DATE:					9/10/2020				9/10/2020				9/10/2020				9/10/2020				9/10/2020				9/10/2020				9/10/2020				9/10/2020			
SAMPLE MATRIX:		(mg/kg)	(mg/kg)	(mg/kg)	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
ANALYTE	CAS				Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																																				
Methylene chloride	75-09-2	0.05	51	100	0.002	U	0.0044	0.002	0.0022	U	0.0049	0.0022	0.0022	U	0.0047	0.0022	0.002	U	0.0043	0.002	0.0019	U	0.0042	0.0019	0.0025	U	0.0054	0.0025	0.0025	U	0.0054	0.0025	0.0021	U	0.0045	0.0021
1,1-Dichloroethane	75-34-3	0.27	19	26	0.00013	U	0.00089	0.00013	0.00014	U	0.00098	0.00014	0.00014	U	0.00094	0.00014	0.00012	U	0.00086	0.00012	0.00012	U	0.00084	0.00012	0.00016	U	0.0011	0.00016	0.00016	U	0.0011	0.00016	0.00013	U	0.0009	0.00013
Chloroform	67-66-3	0.37	10	49	0.00012	U	0.0013	0.00012	0.00014	U	0.0015	0.00014	0.00013	U	0.0014	0.00013	0.00012	U	0.0013	0.00012	0.00012	U	0.0013	0.00012	0.00015	U	0.0016	0.00015	0.00015	U	0.0016	0.00015	0.00013	U	0.0014	0.00013
Carbon tetrachloride	56-23-5	0.76	1.4	2.4	0.0002	U	0.00089	0.0002	0.00023	U	0.00098	0.00023	0.00022	U	0.00094	0.00022	0.0002	U	0.00086	0.0002	0.00019	U	0.00084	0.00019	0.00025	U	0.0011	0.00025	0.00025	U	0.0011	0.00025	0.00021	U	0.0009	0.00021
1,2-Dichloropropane	78-87-5				0.00011	U	0.00089	0.00011	0.00012	U	0.00098	0.00012	0.00012	U	0.00094	0.00012	0.00011	U	0.00086	0.00011	0.0001	U	0.00084	0.0001	0.00013	U	0.0011	0.00013	0.00014	U	0.0011	0.00014	0.00011	U	0.0009	0.00011
Dibromochloromethane	124-48-1				0.00012	U	0.00089	0.00012	0.00014	U	0.00098	0.00014	0.00013	U	0.00094	0.00013	0.00012	U	0.00086	0.00012	0.00012	U	0.00084	0.00012	0.00015	U	0.0011	0.00015	0.00015	U	0.0011	0.00015	0.00013	U	0.0009	0.00013
1,1,2-Trichloroethane	79-00-5				0.00024	U	0.00089	0.00024	0.00026	U	0.00098	0.00026	0.00025	U	0.00094	0.00025	0.00023	U	0.00086	0.00023	0.00022	U	0.00084	0.00022	0.00029	U	0.0011	0.00029	0.00029	U	0.0011	0.00029	0.00024	U	0.0009	0.00024
Tetrachloroethene	127-18-4	1.3	5.5	19	0.00017	U	0.00044	0.00017	0.00019	U	0.00049	0.00019	0.00018	U	0.00047	0.00018	0.00017	U	0.00043	0.00017	0.00016	U	0.00042	0.00016	0.00021	U	0.00054	0.00021	0.00021	U	0.00054	0.00021	0.00018	U	0.00045	0.00018
Chlorobenzene	108-90-7	1.1	100	100	0.00011	U	0.00044	0.00011	0.00012	U	0.00049	0.00012	0.00012	U	0.00047	0.00012	0.00011	U	0.00043	0.00011	0.00011	U	0.00042	0.00011	0.00014	U	0.00054	0.00014	0.00014	U	0.00054	0.00014	0.00011	U	0.00045	0.00011
Trichlorofluoromethane	75-69-4				0.00062	U	0.0035	0.00062	0.00068	U	0.0039	0.00068	0.00066	U	0.0038	0.00066	0.0006	U	0.0034	0.0006	0.00058	U	0.0034	0.00058	0.00075	U	0.0043	0.00075	0.00076	U	0.0044	0.00076	0.00063	U	0.0036	0.00063
1,2-Dichloroethane	107-06-2	0.02	2.3	3.1	0.00023	U	0.00089	0.00023	0.00025	U	0.00098	0.00025	0.00024	U	0.00094	0.00024	0.00022	U	0.00086	0.00022	0.00022	U	0.00084	0.00022	0.00028	U	0.0011	0.00028	0.00028	U	0.0011	0.00028	0.00023	U	0.0009	0.00023
1,1,1-Trichloroethane	71-55-6	0.68	100	100	0.00015	U	0.00044	0.00015	0.00016	U	0.00049	0.00016	0.00016	U	0.00047	0.00016	0.00014	U	0.00043	0.00014	0.00014	U	0.00042	0.00014	0.00018	U	0.00054	0.00018	0.00018	U	0.00054	0.00018	0.00015	U	0.00045	0.00015
Bromodichloromethane	75-27-4				0.0001	U	0.00044	0.0001	0.00011	U	0.00049	0.00011	0.0001	U	0.00047	0.0001	0.00009	U	0.00043	0.00009	0.00009	U	0.00042	0.00009	0.00012	U	0.00054	0.00012	0.00012	U	0.00054	0.00012	0.0001	U	0.00045	0.0001
trans-1,3-Dichloropropene	10061-02-6				0.00024	U	0.00089	0.00024	0.00027	U	0.00098	0.00027	0.00026	U	0.00094	0.00026	0.00024	U	0.00086	0.00024	0.00023	U	0.00084	0.00023	0.00029	U	0.0011	0.00029	0.0003	U	0.0011	0.0003	0.00025	U	0.0009	0.00025
cis-1,3-Dichloropropene	10061-01-5				0.00014	U	0.00044	0.00014	0.00016	U	0.00049	0.00016	0.00015	U	0.00047	0.00015	0.00014	U	0.00043	0.00014	0.00013	U	0.00042	0.00013	0.00017	U	0.00054	0.00017	0.00017	U	0.00054	0.00017	0.00014	U	0.00045	0.00014
1,3-Dichloropropene, Total	542-75-6				0.00014	U	0.00044	0.00014	0.00016	U	0.00049	0.00016	0.00015	U	0.00047	0.00015	0.00014	U	0.00043	0.00014	0.00013	U	0.00042	0.00013	0.00017	U	0.00054	0.00017	0.00017	U	0.00054	0.00017	0.00014	U	0.00045	0.00014
1,1-Dichloropropene	563-58-6				0.00014	U	0.00044	0.00014	0.00016	U	0.00049	0.00016	0.00015	U	0.00047	0.00015	0.00014	U	0.00043	0.00014	0.00013	U	0.00042	0.00013	0.00017	U	0.00054	0.00017	0.00017	U	0.00054	0.00017	0.00014	U	0.00045	0.00014
Bromoform	75-25-2				0.00022	U	0.0035	0.00022	0.00024	U	0.0039	0.00024	0.00023	U	0.0038	0.00023	0.00021	U	0.0034	0.00021	0.00021	U	0.0034	0.00021	0.00026	U	0.0043	0.00026	0.00027	U	0.0044	0.00027	0.00022	U	0.0036	0.00022
1,1,2,2-Tetrachloroethane	79-34-5				0.00015	U	0.00044	0.00015	0.00016	U	0.00049	0.00016	0.00016	U	0.00047	0.00016	0.00014	U	0.00043	0.00014	0.00014	U	0.00042	0.00014	0.00018	U	0.00054	0.00018	0.00018	U	0.00054	0.00018	0.00015	U	0.00045	0.00015
Benzene	71-43-2	0.06	2.9	4.8	0.00015	U	0.00044	0.00015	0.00016	U	0.00049	0.00016	0.00016	U	0.00047	0.00016	0.00014	U	0.00043	0.00014	0.00014	U	0.00042	0.00014	0.00018	U	0.00054	0.00018	0.00018	U	0.00054	0.00018	0.00015	U	0.00045	0.00015
Toluene	108-88-3	0.7	100	100	0.00048	U	0.00089	0.00048	0.00054	U	0.00098	0.00054	0.00051	U	0.00094	0.00051	0.00047	U	0.00086	0.00047	0.00046	U	0.00084	0.00046	0.00058	U	0.0011	0.00058	0.00059	U	0.0011	0.00059	0.00049	U	0.0009	0.00049
Ethylbenzene	100-41-4	1	30	41	0.00012	U	0.00089	0.00012	0.00014	U	0.00098	0.00014	0.00013	U	0.00094	0.00013	0.00012	U	0.00086	0.00012	0.00012	U	0.00084	0.00012	0.00015	U	0.0011	0.00015	0.00015	U	0.0011	0.00015	0.00013	U	0.0009	0.00013
Chloromethane	74-87-3				0.00083	U	0.0035	0.00083	0.00092	U	0.0039	0.00092	0.00088	U	0.0038	0.00088	0.00081	U	0.0034	0.00081	0.00078	U	0.0034	0.00078	0.001	U	0.0043	0.001	0.001	U	0.0044	0.001	0.00084	U	0.0036	0.00084
Bromomethane	74-83-9				0.00052	U	0.0018	0.00052	0.00057	U	0.002	0.00057	0.00055	U	0.0019	0.00055	0.0005	U	0.0017	0.0005	0.00049	U	0.0017	0.00049	0.00062	U	0.0022	0.00062	0.00063	U	0.0022	0.00063	0.00052	U	0.0018	0.00052
Vinyl chloride	75-01-4	0.02	0.21	0.9	0.0003	U	0.00089	0.0003	0.00033	U	0.00098	0.00033	0.00032	U	0.00094	0.00032	0.00029	U	0.00086	0.00029	0.00028	U	0.00084	0.00028	0.00036	U	0.0011	0.00036	0.00036	U	0.0011	0.00036	0.0003	U	0.0009	0.0003
Chloroethane	75-00-3				0.0004	U	0.0018	0.0004	0.00044	U	0.002	0.00044	0.00043	U	0.0019	0.00043	0.00039	U	0.0017	0.00039	0.00038	U	0.0017	0.00038	0.00049	U	0.0022	0.00049	0.00049	U	0.0022	0.00049	0.00041	U	0.0018	0.00041
1,1-Dichloroethene	75-35-4	0.33	100	100	0.00021	U	0.00089	0.00021	0.00023	U	0.00098	0.00023	0.00022	U	0.00094	0.00022	0.0002	U	0.00086	0.0002	0.0002	U	0.00084	0.0002	0.00026	U	0.0011	0.00026	0.00026	U	0.0011	0.00026	0.00021	U	0.0009	0.00021
trans-1,2-Dichloroethene	156-60-5	0.19	100	100	0.00012	U	0.0013	0.00012	0.00014	U	0.0015	0.00014	0.00013	U	0.0014	0.00013	0.00012	U	0.0013	0.00012	0.00012	U	0.0013	0.00012	0.00015	U	0.0016	0.00015	0.00015	U	0.0016	0.00015	0.00012	U	0.0014	0.00012
Trichloroethene	79-01-6	0.47	10	21	0.00012	U	0.00044	0.00012	0.00014	U	0.00049	0.00014	0.00013	U	0.00047	0.00013	0.00012	U	0.00043	0.00012	0.00012	U	0.00042	0.00012	0.00015	U	0.00054	0.00015	0.00015	U	0.00054	0.00015	0.00012	U	0.00045	0.00012
1,2-Dichlorobenzene	95-50-1	1.1	100	100	0.00013	U	0.0018	0.00013	0.00014	U	0.002	0.00014	0.00014	U	0.0019	0.00014	0.00012	U	0.0017	0.00012	0.00012	U	0.0017	0.00012	0.00015	U	0.0022	0.00015	0.00016	U	0.0022	0.00016	0.00013	U	0.0018	0.00013
1,3-Dichlorobenzene	541-73-1	2.4	17	49	0.00013	U	0.0018	0.00013	0.00014	U	0.002	0.00014	0.00014	U	0.0019	0.00014	0.00013	U	0.0017	0.00013	0.00012	U	0.0017	0.00012	0.00016	U	0.0022	0.00016	0.00016	U	0.0022	0.00016	0.00013	U	0.0018	0.00013
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	0.00015	U	0.0018	0.00015	0.00017	U	0.002	0.00017	0.00016	U	0.0019	0.00016	0.00015	U	0.0017	0.00015	0.00014	U	0.0017	0.00014	0.00018	U	0.0022	0.00018	0.00019	U	0.0022	0.00019	0.00015	U	0.0018	0.00015
Methyl tert butyl ether	1634-04-4	0.93	62	100	0.00018	U	0.0018	0.00018	0.0002	U	0.002	0.0002	0.00019	U	0.0019	0.00019	0.00017	U	0.0017	0.00017	0.00017	U	0.0017	0.00017	0.00022	U	0.0022	0.00022	0.00022	U	0.0022	0.00022	0.00018	U	0.0018	0.00018
p/m-Xylene	179601-23-1				0.0005	U	0.0018	0.0005	0.00055	U	0.002	0.00055	0.00053	U	0.0019	0.00053	0.00048	U	0.0017	0.00048	0.00047	U	0.0017	0.00047	0.0006	U	0.0022	0.0006	0.00061	U	0.0022	0.00061	0.0005	U	0.0018	0.0005
o-Xylene	95-47-6				0.00026	U	0.00089	0.00026	0.00029	U	0.00098	0.00029	0.00028	U	0.00094	0.00028	0.00025	U	0.00086	0.00025	0.00024	U	0.00084	0.00024	0.00031	U	0.0011	0.00031	0.00032	U	0.0011	0.00032	0.00026	U	0.0009	0.00026
Xylenes, Total	1330-20-7	0.26	100	100	0.00026	U	0.00089	0.00026	0.00029	U	0.00098	0.00029	0.00028	U	0.00094	0.00028	0.00025	U	0.00086	0.00025	0.00024	U	0.00084	0.00024	0.00031	U	0.0011	0.00031	0.00032	U	0.0011	0.00032	0.00026	U	0.0009	0.00026
cis-1,2-Dichloroethene	156-59-2	0.25	59	100	0.00016	U	0.00089	0.00016	0.00017	U	0.00098	0.00017	0.00016	U	0.00094	0.00016	0.00015	U	0.00086	0.00015	0.00015	U	0.00084	0.00015	0.00019	U	0.0011	0.00019	0.00019	U	0.0011	0.00019	0.00016	U	0.0009	0.00016
1,2-Dichloroethene, Total	540-59-0				0.00012	U	0.00089	0.00012	0.00014	U	0.00098	0.00014	0.00013	U	0.00094	0.00013	0.00012	U	0.00086	0.00012	0.00012	U	0.00084	0.00012	0.00015	U	0.0011	0.00015	0.00015	U	0.0011	0.00015	0.00012	U	0.0009	0.00012
Dibromomethane	74-95-3				0.00021	U	0.0018	0.00021	0.00023	U	0.002	0.00023	0.00022	U	0.0019	0.00022	0.0002	U	0.0017	0.0002	0.0002	U	0.0017	0.0002	0.00026	U	0.0022	0.00026	0.00026	U	0.0022	0.00026	0.00021	U	0.0018	0.00021
Styrene	100-42-5				0.00017	U	0.00089	0.00017	0.00019	U	0.00098	0.00019	0.00018	U	0.00094	0.00018	0.00017	U	0.00086	0.00017	0.00016	U	0.00084	0.00016	0.00021	U	0.0011	0.00021	0.00021	U	0.0011	0.00021	0.00018	U	0.0009	0.00018
Dichlorodifluoromethane	75-71-8				0.00081	U	0.0089	0.00081	0.0009	U	0.0098	0.0009	0.00086	U	0.0094	0.00086	0.00079	U	0.0086	0.00079	0.00077	U	0.0084	0.00077	0.00098	U	0.011	0.00098	0.001	U	0.011	0.001	0.00083	U	0.009	0.00083
Acetone	67-64-1	0.05	100	100	**0.03**		0.0089	0.0043	**0.07**		0.0098	0.0047	0.0045	U	0.0094	0.0045	0.0042	U	0.0086	0.0042	0.004	U	0.0084	0.004	0.0052	U	0.011	0.0052	0.0052	U	0.011	0.0052	0.0043	U	0.009	0.0043
Carbon disulfide	75-15-0				0.004	U	0.0089	0.004	0.0045	U	0.0098	0.0045	0.0043	U	0.0094	0.0043	0.0039	U	0.0086	0.0039	0.0038	U	0.0084	0.0038	0.0049	U	0.011	0.0049	0.005	U	0.011	0.005	0.0041	U	0.009	0.0041
2-Butanone	78-93-3	0.12	100	100	**0.0035**	J	0.0089	0.002	**0.012**		0.0098	0.0022	0.0021	U	0.0094	0.0021	0.0019	U	0.0086	0.0019	0.0019	U	0.0084	0.0019	0.0024	U	0.011	0.0024	0.0024	U	0.011	0.0024	0.002	U	0.009	0.002
Vinyl acetate	108-05-4				0.0019	U	0.0089	0.0019	0.0021	U	0.0098	0.0021	0.002	U	0.0094	0.002	0.0018	U	0.0086	0.0018	0.0018	U	0.0084	0.0018	0.0023	U	0.011	0.0023	0.0023	U	0.011	0.0023	0.0019	U	0.009	0.0019
4-Methyl-2-pentanone	108-10-1				0.0011	U	0.0089	0.0011	0.0013	U	0.0098	0.0013	0.0012	U	0.0094	0.0012	0.0011	U	0.0086	0.0011	0.0011	U	0.0084	0.0011	0.0014	U	0.011	0.0014	0.0014	U	0.011	0.0014	0.0012	U	0.009	0.0012
1,2,3-Trichloropropane	96-18-4				0.00011	U	0.0018	0.00011	0.00012	U	0.002	0.00012	0.00012	U	0.0019	0.00012	0.00011	U	0.0017	0.00011	0.00011	U	0.0017	0.00011	0.00014	U	0.0022	0.00014	0.00014	U	0.0022	0.00014	0.00011	U	0.0018	0.00011
2-Hexanone	591-78-6				0.001	U	0.0089	0.001	0.0012	U	0.0098	0.0012	0.0011	U	0.0094	0.0011	0.001	U	0.0086	0.001	0.00099	U	0.0084	0.00099	0.0013	U	0.011	0.0013	0.0013	U	0.011	0.0013	0.0011	U	0.009	0.0011
Bromochloromethane	74-97-5				0.00018	U	0.0018	0.00018	0.0002	U	0.002	0.0002	0.00019	U	0.0019	0.00019	0.00018	U	0.0017	0.00018	0.00017	U	0.0017	0.00017	0.00022	U	0.0022	0.00022	0.00022	U	0.0022	0.00022	0.00018	U	0.0018	0.00018
2,2-Dichloropropane	594-20-7				0.00018	U	0.0018	0.00018	0.0002	U	0.002	0.0002	0.00019	U	0.0019	0.00019	0.00017	U	0.0017	0.00017	0.00017	U	0.0017	0.00017	0.00022	U	0.0022	0.00022	0.00022	U	0.0022	0.00022	0.00018	U	0.0018	0.00018
1,2-Dibromoethane	106-93-4				0.00025	U	0.00089	0.00025	0.00027	U	0.00098	0.00027	0.00026	U	0.00094	0.00026	0.00024	U	0.00086	0.00024	0.00023	U	0.00084	0.00023	0.0003	U	0.0011	0.0003	0.0003	U	0.0011	0.0003	0.00025	U	0.0009	0.00025
1,3-Dichloropropane	142-28-9				0.00015	U	0.0018	0.00015	0.00016	U	0.002	0.00016	0.00016	U	0.0019	0.00016	0.00014	U	0.0017	0.00014	0.00014	U	0.0017	0.00014	0.00018	U	0.0022	0.00018	0.00018	U	0.0022	0.00018	0.00015	U	0.0018	0.00015
1,1,1,2-Tetrachloroethane	630-20-6				0.00012	U	0.00044	0.00012	0.00013	U	0.00049	0.00013	0.00012	U	0.00047	0.00012	0.00011	U	0.00043	0.00011	0.00011	U	0.00042	0.00011	0.00014	U	0.00054	0.00014	0.00014	U	0.00054	0.00014	0.00012	U	0.00045	0.00012
Bromobenzene	108-86-1				0.00013	U	0.0018	0.00013	0.00014	U	0.002	0.00014	0.00014	U	0.0019	0.00014	0.00012	U	0.0017	0.00012	0.00012	U	0.0017	0.00012	0.00016	U	0.0022	0.00016	0.00016	U	0.0022	0.00016	0.00013	U	0.0018	0.00013
n-Butylbenzene	104-51-8	12	100	100	**0.00029**	J	0.00089	0.00015	**0.00025**	J	0.00098	0.00016	0.00016	U	0.00094	0.00016	0.00014	U	0.00086	0.00014	0.00014	U	0.00084	0.00014	0.00018	U	0.0011	0.00018	0.00018	U	0.0011	0.00018	0.00015	U	0.0009	0.00015
sec-Butylbenzene	135-98-8	11	100	100	**0.00027**	J	0.00089	0.00013	**0.0005**	J	0.00098	0.00014	0.00014	U	0.00094	0.00014	0.00013	U	0.00086	0.00013	0.00012	U	0.00084	0.00012	0.00016	U	0.0011	0.00016	0.00016	U	0.0011	0.00016	0.00013	U	0.0009	0.00013
tert-Butylbenzene	98-06-6	5.9	100	100	**0.0001**	J	0.0018	0.0001	0.00012	U	0.002	0.00012	0.00011	U	0.0019	0.00011	0.0001	U	0.0017	0.0001	0.0001	U	0.0017	0.0001	0.00013	U	0.0022	0.00013	0.00013	U	0.0022	0.00013	0.00011	U	0.0018	0.00011
o-Chlorotoluene	95-49-8				0.00017	U	0.0018	0.00017	0.00019	U	0.002	0.00019	0.00018	U	0.0019	0.00018	0.00016	U	0.0017	0.00016	0.00016	U	0.0017	0.00016	0.0002	U	0.0022	0.0002	0.00021	U	0.0022	0.00021	0.00017	U	0.0018	0.00017
p-Chlorotoluene	106-43-4				0.0001	U	0.0018	0.0001	0.00011	U	0.002	0.00011	0.0001	U	0.0019	0.0001	0.00009	U	0.0017	0.00009	0.00009	U	0.0017	0.00009	0.00012	U	0.0022	0.00012	0.00012	U	0.0022	0.00012	0.0001	U	0.0018	0.0001
1,2-Dibromo-3-chloropropane	96-12-8				0.00088	U	0.0027	0.00088	0.00098	U	0.003	0.00098	0.00094	U	0.0028	0.00094	0.00086	U	0.0026	0.00086	0.00084	U	0.0025	0.00084	0.0011	U	0.0032	0.0011	0.0011	U	0.0033	0.0011	0.0009	U	0.0027	0.0009
Hexachlorobutadiene	87-68-3				0.00015	U	0.0035	0.00015	0.00017	U	0.0039	0.00017	0.00016	U	0.0038	0.00016	0.00015	U	0.0034	0.00015	0.00014	U	0.0034	0.00014	0.00018	U	0.0043	0.00018	0.00018	U	0.0044	0.00018	0.00015	U	0.0036	0.00015
Isopropylbenzene	98-82-8				0.0001	U	0.00089	0.0001	**0.00017**	J	0.00098	0.00011	0.0001	U	0.00094	0.0001	0.00009	U	0.00086	0.00009	0.00009	U	0.00084	0.00009	0.00012	U	0.0011	0.00012	0.00012	U	0.0011	0.00012	0.0001	U	0.0009	0.0001
p-Isopropyltoluene	99-87-6				0.0001	U	0.00089	0.0001	**0.0044**		0.00098	0.00011	0.0001	U	0.00094	0.0001	0.00009	U	0.00086	0.00009	0.00009	U	0.00084	0.00009	0.00012	U	0.0011	0.00012	0.00012	U	0.0011	0.00012	0.0001	U	0.0009	0.0001
Naphthalene	91-20-3	12	100	100	0.00058	U	0.0035	0.00058	**0.0013**	J	0.0039	0.00064	0.00061	U	0.0038	0.00061	0.00056	U	0.0034	0.00056	0.00055	U	0.0034	0.00055	0.0007	U	0.0043	0.0007	0.00071	U	0.0044	0.00071	0.00059	U	0.0036	0.00059
Acrylonitrile	107-13-1				0.001	U	0.0035	0.001	0.0011	U	0.0039	0.0011	0.0011	U	0.0038	0.0011	0.00099	U	0.0034	0.00099	0.00097	U	0.0034	0.00097	0.0012	U	0.0043	0.0012	0.0012	U	0.0044	0.0012	0.001	U	0.0036	0.001
n-Propylbenzene	103-65-1	3.9	100	100	0.00015	U	0.00089	0.00015	0.00017	U	0.00098	0.00017	0.00016	U	0.00094	0.00016	0.00015	U	0.00086	0.00015	0.00014	U	0.00084	0.00014	0.00018	U	0.0011	0.00018	0.00019	U	0.0011	0.00019	0.00015	U	0.0009	0.00015
1,2,3-Trichlorobenzene	87-61-6				0.00028	U	0.0018	0.00028	0.00032	U	0.002	0.00032	0.0003	U	0.0019	0.0003	0.00028	U	0.0017	0.00028	0.00027	U	0.0017	0.00027	0.00035	U	0.0022	0.00035	0.00035	U	0.0022	0.00035	0.00029	U	0.0018	0.00029
1,2,4-Trichlorobenzene	120-82-1				0.00024	U	0.0018	0.00024	0.00027	U	0.002	0.00027	0.00026	U	0.0019	0.00026	0.00024	U	0.0017	0.00024	0.00023	U	0.0017	0.00023	0.0003	U	0.0022	0.0003	0.0003	U	0.0022	0.0003	0.00024	U	0.0018	0.00024
1,3,5-Trimethylbenzene	108-67-8	8.4	47	52	0.00017	U	0.0018	0.00017	**0.00081**	J	0.002	0.00019	0.00018	U	0.0019	0.00018	0.00017	U	0.0017	0.00017	0.00016	U	0.0017	0.00016	0.00021	U	0.0022	0.00021	0.00021	U	0.0022	0.00021	0.00017	U	0.0018	0.00017
1,2,4-Trimethylbenzene	95-63-6	3.6	47	52	0.0003	U	0.0018	0.0003	**0.0017**	J	0.002	0.00033	0.00032	U	0.0019	0.00032	0.00029	U	0.0017	0.00029	0.00028	U	0.0017	0.00028	0.00036	U	0.0022	0.00036	0.00036	U	0.0022	0.00036	0.0003	U	0.0018	0.0003
1,4-Dioxane	123-91-1	0.1	9.8	13	0.031	U	0.071	0.031	0.034	U	0.079	0.034	0.033	U	0.076	0.033	0.03	U	0.069	0.03	0.03	U	0.067	0.03	0.038	U	0.086	0.038	0.038	U	0.087	0.038	0.032	U	0.072	0.032
p-Diethylbenzene	105-05-5				**0.00021**	J	0.0018	0.00016	**0.0023**		0.002	0.00017	0.00017	U	0.0019	0.00017	0.00015	U	0.0017	0.00015	0.00015	U	0.0017	0.00015	0.00019	U	0.0022	0.00019

Table 4A
Summary of Soil Sample Results
Volatile Organic Compounds
70 Westchester Avenue, White Plains, New York

SAMPLE ID:		USCO	RSCO	RRSCO	S-5 (4.5-5)				S-5 (7-7.5)				S-6 (15.5-16)				S-6 (2-2.5)				S-7 (1.5-2)				S-7 (16.5-17)				S-8 (1-1.5)				S-8 (12-12.5)			
LAB ID:					L2037617-09				L2037617-10				L2037881-02				L2037881-01				L2037881-03				L2037881-04				L2037881-05				L2037881-07			
COLLECTION DATE:					9/10/2020				9/10/2020				9/11/2020				9/11/2020				9/11/2020				9/11/2020				9/11/2020				9/11/2020			
SAMPLE MATRIX:		(mg/kg)	(mg/kg)	(mg/kg)	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
ANALYTE	CAS				Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																																				
Methylene chloride	75-09-2	0.05	51	100	0.0024	U	0.0054	0.0024	0.0025	U	0.0054	0.0025	0.0023	U	0.005	0.0023	0.0026	U	0.0057	0.0026	0.0026	U	0.0056	0.0026	0.0022	U	0.0048	0.0022	0.0019	U	0.0041	0.0019	0.0024	U	0.0054	0.0024
1,1-Dichloroethane	75-34-3	0.27	19	26	0.00016	U	0.0011	0.00016	0.00016	U	0.0011	0.00016	0.00014	U	0.001	0.00014	0.00017	U	0.0011	0.00017	0.00016	U	0.0011	0.00016	0.00014	U	0.00096	0.00014	0.00012	U	0.00082	0.00012	0.00016	U	0.0011	0.00016
Chloroform	67-66-3	0.37	10	49	0.00015	U	0.0016	0.00015	0.00015	U	0.0016	0.00015	0.00014	U	0.0015	0.00014	0.00016	U	0.0017	0.00016	0.00016	U	0.0017	0.00016	0.00013	U	0.0014	0.00013	0.00011	U	0.0012	0.00011	0.00015	U	0.0016	0.00015
Carbon tetrachloride	56-23-5	0.76	1.4	2.4	0.00025	U	0.0011	0.00025	0.00025	U	0.0011	0.00025	0.00023	U	0.001	0.00023	0.00026	U	0.0011	0.00026	0.00026	U	0.0011	0.00026	0.00022	U	0.00096	0.00022	0.00019	U	0.00082	0.00019	0.00025	U	0.0011	0.00025
1,2-Dichloropropane	78-87-5				0.00013	U	0.0011	0.00013	0.00014	U	0.0011	0.00014	0.00012	U	0.001	0.00012	0.00014	U	0.0011	0.00014	0.00014	U	0.0011	0.00014	0.00012	U	0.00096	0.00012	0.0001	U	0.00082	0.0001	0.00013	U	0.0011	0.00013
Dibromochloromethane	124-48-1				0.00015	U	0.0011	0.00015	0.00015	U	0.0011	0.00015	0.00014	U	0.001	0.00014	0.00016	U	0.0011	0.00016	0.00016	U	0.0011	0.00016	0.00013	U	0.00096	0.00013	0.00011	U	0.00082	0.00011	0.00015	U	0.0011	0.00015
1,1,2-Trichloroethane	79-00-5				0.00028	U	0.0011	0.00028	0.00029	U	0.0011	0.00029	0.00027	U	0.001	0.00027	0.00031	U	0.0011	0.00031	0.0003	U	0.0011	0.0003	0.00026	U	0.00096	0.00026	0.00022	U	0.00082	0.00022	0.00029	U	0.0011	0.00029
Tetrachloroethene	127-18-4	1.3	5.5	19	0.00021	U	0.00054	0.00021	0.00021	U	0.00054	0.00021	0.0002	U	0.0005	0.0002	0.00022	U	0.00057	0.00022	**0.00052**	**J**	0.00056	0.00022	**0.00048**		0.00048	0.00019	0.00016	U	0.00041	0.00016	0.00021	U	0.00054	0.00021
Chlorobenzene	108-90-7	1.1	100	100	0.00014	U	0.00054	0.00014	0.00014	U	0.00054	0.00014	0.00013	U	0.0005	0.00013	0.00015	U	0.00057	0.00015	0.00014	U	0.00056	0.00014	0.00012	U	0.00048	0.00012	0.0001	U	0.00041	0.0001	0.00014	U	0.00054	0.00014
Trichlorofluoromethane	75-69-4				0.00074	U	0.0043	0.00074	0.00075	U	0.0043	0.00075	0.00069	U	0.004	0.00069	0.0008	U	0.0046	0.0008	0.00078	U	0.0045	0.00078	0.00066	U	0.0038	0.00066	0.00057	U	0.0033	0.00057	0.00074	U	0.0043	0.00074
1,2-Dichloroethane	107-06-2	0.02	2.3	3.1	0.00028	U	0.0011	0.00028	0.00028	U	0.0011	0.00028	0.00026	U	0.001	0.00026	0.0003	U	0.0011	0.0003	0.00029	U	0.0011	0.00029	0.00024	U	0.00096	0.00024	0.00021	U	0.00082	0.00021	0.00028	U	0.0011	0.00028
1,1,1-Trichloroethane	71-55-6	0.68	100	100	0.00018	U	0.00054	0.00018	0.00018	U	0.00054	0.00018	0.00017	U	0.0005	0.00017	0.00019	U	0.00057	0.00019	0.00019	U	0.00056	0.00019	0.00016	U	0.00048	0.00016	0.00014	U	0.00041	0.00014	0.00018	U	0.00054	0.00018
Bromodichloromethane	75-27-4				0.00012	U	0.00054	0.00012	0.00012	U	0.00054	0.00012	0.00011	U	0.0005	0.00011	0.00012	U	0.00057	0.00012	0.00012	U	0.00056	0.00012	0.0001	U	0.00048	0.0001	0.00009	U	0.00041	0.00009	0.00012	U	0.00054	0.00012
trans-1,3-Dichloropropene	10061-02-6				0.00029	U	0.0011	0.00029	0.00029	U	0.0011	0.00029	0.00027	U	0.001	0.00027	0.00031	U	0.0011	0.00031	0.0003	U	0.0011	0.0003	0.00026	U	0.00096	0.00026	0.00022	U	0.00082	0.00022	0.00029	U	0.0011	0.00029
cis-1,3-Dichloropropene	10061-01-5				0.00017	U	0.00054	0.00017	0.00017	U	0.00054	0.00017	0.00016	U	0.0005	0.00016	0.00018	U	0.00057	0.00018	0.00018	U	0.00056	0.00018	0.00015	U	0.00048	0.00015	0.00013	U	0.00041	0.00013	0.00017	U	0.00054	0.00017
1,3-Dichloropropene, Total	542-75-6				0.00017	U	0.00054	0.00017	0.00017	U	0.00054	0.00017	0.00016	U	0.0005	0.00016	0.00018	U	0.00057	0.00018	0.00018	U	0.00056	0.00018	0.00015	U	0.00048	0.00015	0.00013	U	0.00041	0.00013	0.00017	U	0.00054	0.00017
1,1-Dichloropropene	563-58-6				0.00017	U	0.00054	0.00017	0.00017	U	0.00054	0.00017	0.00016	U	0.0005	0.00016	0.00018	U	0.00057	0.00018	0.00018	U	0.00056	0.00018	0.00015	U	0.00048	0.00015	0.00013	U	0.00041	0.00013	0.00017	U	0.00054	0.00017
Bromoform	75-25-2				0.00026	U	0.0043	0.00026	0.00026	U	0.0043	0.00026	0.00024	U	0.004	0.00024	0.00028	U	0.0046	0.00028	0.00028	U	0.0045	0.00028	0.00024	U	0.0038	0.00024	0.0002	U	0.0033	0.0002	0.00026	U	0.0043	0.00026
1,1,2,2-Tetrachloroethane	79-34-5				0.00018	U	0.00054	0.00018	0.00018	U	0.00054	0.00018	0.00016	U	0.0005	0.00016	0.00019	U	0.00057	0.00019	0.00018	U	0.00056	0.00018	0.00016	U	0.00048	0.00016	0.00014	U	0.00041	0.00014	0.00018	U	0.00054	0.00018
Benzene	71-43-2	0.06	2.9	4.8	0.00018	U	0.00054	0.00018	0.00018	U	0.00054	0.00018	0.00016	U	0.0005	0.00016	0.00019	U	0.00057	0.00019	0.00018	U	0.00056	0.00018	0.00016	U	0.00048	0.00016	0.00014	U	0.00041	0.00014	0.00018	U	0.00054	0.00018
Toluene	108-88-3	0.7	100	100	0.00058	U	0.0011	0.00058	0.00059	U	0.0011	0.00059	0.00054	U	0.001	0.00054	0.00062	U	0.0011	0.00062	0.00061	U	0.0011	0.00061	0.00052	U	0.00096	0.00052	0.00044	U	0.00082	0.00044	0.00058	U	0.0011	0.00058
Ethylbenzene	100-41-4	1	30	41	0.00015	U	0.0011	0.00015	0.00015	U	0.0011	0.00015	0.00014	U	0.001	0.00014	0.00016	U	0.0011	0.00016	0.00016	U	0.0011	0.00016	0.00013	U	0.00096	0.00013	0.00012	U	0.00082	0.00012	0.00015	U	0.0011	0.00015
Chloromethane	74-87-3				0.001	U	0.0043	0.001	0.001	U	0.0043	0.001	0.00093	U	0.004	0.00093	0.0011	U	0.0046	0.0011	0.001	U	0.0045	0.001	0.00089	U	0.0038	0.00089	0.00076	U	0.0033	0.00076	0.001	U	0.0043	0.001
Bromomethane	74-83-9				0.00062	U	0.0021	0.00062	0.00063	U	0.0022	0.00063	0.00058	U	0.002	0.00058	0.00067	U	0.0023	0.00067	0.00065	U	0.0022	0.00065	0.00056	U	0.0019	0.00056	0.00048	U	0.0016	0.00048	0.00062	U	0.0021	0.00062
Vinyl chloride	75-01-4	0.02	0.21	0.9	0.00036	U	0.0011	0.00036	0.00036	U	0.0011	0.00036	0.00033	U	0.001	0.00033	0.00038	U	0.0011	0.00038	0.00037	U	0.0011	0.00037	0.00032	U	0.00096	0.00032	0.00027	U	0.00082	0.00027	0.00036	U	0.0011	0.00036
Chloroethane	75-00-3				0.00048	U	0.0021	0.00048	0.00049	U	0.0022	0.00049	0.00045	U	0.002	0.00045	0.00052	U	0.0023	0.00052	0.0005	U	0.0022	0.0005	0.00043	U	0.0019	0.00043	0.00037	U	0.0016	0.00037	0.00048	U	0.0021	0.00048
1,1-Dichloroethene	75-35-4	0.33	100	100	0.00025	U	0.0011	0.00025	0.00026	U	0.0011	0.00026	0.00024	U	0.001	0.00024	0.00027	U	0.0011	0.00027	0.00027	U	0.0011	0.00027	0.00023	U	0.00096	0.00023	0.00019	U	0.00082	0.00019	0.00025	U	0.0011	0.00025
trans-1,2-Dichloroethene	156-60-5	0.19	100	100	0.00015	U	0.0016	0.00015	0.00015	U	0.0016	0.00015	0.00014	U	0.0015	0.00014	0.00016	U	0.0017	0.00016	0.00015	U	0.0017	0.00015	0.00013	U	0.0014	0.00013	0.00011	U	0.0012	0.00011	0.00015	U	0.0016	0.00015
Trichloroethene	79-01-6	0.47	10	21	0.00015	U	0.00054	0.00015	0.00015	U	0.00054	0.00015	0.00014	U	0.0005	0.00014	0.00016	U	0.00057	0.00016	0.00015	U	0.00056	0.00015	0.00013	U	0.00048	0.00013	0.00011	U	0.00041	0.00011	0.00015	U	0.00054	0.00015
1,2-Dichlorobenzene	95-50-1	1.1	100	100	0.00015	U	0.0021	0.00015	0.00016	U	0.0022	0.00016	0.00014	U	0.002	0.00014	0.00016	U	0.0023	0.00016	0.00016	U	0.0022	0.00016	0.00014	U	0.0019	0.00014	0.00012	U	0.0016	0.00012	0.00015	U	0.0021	0.00015
1,3-Dichlorobenzene	541-73-1	2.4	17	49	0.00016	U	0.0021	0.00016	0.00016	U	0.0022	0.00016	0.00015	U	0.002	0.00015	0.00017	U	0.0023	0.00017	0.00016	U	0.0022	0.00016	0.00014	U	0.0019	0.00014	0.00012	U	0.0016	0.00012	0.00016	U	0.0021	0.00016
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	0.00018	U	0.0021	0.00018	0.00018	U	0.0022	0.00018	0.00017	U	0.002	0.00017	0.0002	U	0.0023	0.0002	0.00019	U	0.0022	0.00019	0.00016	U	0.0019	0.00016	0.00014	U	0.0016	0.00014	0.00018	U	0.0021	0.00018
Methyl tert butyl ether	1634-04-4	0.93	62	100	0.00022	U	0.0021	0.00022	0.00022	U	0.0022	0.00022	0.0002	U	0.002	0.0002	0.00023	U	0.0023	0.00023	0.00022	U	0.0022	0.00022	0.00019	U	0.0019	0.00019	0.00016	U	0.0016	0.00016	0.00022	U	0.0021	0.00022
p/m-Xylene	179601-23-1				0.0006	U	0.0021	0.0006	0.0006	U	0.0022	0.0006	0.00056	U	0.002	0.00056	0.00064	U	0.0023	0.00064	0.00063	U	0.0022	0.00063	0.00054	U	0.0019	0.00054	0.00046	U	0.0016	0.00046	0.0006	U	0.0021	0.0006
o-Xylene	95-47-6				0.00031	U	0.0011	0.00031	0.00031	U	0.0011	0.00031	0.00029	U	0.001	0.00029	0.00033	U	0.0011	0.00033	0.00032	U	0.0011	0.00032	0.00028	U	0.00096	0.00028	0.00024	U	0.00082	0.00024	0.00031	U	0.0011	0.00031
Xylenes, Total	1330-20-7	0.26	100	100	0.00031	U	0.0011	0.00031	0.00031	U	0.0011	0.00031	0.00029	U	0.001	0.00029	0.00033	U	0.0011	0.00033	0.00032	U	0.0011	0.00032	0.00028	U	0.00096	0.00028	0.00024	U	0.00082	0.00024	0.00031	U	0.0011	0.00031
cis-1,2-Dichloroethene	156-59-2	0.25	59	100	0.00019	U	0.0011	0.00019	0.00019	U	0.0011	0.00019	0.00017	U	0.001	0.00017	0.0002	U	0.0011	0.0002	0.0002	U	0.0011	0.0002	0.00017	U	0.00096	0.00017	0.00014	U	0.00082	0.00014	0.00019	U	0.0011	0.00019
1,2-Dichloroethene, Total	540-59-0				0.00015	U	0.0011	0.00015	0.00015	U	0.0011	0.00015	0.00014	U	0.001	0.00014	0.00016	U	0.0011	0.00016	0.00015	U	0.0011	0.00015	0.00013	U	0.00096	0.00013	0.00011	U	0.00082	0.00011	0.00015	U	0.0011	0.00015
Dibromomethane	74-95-3				0.00025	U	0.0021	0.00025	0.00026	U	0.0022	0.00026	0.00024	U	0.002	0.00024	0.00027	U	0.0023	0.00027	0.00027	U	0.0022	0.00027	0.00023	U	0.0019	0.00023	0.00019	U	0.0016	0.00019	0.00025	U	0.0021	0.00025
Styrene	100-42-5				0.00021	U	0.0011	0.00021	0.00021	U	0.0011	0.00021	**0.00052**	**J**	0.001	0.0002	0.00022	U	0.0011	0.00022	0.00022	U	0.0011	0.00022	0.00019	U	0.00096	0.00019	0.00016	U	0.00082	0.00016	0.00021	U	0.0011	0.00021
Dichlorodifluoromethane	75-71-8				0.00098	U	0.011	0.00098	0.00099	U	0.011	0.00099	0.00091	U	0.01	0.00091	0.001	U	0.011	0.001	0.001	U	0.011	0.001	0.00088	U	0.0096	0.00088	0.00075	U	0.0082	0.00075	0.00098	U	0.011	0.00098
Acetone	67-64-1	0.05	100	100	**0.1**		0.011	0.0052	**0.043**		0.011	0.0052	0.0048	U	0.01	0.0048	0.0055	U	0.011	0.0055	0.0054	U	0.011	0.0054	**0.017**		0.0096	0.0046	**0.005**	**J**	0.0082	0.0039	**0.0062**	**J**	0.011	0.0052
Carbon disulfide	75-15-0				0.0049	U	0.011	0.0049	0.0049	U	0.011	0.0049	0.0045	U	0.01	0.0045	0.0052	U	0.011	0.0052	0.0051	U	0.011	0.0051	0.0044	U	0.0096	0.0044	0.0037	U	0.0082	0.0037	0.0049	U	0.011	0.0049
2-Butanone	78-93-3	0.12	100	100	**0.018**		0.011	0.0024	**0.0043**	**J**	0.011	0.0024	0.0022	U	0.01	0.0022	0.0026	U	0.011	0.0026	0.0025	U	0.011	0.0025	0.0021	U	0.0096	0.0021	0.0018	U	0.0082	0.0018	0.0024	U	0.011	0.0024
Vinyl acetate	108-05-4				0.0023	U	0.011	0.0023	0.0023	U	0.011	0.0023	0.0021	U	0.01	0.0021	0.0025	U	0.011	0.0025	0.0024	U	0.011	0.0024	0.002	U	0.0096	0.002	0.0018	U	0.0082	0.0018	0.0023	U	0.011	0.0023
4-Methyl-2-pentanone	108-10-1				0.0014	U	0.011	0.0014	0.0014	U	0.011	0.0014	0.0013	U	0.01	0.0013	0.0015	U	0.011	0.0015	0.0014	U	0.011	0.0014	0.0012	U	0.0096	0.0012	0.001	U	0.0082	0.001	0.0014	U	0.011	0.0014
1,2,3-Trichloropropane	96-18-4				0.00014	U	0.0021	0.00014	0.00014	U	0.0022	0.00014	0.00013	U	0.002	0.00013	0.00015	U	0.0023	0.00015	0.00014	U	0.0022	0.00014	0.00012	U	0.0019	0.00012	0.0001	U	0.0016	0.0001	0.00014	U	0.0021	0.00014
2-Hexanone	591-78-6				0.0013	U	0.011	0.0013	0.0013	U	0.011	0.0013	0.0012	U	0.01	0.0012	0.0014	U	0.011	0.0014	0.0013	U	0.011	0.0013	0.0011	U	0.0096	0.0011	0.00096	U	0.0082	0.00096	0.0013	U	0.011	0.0013
Bromochloromethane	74-97-5				0.00022	U	0.0021	0.00022	0.00022	U	0.0022	0.00022	0.0002	U	0.002	0.0002	0.00024	U	0.0023	0.00024	0.00023	U	0.0022	0.00023	0.0002	U	0.0019	0.0002	0.00017	U	0.0016	0.00017	0.00022	U	0.0021	0.00022
2,2-Dichloropropane	594-20-7				0.00022	U	0.0021	0.00022	0.00022	U	0.0022	0.00022	0.0002	U	0.002	0.0002	0.00023	U	0.0023	0.00023	0.00022	U	0.0022	0.00022	0.00019	U	0.0019	0.00019	0.00016	U	0.0016	0.00016	0.00022	U	0.0021	0.00022
1,2-Dibromoethane	106-93-4				0.0003	U	0.0011	0.0003	0.0003	U	0.0011	0.0003	0.00028	U	0.001	0.00028	0.00032	U	0.0011	0.00032	0.00031	U	0.0011	0.00031	0.00027	U	0.00096	0.00027	0.00023	U	0.00082	0.00023	0.0003	U	0.0011	0.0003
1,3-Dichloropropane	142-28-9				0.00018	U	0.0021	0.00018	0.00018	U	0.0022	0.00018	0.00017	U	0.002	0.00017	0.00019	U	0.0023	0.00019	0.00019	U	0.0022	0.00019	0.00016	U	0.0019	0.00016	0.00014	U	0.0016	0.00014	0.00018	U	0.0021	0.00018
1,1,1,2-Tetrachloroethane	630-20-6				0.00014	U	0.00054	0.00014	0.00014	U	0.00054	0.00014	0.00013	U	0.0005	0.00013	0.00015	U	0.00057	0.00015	0.00015	U	0.00056	0.00015	0.00013	U	0.00048	0.00013	0.00011	U	0.00041	0.00011	0.00014	U	0.00054	0.00014
Bromobenzene	108-86-1				0.00016	U	0.0021	0.00016	0.00016	U	0.0022	0.00016	0.00014	U	0.002	0.00014	0.00017	U	0.0023	0.00017	0.00016	U	0.0022	0.00016	0.00014	U	0.0019	0.00014	0.00012	U	0.0016	0.00012	0.00016	U	0.0021	0.00016
n-Butylbenzene	104-51-8	12	100	100	0.00018	U	0.0011	0.00018	0.00018	U	0.0011	0.00018	0.00017	U	0.001	0.00017	0.00019	U	0.0011	0.00019	0.00019	U	0.0011	0.00019	0.00016	U	0.00096	0.00016	0.00014	U	0.00082	0.00014	0.00018	U	0.0011	0.00018
sec-Butylbenzene	135-98-8	11	100	100	0.00016	U	0.0011	0.00016	0.00016	U	0.0011	0.00016	0.00014	U	0.001	0.00014	0.00017	U	0.0011	0.00017	0.00016	U	0.0011	0.00016	0.00014	U	0.00096	0.00014	0.00012	U	0.00082	0.00012	0.00016	U	0.0011	0.00016
tert-Butylbenzene	98-06-6	5.9	100	100	0.00013	U	0.0021	0.00013	0.00013	U	0.0022	0.00013	0.00012	U	0.002	0.00012	0.00014	U	0.0023	0.00014	0.00013	U	0.0022	0.00013	0.00011	U	0.0019	0.00011	0.0001	U	0.0016	0.0001	0.00013	U	0.0021	0.00013
o-Chlorotoluene	95-49-8				0.0002	U	0.0021	0.0002	0.00021	U	0.0022	0.00021	0.00019	U	0.002	0.00019	0.00022	U	0.0023	0.00022	0.00021	U	0.0022	0.00021	0.00018	U	0.0019	0.00018	0.00016	U	0.0016	0.00016	0.0002	U	0.0021	0.0002
p-Chlorotoluene	106-43-4				0.00012	U	0.0021	0.00012	0.00012	U	0.0022	0.00012	0.00011	U	0.002	0.00011	0.00012	U	0.0023	0.00012	0.00012	U	0.0022	0.00012	0.0001	U	0.0019	0.0001	0.00009	U	0.0016	0.00009	0.00012	U	0.0021	0.00012
1,2-Dibromo-3-chloropropane	96-12-8				0.0011	U	0.0032	0.0011	0.0011	U	0.0032	0.0011	0.001	U	0.003	0.001	0.0011	U	0.0034	0.0011	0.0011	U	0.0034	0.0011	0.00095	U	0.0029	0.00095	0.00082	U	0.0024	0.00082	0.0011	U	0.0032	0.0011
Hexachlorobutadiene	87-68-3				0.00018	U	0.0043	0.00018	0.00018	U	0.0043	0.00018	0.00017	U	0.004	0.00017	0.00019	U	0.0046	0.00019	0.00019	U	0.0045	0.00019	0.00016	U	0.0038	0.00016	0.00014	U	0.0033	0.00014	0.00018	U	0.0043	0.00018
Isopropylbenzene	98-82-8				0.00012	U	0.0011	0.00012	0.00012	U	0.0011	0.00012	0.00011	U	0.001	0.00011	0.00012	U	0.0011	0.00012	0.00012	U	0.0011	0.00012	0.0001	U	0.00096	0.0001	0.00009	U	0.00082	0.00009	0.00012	U	0.0011	0.00012
p-Isopropyltoluene	99-87-6				0.00012	U	0.0011	0.00012	0.00012	U	0.0011	0.00012	0.00011	U	0.001	0.00011	0.00012	U	0.0011	0.00012	0.00012	U	0.0011	0.00012	0.0001	U	0.00096	0.0001	0.00009	U	0.00082	0.00009	0.00012	U	0.0011	0.00012
Naphthalene	91-20-3	12	100	100	0.0007	U	0.0043	0.0007	0.0007	U	0.0043	0.0007	0.00065	U	0.004	0.00065	0.00075	U	0.0046	0.00075	0.00073	U	0.0045	0.00073	0.00062	U	0.0038	0.00062	0.00053	U	0.0033	0.00053	0.0007	U	0.0043	0.0007
Acrylonitrile	107-13-1				0.0012	U	0.0043	0.0012	0.0012	U	0.0043	0.0012	0.0011	U	0.004	0.0011	0.0013	U	0.0046	0.0013	0.0013	U	0.0045	0.0013	0.0011	U	0.0038	0.0011	0.00094	U	0.0033	0.00094	0.0012	U	0.0043	0.0012
n-Propylbenzene	103-65-1	3.9	100	100	0.00018	U	0.0011	0.00018	0.00018	U	0.0011	0.00018	0.00017	U	0.001	0.00017	0.0002	U	0.0011	0.0002	0.00019	U	0.0011	0.00019	0.00016	U	0.00096	0.00016	0.00014	U	0.00082	0.00014	0.00018	U	0.0011	0.00018
1,2,3-Trichlorobenzene	87-61-6				0.00034	U	0.0021	0.00034	0.00035	U	0.0022	0.00035	0.00032	U	0.002	0.00032	0.00037	U	0.0023	0.00037	0.00036	U	0.0022	0.00036	0.00031	U	0.0019	0.00031	0.00026	U	0.0016	0.00026	0.00034	U	0.0021	0.00034
1,2,4-Trichlorobenzene	120-82-1				0.00029	U	0.0021	0.00029	0.00029	U	0.0022	0.00029	0.00027	U	0.002	0.00027	0.00031	U	0.0023	0.00031	0.0003	U	0.0022	0.0003	0.00026	U	0.0019	0.00026	0.00022	U	0.0016	0.00022	0.00029	U	0.0021	0.00029
1,3,5-Trimethylbenzene	108-67-8	8.4	47	52	0.00021	U	0.0021	0.00021	0.00021	U	0.0022	0.00021	0.00019	U	0.002	0.00019	0.00022	U	0.0023	0.00022	0.00022	U	0.0022	0.00022	0.00018	U	0.0019	0.00018	0.00016	U	0.0016	0.00016	0.00021	U	0.0021	0.00021
1,2,4-Trimethylbenzene	95-63-6	3.6	47	52	0.00036	U	0.0021	0.00036	0.00036	U	0.0022	0.00036	0.00033	U	0.002	0.00033	0.00038	U	0.0023	0.00038	0.00037	U	0.0022	0.00037	0.00032	U	0.0019	0.00032	0.00027	U	0.0016	0.00027	0.00036	U	0.0021	0.00036
1,4-Dioxane	123-91-1	0.1	9.8	13	0.038	U	0.086	0.038	0.038	U	0.086	0.038	0.035	U	0.08	0.035	0.04	U	0.092	0.04	0.039	U	0.089	0.039	0.034	U	0.076	0.034	0.029	U	0.065	0.029	0.038	U	0.086	0.038
p-Diethylbenzene	105-05-5				0.00019	U	0.0021	0.00019	0.00019	U	0.0022	0.00019	0.00018	U	0.002	0.00018	0.0002	U	0.0023	0.0002	0.0002	U	0.0022	0.0002	0.00017	U	0.0019	0.00017	0.00014	U	0.0016	0.00014	0.00019	U

Table 4A
Summary of Soil Sample Results
Volatile Organic Compounds
70 Westchester Avenue, White Plains, New York

SAMPLE ID:		USCO	RSCO	RRSCO	S-8 (7.5-8)				S-9 (12.5-13)				S-9 (2.5-3)				S-9 (6.5-7)				SB-10 (1-2)				SB-10 (14-15)				SB-10 (8-9)				SB-11 (10-11)			
LAB ID:					L2037881-06				L2037881-10				L2037881-08				L2037881-09				L2038294-01				L2038294-03				L2038294-02				L2038294-05			
COLLECTION DATE:					9/11/2020				9/11/2020				9/11/2020				9/11/2020				9/14/2020				9/14/2020				9/14/2020				9/14/2020			
SAMPLE MATRIX:		(mg/kg)	(mg/kg)	(mg/kg)	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
ANALYTE	CAS				Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																																				
Methylene chloride	75-09-2	0.05	51	100	0.0025	U	0.0055	0.0025	**0.0026**	U	0.0057	0.0026	0.0025	U	0.0054	0.0025	0.0022	U	0.0049	0.0022	0.0024	U	0.0052	0.0024	0.0027	U	0.0059	0.0027	0.0023	U	0.0051	0.0023	0.0025	U	0.0056	0.0025
1,1-Dichloroethane	75-34-3	0.27	19	26	0.00016	U	0.0011	0.00016	0.00016	U	0.0011	0.00016	0.00016	U	0.0011	0.00016	0.00014	U	0.00098	0.00014	0.00015	U	0.001	0.00015	0.00017	U	0.0012	0.00017	0.00015	U	0.001	0.00015	0.00016	U	0.0011	0.00016
Chloroform	67-66-3	0.37	10	49	0.00015	U	0.0016	0.00015	0.00016	U	0.0017	0.00016	0.00015	U	0.0016	0.00015	0.00014	U	0.0015	0.00014	0.00014	U	0.0016	0.00014	0.00016	U	0.0018	0.00016	0.00014	U	0.0015	0.00014	0.00016	U	0.0017	0.00016
Carbon tetrachloride	56-23-5	0.76	1.4	2.4	0.00025	U	0.0011	0.00025	0.00026	U	0.0011	0.00026	0.00025	U	0.0011	0.00025	0.00022	U	0.00098	0.00022	0.00024	U	0.001	0.00024	0.00027	U	0.0012	0.00027	0.00023	U	0.001	0.00023	0.00026	U	0.0011	0.00026
1,2-Dichloropropane	78-87-5				0.00014	U	0.0011	0.00014	0.00014	U	0.0011	0.00014	0.00014	U	0.0011	0.00014	0.00012	U	0.00098	0.00012	0.00013	U	0.001	0.00013	0.00015	U	0.0012	0.00015	0.00013	U	0.001	0.00013	0.00014	U	0.0011	0.00014
Dibromochloromethane	124-48-1				0.00015	U	0.0011	0.00015	0.00016	U	0.0011	0.00016	0.00015	U	0.0011	0.00015	0.00014	U	0.00098	0.00014	0.00014	U	0.001	0.00014	0.00016	U	0.0012	0.00016	0.00014	U	0.001	0.00014	0.00016	U	0.0011	0.00016
1,1,2-Trichloroethane	79-00-5				0.00029	U	0.0011	0.00029	0.0003	U	0.0011	0.0003	0.00029	U	0.0011	0.00029	0.00026	U	0.00098	0.00026	0.00028	U	0.001	0.00028	0.00032	U	0.0012	0.00032	0.00027	U	0.001	0.00027	0.0003	U	0.0011	0.0003
Tetrachloroethene	127-18-4	1.3	5.5	19	0.00022	U	0.00055	0.00022	0.00022	U	0.00057	0.00022	0.00021	U	0.00054	0.00021	0.00019	U	0.00049	0.00019	0.0002	U	0.00052	0.0002	0.00023	U	0.00059	0.00023	0.0002	U	0.00051	0.0002	0.00022	U	0.00056	0.00022
Chlorobenzene	108-90-7	1.1	100	100	0.00014	U	0.00055	0.00014	0.00014	U	0.00057	0.00014	0.00014	U	0.00054	0.00014	0.00012	U	0.00049	0.00012	0.00013	U	0.00052	0.00013	0.00015	U	0.00059	0.00015	0.00013	U	0.00051	0.00013	0.00014	U	0.00056	0.00014
Trichlorofluoromethane	75-69-4				0.00076	U	0.0044	0.00076	0.00079	U	0.0045	0.00079	0.00076	U	0.0044	0.00076	0.00068	U	0.0039	0.00068	0.00072	U	0.0042	0.00072	0.00082	U	0.0047	0.00082	0.00071	U	0.0041	0.00071	0.00077	U	0.0044	0.00077
1,2-Dichloroethane	107-06-2	0.02	2.3	3.1	0.00028	U	0.0011	0.00028	0.00029	U	0.0011	0.00029	0.00028	U	0.0011	0.00028	0.00025	U	0.00098	0.00025	0.00027	U	0.001	0.00027	0.0003	U	0.0012	0.0003	0.00026	U	0.001	0.00026	0.00028	U	0.0011	0.00028
1,1,1-Trichloroethane	71-55-6	0.68	100	100	0.00018	U	0.00055	0.00018	0.00019	U	0.00057	0.00019	0.00018	U	0.00054	0.00018	0.00016	U	0.00049	0.00016	0.00017	U	0.00052	0.00017	0.0002	U	0.00059	0.0002	0.00017	U	0.00051	0.00017	0.00018	U	0.00056	0.00018
Bromodichloromethane	75-27-4				0.00012	U	0.00055	0.00012	0.00012	U	0.00057	0.00012	0.00012	U	0.00054	0.00012	0.00011	U	0.00049	0.00011	0.00011	U	0.00052	0.00011	0.00013	U	0.00059	0.00013	0.00011	U	0.00051	0.00011	0.00012	U	0.00056	0.00012
trans-1,3-Dichloropropene	10061-02-6				0.0003	U	0.0011	0.0003	0.00031	U	0.0011	0.00031	0.0003	U	0.0011	0.0003	0.00027	U	0.00098	0.00027	0.00028	U	0.001	0.00028	0.00032	U	0.0012	0.00032	0.00028	U	0.001	0.00028	0.0003	U	0.0011	0.0003
cis-1,3-Dichloropropene	10061-01-5				0.00017	U	0.00055	0.00017	0.00018	U	0.00057	0.00018	0.00017	U	0.00054	0.00017	0.00015	U	0.00049	0.00015	0.00016	U	0.00052	0.00016	0.00019	U	0.00059	0.00019	0.00016	U	0.00051	0.00016	0.00018	U	0.00056	0.00018
1,3-Dichloropropene, Total	542-75-6				0.00017	U	0.00055	0.00017	0.00018	U	0.00057	0.00018	0.00017	U	0.00054	0.00017	0.00015	U	0.00049	0.00015	0.00016	U	0.00052	0.00016	0.00019	U	0.00059	0.00019	0.00016	U	0.00051	0.00016	0.00018	U	0.00056	0.00018
1,1-Dichloropropene	563-58-6				0.00018	U	0.00055	0.00018	0.00018	U	0.00057	0.00018	0.00017	U	0.00054	0.00017	0.00016	U	0.00049	0.00016	0.00016	U	0.00052	0.00016	0.00019	U	0.00059	0.00019	0.00016	U	0.00051	0.00016	0.00018	U	0.00056	0.00018
Bromoform	75-25-2				0.00027	U	0.0044	0.00027	0.00028	U	0.0045	0.00028	0.00027	U	0.0044	0.00027	0.00024	U	0.0039	0.00024	0.00026	U	0.0042	0.00026	0.00029	U	0.0047	0.00029	0.00025	U	0.0041	0.00025	0.00027	U	0.0044	0.00027
1,1,2,2-Tetrachloroethane	79-34-5				0.00018	U	0.00055	0.00018	0.00019	U	0.00057	0.00019	0.00018	U	0.00054	0.00018	0.00016	U	0.00049	0.00016	0.00017	U	0.00052	0.00017	0.0002	U	0.00059	0.0002	0.00017	U	0.00051	0.00017	0.00018	U	0.00056	0.00018
Benzene	71-43-2	0.06	2.9	4.8	0.00018	U	0.00055	0.00018	0.00019	U	0.00057	0.00019	0.00018	U	0.00054	0.00018	0.00016	U	0.00049	0.00016	0.00017	U	0.00052	0.00017	0.0002	U	0.00059	0.0002	0.00017	U	0.00051	0.00017	0.00018	U	0.00056	0.00018
Toluene	108-88-3	0.7	100	100	0.0006	U	0.0011	0.0006	0.00062	U	0.0011	0.00062	0.00059	U	0.0011	0.00059	0.00053	U	0.00098	0.00053	0.00056	U	0.001	0.00056	0.00064	U	0.0012	0.00064	0.00055	U	0.001	0.00055	0.0006	U	0.0011	0.0006
Ethylbenzene	100-41-4	1	30	41	0.00016	U	0.0011	0.00016	0.00016	U	0.0011	0.00016	0.00015	U	0.0011	0.00015	0.00014	U	0.00098	0.00014	0.00015	U	0.001	0.00015	0.00017	U	0.0012	0.00017	0.00014	U	0.001	0.00014	0.00016	U	0.0011	0.00016
Chloromethane	74-87-3				0.001	U	0.0044	0.001	0.001	U	0.0045	0.001	0.001	U	0.0044	0.001	0.00091	U	0.0039	0.00091	0.00097	U	0.0042	0.00097	0.0011	U	0.0047	0.0011	0.00095	U	0.0041	0.00095	0.001	U	0.0044	0.001
Bromomethane	74-83-9				0.00064	U	0.0022	0.00064	0.00066	U	0.0023	0.00066	0.00063	U	0.0022	0.00063	0.00057	U	0.002	0.00057	0.0006	U	0.0021	0.0006	0.00069	U	0.0024	0.00069	0.00059	U	0.002	0.00059	0.00064	U	0.0022	0.00064
Vinyl chloride	75-01-4	0.02	0.21	0.9	0.00037	U	0.0011	0.00037	0.00038	U	0.0011	0.00038	0.00036	U	0.0011	0.00036	0.00033	U	0.00098	0.00033	0.00035	U	0.001	0.00035	0.0004	U	0.0012	0.0004	0.00034	U	0.001	0.00034	0.00037	U	0.0011	0.00037
Chloroethane	75-00-3				0.0005	U	0.0022	0.0005	0.00051	U	0.0023	0.00051	0.00049	U	0.0022	0.00049	0.00044	U	0.002	0.00044	0.00047	U	0.0021	0.00047	0.00054	U	0.0024	0.00054	0.00046	U	0.002	0.00046	0.0005	U	0.0022	0.0005
1,1-Dichloroethene	75-35-4	0.33	100	100	0.00026	U	0.0011	0.00026	0.00027	U	0.0011	0.00027	0.00026	U	0.0011	0.00026	0.00023	U	0.00098	0.00023	0.00025	U	0.001	0.00025	0.00028	U	0.0012	0.00028	0.00024	U	0.001	0.00024	0.00026	U	0.0011	0.00026
trans-1,2-Dichloroethene	156-60-5	0.19	100	100	0.00015	U	0.0016	0.00015	0.00016	U	0.0017	0.00016	0.00015	U	0.0016	0.00015	0.00013	U	0.0015	0.00013	0.00014	U	0.0016	0.00014	0.00016	U	0.0018	0.00016	0.00014	U	0.0015	0.00014	0.00015	U	0.0017	0.00015
Trichloroethene	79-01-6	0.47	10	21	0.00015	U	0.00055	0.00015	0.00016	U	0.00057	0.00016	0.00015	U	0.00054	0.00015	0.00013	U	0.00049	0.00013	0.00014	U	0.00052	0.00014	0.00016	U	0.00059	0.00016	0.00014	U	0.00051	0.00014	0.00015	U	0.00056	0.00015
1,2-Dichlorobenzene	95-50-1	1.1	100	100	0.00016	U	0.0022	0.00016	0.00016	U	0.0023	0.00016	0.00016	U	0.0022	0.00016	0.00014	U	0.002	0.00014	0.00015	U	0.0021	0.00015	0.00017	U	0.0024	0.00017	0.00015	U	0.002	0.00015	0.00016	U	0.0022	0.00016
1,3-Dichlorobenzene	541-73-1	2.4	17	49	0.00016	U	0.0022	0.00016	0.00017	U	0.0023	0.00017	0.00016	U	0.0022	0.00016	0.00014	U	0.002	0.00014	0.00015	U	0.0021	0.00015	0.00018	U	0.0024	0.00018	0.00015	U	0.002	0.00015	0.00016	U	0.0022	0.00016
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	0.00019	U	0.0022	0.00019	0.00019	U	0.0023	0.00019	0.00019	U	0.0022	0.00019	0.00017	U	0.002	0.00017	0.00018	U	0.0021	0.00018	0.0002	U	0.0024	0.0002	0.00017	U	0.002	0.00017	0.00019	U	0.0022	0.00019
Methyl tert butyl ether	1634-04-4	0.93	62	100	0.00022	U	0.0022	0.00022	0.00023	U	0.0023	0.00023	0.00022	U	0.0022	0.00022	0.0002	U	0.002	0.0002	0.00021	U	0.0021	0.00021	0.00024	U	0.0024	0.00024	0.0002	U	0.002	0.0002	0.00022	U	0.0022	0.00022
p/m-Xylene	179601-23-1				0.00062	U	0.0022	0.00062	0.00064	U	0.0023	0.00064	0.00061	U	0.0022	0.00061	0.00055	U	0.002	0.00055	0.00058	U	0.0021	0.00058	0.00066	U	0.0024	0.00066	0.00057	U	0.002	0.00057	0.00062	U	0.0022	0.00062
o-Xylene	95-47-6				0.00032	U	0.0011	0.00032	0.00033	U	0.0011	0.00033	0.00032	U	0.0011	0.00032	0.00028	U	0.00098	0.00028	0.0003	U	0.001	0.0003	0.00034	U	0.0012	0.00034	0.0003	U	0.001	0.0003	0.00032	U	0.0011	0.00032
Xylenes, Total	1330-20-7	0.26	100	100	0.00032	U	0.0011	0.00032	0.00033	U	0.0011	0.00033	0.00032	U	0.0011	0.00032	0.00028	U	0.00098	0.00028	0.0003	U	0.001	0.0003	0.00034	U	0.0012	0.00034	0.0003	U	0.001	0.0003	0.00032	U	0.0011	0.00032
cis-1,2-Dichloroethene	156-59-2	0.25	59	100	0.00019	U	0.0011	0.00019	0.0002	U	0.0011	0.0002	0.00019	U	0.0011	0.00019	0.00017	U	0.00098	0.00017	0.00018	U	0.001	0.00018	0.00021	U	0.0012	0.00021	0.00018	U	0.001	0.00018	0.00019	U	0.0011	0.00019
1,2-Dichloroethene, Total	540-59-0				0.00015	U	0.0011	0.00015	0.00016	U	0.0011	0.00016	0.00015	U	0.0011	0.00015	0.00013	U	0.00098	0.00013	0.00014	U	0.001	0.00014	0.00016	U	0.0012	0.00016	0.00014	U	0.001	0.00014	0.00015	U	0.0011	0.00015
Dibromomethane	74-95-3				0.00026	U	0.0022	0.00026	0.00027	U	0.0023	0.00027	0.00026	U	0.0022	0.00026	0.00023	U	0.002	0.00023	0.00025	U	0.0021	0.00025	0.00028	U	0.0024	0.00028	0.00024	U	0.002	0.00024	0.00026	U	0.0022	0.00026
Styrene	100-42-5				0.00022	U	0.0011	0.00022	0.00022	U	0.0011	0.00022	0.00021	U	0.0011	0.00021	0.00019	U	0.00098	0.00019	0.0002	U	0.001	0.0002	0.00023	U	0.0012	0.00023	0.0002	U	0.001	0.0002	0.00022	U	0.0011	0.00022
Dichlorodifluoromethane	75-71-8				0.001	U	0.011	0.001	0.001	U	0.011	0.001	0.001	U	0.011	0.001	0.0009	U	0.0098	0.0009	0.00095	U	0.01	0.00095	0.0011	U	0.012	0.0011	0.00093	U	0.01	0.00093	0.001	U	0.011	0.001
Acetone	67-64-1	0.05	100	100	0.0053	U	0.011	0.0053	0.0055	U	0.011	0.0055	0.0052	U	0.011	0.0052	0.0047	U	0.0098	0.0047	0.005	U	0.01	0.005	0.0057	U	0.012	0.0057	**0.0069**	**J**	0.01	0.0049	**0.0069**	**J**	0.011	0.0053
Carbon disulfide	75-15-0				0.005	U	0.011	0.005	0.0052	U	0.011	0.0052	0.0049	U	0.011	0.0049	0.0044	U	0.0098	0.0044	0.0047	U	0.01	0.0047	0.0054	U	0.012	0.0054	0.0046	U	0.01	0.0046	0.005	U	0.011	0.005
2-Butanone	78-93-3	0.12	100	100	0.0024	U	0.011	0.0024	0.0025	U	0.011	0.0025	0.0024	U	0.011	0.0024	0.0022	U	0.0098	0.0022	0.0023	U	0.01	0.0023	0.0026	U	0.012	0.0026	0.0022	U	0.01	0.0022	0.0025	U	0.011	0.0025
Vinyl acetate	108-05-4				0.0024	U	0.011	0.0024	0.0024	U	0.011	0.0024	0.0023	U	0.011	0.0023	0.0021	U	0.0098	0.0021	0.0022	U	0.01	0.0022	0.0025	U	0.012	0.0025	0.0022	U	0.01	0.0022	0.0024	U	0.011	0.0024
4-Methyl-2-pentanone	108-10-1				0.0014	U	0.011	0.0014	0.0014	U	0.011	0.0014	0.0014	U	0.011	0.0014	0.0012	U	0.0098	0.0012	0.0013	U	0.01	0.0013	0.0015	U	0.012	0.0015	0.0013	U	0.01	0.0013	0.0014	U	0.011	0.0014
1,2,3-Trichloropropane	96-18-4				0.00014	U	0.0022	0.00014	0.00014	U	0.0023	0.00014	0.00014	U	0.0022	0.00014	0.00012	U	0.002	0.00012	0.00013	U	0.0021	0.00013	0.00015	U	0.0024	0.00015	0.00013	U	0.002	0.00013	0.00014	U	0.0022	0.00014
2-Hexanone	591-78-6				0.0013	U	0.011	0.0013	0.0013	U	0.011	0.0013	0.0013	U	0.011	0.0013	0.0012	U	0.0098	0.0012	0.0012	U	0.01	0.0012	0.0014	U	0.012	0.0014	0.0012	U	0.01	0.0012	0.0013	U	0.011	0.0013
Bromochloromethane	74-97-5				0.00022	U	0.0022	0.00022	0.00023	U	0.0023	0.00023	0.00022	U	0.0022	0.00022	0.0002	U	0.002	0.0002	0.00021	U	0.0021	0.00021	0.00024	U	0.0024	0.00024	0.00021	U	0.002	0.00021	0.00023	U	0.0022	0.00023
2,2-Dichloropropane	594-20-7				0.00022	U	0.0022	0.00022	0.00023	U	0.0023	0.00023	0.00022	U	0.0022	0.00022	0.0002	U	0.002	0.0002	0.00021	U	0.0021	0.00021	0.00024	U	0.0024	0.00024	0.0002	U	0.002	0.0002	0.00022	U	0.0022	0.00022
1,2-Dibromoethane	106-93-4				0.00031	U	0.0011	0.00031	0.00032	U	0.0011	0.00032	0.0003	U	0.0011	0.0003	0.00027	U	0.00098	0.00027	0.00029	U	0.001	0.00029	0.00033	U	0.0012	0.00033	0.00028	U	0.001	0.00028	0.00031	U	0.0011	0.00031
1,3-Dichloropropane	142-28-9				0.00018	U	0.0022	0.00018	0.00019	U	0.0023	0.00019	0.00018	U	0.0022	0.00018	0.00016	U	0.002	0.00016	0.00017	U	0.0021	0.00017	0.0002	U	0.0024	0.0002	0.00017	U	0.002	0.00017	0.00018	U	0.0022	0.00018
1,1,1,2-Tetrachloroethane	630-20-6				0.00014	U	0.00055	0.00014	0.00015	U	0.00057	0.00015	0.00014	U	0.00054	0.00014	0.00013	U	0.00049	0.00013	0.00014	U	0.00052	0.00014	0.00016	U	0.00059	0.00016	0.00013	U	0.00051	0.00013	0.00015	U	0.00056	0.00015
Bromobenzene	108-86-1				0.00016	U	0.0022	0.00016	0.00016	U	0.0023	0.00016	0.00016	U	0.0022	0.00016	0.00014	U	0.002	0.00014	0.00015	U	0.0021	0.00015	0.00017	U	0.0024	0.00017	0.00015	U	0.002	0.00015	0.00016	U	0.0022	0.00016
n-Butylbenzene	104-51-8	12	100	100	0.00018	U	0.0011	0.00018	0.00019	U	0.0011	0.00019	0.00018	U	0.0011	0.00018	0.00016	U	0.00098	0.00016	0.00017	U	0.001	0.00017	0.0002	U	0.0012	0.0002	0.00017	U	0.001	0.00017	0.00018	U	0.0011	0.00018
sec-Butylbenzene	135-98-8	11	100	100	0.00016	U	0.0011	0.00016	0.00016	U	0.0011	0.00016	0.00016	U	0.0011	0.00016	0.00014	U	0.00098	0.00014	0.00015	U	0.001	0.00015	0.00017	U	0.0012	0.00017	0.00015	U	0.001	0.00015	0.00016	U	0.0011	0.00016
tert-Butylbenzene	98-06-6	5.9	100	100	0.00013	U	0.0022	0.00013	0.00013	U	0.0023	0.00013	0.00013	U	0.0022	0.00013	0.00012	U	0.002	0.00012	0.00012	U	0.0021	0.00012	0.00014	U	0.0024	0.00014	0.00012	U	0.002	0.00012	0.00013	U	0.0022	0.00013
o-Chlorotoluene	95-49-8				0.00021	U	0.0022	0.00021	0.00022	U	0.0023	0.00022	0.00021	U	0.0022	0.00021	0.00019	U	0.002	0.00019	0.0002	U	0.0021	0.0002	0.00023	U	0.0024	0.00023	0.00019	U	0.002	0.00019	0.00021	U	0.0022	0.00021
p-Chlorotoluene	106-43-4				0.00012	U	0.0022	0.00012	0.00012	U	0.0023	0.00012	0.00012	U	0.0022	0.00012	0.0001	U	0.002	0.0001	0.00011	U	0.0021	0.00011	0.00013	U	0.0024	0.00013	0.00011	U	0.002	0.00011	0.00012	U	0.0022	0.00012
1,2-Dibromo-3-chloropropane	96-12-8				0.0011	U	0.0033	0.0011	0.0011	U	0.0034	0.0011	0.0011	U	0.0033	0.0011	0.00098	U	0.0029	0.00098	0.001	U	0.0031	0.001	0.0012	U	0.0036	0.0012	0.001	U	0.003	0.001	0.0011	U	0.0033	0.0011
Hexachlorobutadiene	87-68-3				0.00019	U	0.0044	0.00019	0.00019	U	0.0045	0.00019	0.00018	U	0.0044	0.00018	0.00016	U	0.0039	0.00016	0.00018	U	0.0042	0.00018	0.0002	U	0.0047	0.0002	0.00017	U	0.0041	0.00017	0.00019	U	0.0044	0.00019
Isopropylbenzene	98-82-8				0.00012	U	0.0011	0.00012	0.00012	U	0.0011	0.00012	0.00012	U	0.0011	0.00012	0.00011	U	0.00098	0.00011	0.00011	U	0.001	0.00011	0.00013	U	0.0012	0.00013	0.00011	U	0.001	0.00011	0.00012	U	0.0011	0.00012
p-Isopropyltoluene	99-87-6				0.00012	U	0.0011	0.00012	0.00012	U	0.0011	0.00012	0.00012	U	0.0011	0.00012	0.00011	U	0.00098	0.00011	0.00011	U	0.001	0.00011	0.00013	U	0.0012	0.00013	0.00011	U	0.001	0.00011	0.00012	U	0.0011	0.00012
Naphthalene	91-20-3	12	100	100	0.00072	U	0.0044	0.00072	0.00074	U	0.0045	0.00074	0.00071	U	0.0044	0.00071	0.00064	U	0.0039	0.00064	0.00068	U	0.0042	0.00068	0.00077	U	0.0047	0.00077	0.00066	U	0.0041	0.00066	0.00072	U	0.0044	0.00072
Acrylonitrile	107-13-1				0.0013	U	0.0044	0.0013	0.0013	U	0.0045	0.0013	0.0012	U	0.0044	0.0012	0.0011	U	0.0039	0.0011	0.0012	U	0.0042	0.0012	0.0014	U	0.0047	0.0014	0.0012	U	0.0041	0.0012	0.0013	U	0.0044	0.0013
n-Propylbenzene	103-65-1	3.9	100	100	0.00019	U	0.0011	0.00019	0.00019	U	0.0011	0.00019	0.00019	U	0.0011	0.00019	0.00017	U	0.00098	0.00017	0.00018	U	0.001	0.00018	0.0002	U	0.0012	0.0002	0.00017	U	0.001	0.00017	0.00019	U	0.0011	0.00019
1,2,3-Trichlorobenzene	87-61-6				0.00035	U	0.0022	0.00035	0.00037	U	0.0023	0.00037	0.00035	U	0.0022	0.00035	0.00032	U	0.002	0.00032	0.00034	U	0.0021	0.00034	0.00038	U	0.0024	0.00038	0.00033	U	0.002	0.00033	0.00036	U	0.0022	0.00036
1,2,4-Trichlorobenzene	120-82-1				0.0003	U	0.0022	0.0003	0.00031	U	0.0023	0.00031	0.0003	U	0.0022	0.0003	0.00027	U	0.002	0.00027	0.00028	U	0.0021	0.00028	0.00032	U	0.0024	0.00032	0.00028	U	0.002	0.00028	0.0003	U	0.0022	0.0003
1,3,5-Trimethylbenzene	108-67-8	8.4	47	52	0.00021	U	0.0022	0.00021	0.00022	U	0.0023	0.00022	0.00021	U	0.0022	0.00021	0.00019	U	0.002	0.00019	0.0002	U	0.0021	0.0002	0.00023	U	0.0024	0.00023	0.0002	U	0.002	0.0002	0.00021	U	0.0022	0.00021
1,2,4-Trimethylbenzene	95-63-6	3.6	47	52	0.00037	U	0.0022	0.00037	0.00038	U	0.0023	0.00038	0.00036	U	0.0022	0.00036	0.00033	U	0.002	0.00033	0.00035	U	0.0021	0.00035	0.0004	U	0.0024	0.0004	0.00034	U	0.002	0.00034	0.00037	U	0.0022	0.00037
1,4-Dioxane	123-91-1	0.1	9.8	13	0.039	U	0.088	0.039	0.04	U	0.091	0.04	0.038	U	0.087	0.038	0.034	U	0.078	0.034	0.036	U	0.083	0.036	0.042	U	0.095	0.042	0.036	U	0.081	0.036	0.039	U	0.089	0.039
p-Diethylbenzene	105-05-5				0.00019	U	0.0022	0.00019	0.0002	U	0.0023	0.0002	0.00019	U	0.0022	0.00019	0.00017	U	0.002	0.00017	0.00018	U	0.0021	0.00018	0.00021	U	0.0024	0.00021	0.00018	U	0.002	0.00018	0.0002	U	0.0022	0.0002
p-Ethyltoluene	622-96-8				0.00042	U	0.

Table 4A
Summary of Soil Sample Results
Volatile Organic Compounds
70 Westchester Avenue, White Plains, New York

SAMPLE ID:		USCO	RSCO	RRSCO	SB-11 (2-3)				SB-12 (4-5)				SB-12 (8-9)			
LAB ID:					L2038294-04				L2038294-06				L2038294-07			
COLLECTION DATE:					9/14/2020				9/14/2020				9/14/2020			
SAMPLE MATRIX:		(mg/kg)	(mg/kg)	(mg/kg)	SOIL				SOIL				SOIL			
ANALYTE	CAS				Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																
Methylene chloride	75-09-2	0.05	51	100	0.0028	U	0.006	0.0028	0.0024	U	0.0052	0.0024	0.0027	U	0.0059	0.0027
1,1-Dichloroethane	75-34-3	0.27	19	26	0.00017	U	0.0012	0.00017	0.00015	U	0.001	0.00015	0.00017	U	0.0012	0.00017
Chloroform	67-66-3	0.37	10	49	0.00017	U	0.0018	0.00017	0.00014	U	0.0016	0.00014	0.00016	U	0.0018	0.00016
Carbon tetrachloride	56-23-5	0.76	1.4	2.4	0.00028	U	0.0012	0.00028	0.00024	U	0.001	0.00024	0.00027	U	0.0012	0.00027
1,2-Dichloropropane	78-87-5				0.00015	U	0.0012	0.00015	0.00013	U	0.001	0.00013	0.00015	U	0.0012	0.00015
Dibromochloromethane	124-48-1				0.00017	U	0.0012	0.00017	0.00014	U	0.001	0.00014	0.00016	U	0.0012	0.00016
1,1,2-Trichloroethane	79-00-5				0.00032	U	0.0012	0.00032	0.00028	U	0.001	0.00028	0.00032	U	0.0012	0.00032
Tetrachloroethene	127-18-4	1.3	5.5	19	0.00024	U	0.0006	0.00024	0.0002	U	0.00052	0.0002	0.00023	U	0.00059	0.00023
Chlorobenzene	108-90-7	1.1	100	100	0.00015	U	0.0006	0.00015	0.00013	U	0.00052	0.00013	0.00015	U	0.00059	0.00015
Trichlorofluoromethane	75-69-4				0.00084	U	0.0048	0.00084	0.00072	U	0.0041	0.00072	0.00082	U	0.0047	0.00082
1,2-Dichloroethane	107-06-2	0.02	2.3	3.1	0.00031	U	0.0012	0.00031	0.00027	U	0.001	0.00027	0.0003	U	0.0012	0.0003
1,1,1-Trichloroethane	71-55-6	0.68	100	100	0.0002	U	0.0006	0.0002	0.00017	U	0.00052	0.00017	0.0002	U	0.00059	0.0002
Bromodichloromethane	75-27-4				0.00013	U	0.0006	0.00013	0.00011	U	0.00052	0.00011	0.00013	U	0.00059	0.00013
trans-1,3-Dichloropropene	10061-02-6				0.00033	U	0.0012	0.00033	0.00028	U	0.001	0.00028	0.00032	U	0.0012	0.00032
cis-1,3-Dichloropropene	10061-01-5				0.00019	U	0.0006	0.00019	0.00016	U	0.00052	0.00016	0.00019	U	0.00059	0.00019
1,3-Dichloropropene, Total	542-75-6				0.00019	U	0.0006	0.00019	0.00016	U	0.00052	0.00016	0.00019	U	0.00059	0.00019
1,1-Dichloropropene	563-58-6				0.00019	U	0.0006	0.00019	0.00016	U	0.00052	0.00016	0.00019	U	0.00059	0.00019
Bromoform	75-25-2				0.0003	U	0.0048	0.0003	0.00026	U	0.0041	0.00026	0.00029	U	0.0047	0.00029
1,1,2,2-Tetrachloroethane	79-34-5				0.0002	U	0.0006	0.0002	0.00017	U	0.00052	0.00017	0.0002	U	0.00059	0.0002
Benzene	71-43-2	0.06	2.9	4.8	0.0002	U	0.0006	0.0002	0.00017	U	0.00052	0.00017	0.0002	U	0.00059	0.0002
Toluene	108-88-3	0.7	100	100	0.00065	U	0.0012	0.00065	0.00056	U	0.001	0.00056	0.00064	U	0.0012	0.00064
Ethylbenzene	100-41-4	1	30	41	0.00017	U	0.0012	0.00017	0.00015	U	0.001	0.00015	0.00017	U	0.0012	0.00017
Chloromethane	74-87-3				0.0011	U	0.0048	0.0011	0.00097	U	0.0041	0.00097	0.0011	U	0.0047	0.0011
Bromomethane	74-83-9				0.0007	U	0.0024	0.0007	0.0006	U	0.0021	0.0006	0.00069	U	0.0024	0.00069
Vinyl chloride	75-01-4	0.02	0.21	0.9	0.0004	U	0.0012	0.0004	0.00035	U	0.001	0.00035	0.0004	U	0.0012	0.0004
Chloroethane	75-00-3				0.00054	U	0.0024	0.00054	0.00047	U	0.0021	0.00047	0.00053	U	0.0024	0.00053
1,1-Dichloroethene	75-35-4	0.33	100	100	0.00029	U	0.0012	0.00029	0.00025	U	0.001	0.00025	0.00028	U	0.0012	0.00028
trans-1,2-Dichloroethene	156-60-5	0.19	100	100	0.00016	U	0.0018	0.00016	0.00014	U	0.0016	0.00014	0.00016	U	0.0018	0.00016
Trichloroethene	79-01-6	0.47	10	21	0.00016	U	0.0006	0.00016	0.00014	U	0.00052	0.00014	0.00016	U	0.00059	0.00016
1,2-Dichlorobenzene	95-50-1	1.1	100	100	0.00017	U	0.0024	0.00017	0.00015	U	0.0021	0.00015	0.00017	U	0.0024	0.00017
1,3-Dichlorobenzene	541-73-1	2.4	17	49	0.00018	U	0.0024	0.00018	0.00015	U	0.0021	0.00015	0.00018	U	0.0024	0.00018
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	0.0002	U	0.0024	0.0002	0.00018	U	0.0021	0.00018	0.0002	U	0.0024	0.0002
Methyl tert butyl ether	1634-04-4	0.93	62	100	0.00024	U	0.0024	0.00024	0.00021	U	0.0021	0.00021	0.00024	U	0.0024	0.00024
p/m-Xylene	179601-23-1				0.00067	U	0.0024	0.00067	0.00058	U	0.0021	0.00058	0.00066	U	0.0024	0.00066
o-Xylene	95-47-6				0.00035	U	0.0012	0.00035	0.0003	U	0.001	0.0003	0.00034	U	0.0012	0.00034
Xylenes, Total	1330-20-7	0.26	100	100	0.00035	U	0.0012	0.00035	0.0003	U	0.001	0.0003	0.00034	U	0.0012	0.00034
cis-1,2-Dichloroethene	156-59-2	0.25	59	100	0.00021	U	0.0012	0.00021	0.00018	U	0.001	0.00018	0.00021	U	0.0012	0.00021
1,2-Dichloroethene, Total	540-59-0				0.00016	U	0.0012	0.00016	0.00014	U	0.001	0.00014	0.00016	U	0.0012	0.00016
Dibromomethane	74-95-3				0.00029	U	0.0024	0.00029	0.00025	U	0.0021	0.00025	0.00028	U	0.0024	0.00028
Styrene	100-42-5				0.00024	U	0.0012	0.00024	0.0002	U	0.001	0.0002	0.00023	U	0.0012	0.00023
Dichlorodifluoromethane	75-71-8				0.0011	U	0.012	0.0011	0.00095	U	0.01	0.00095	0.0011	U	0.012	0.0011
Acetone	67-64-1	0.05	100	100	**0.0063**	J	0.012	0.0058	**0.039**		0.01	0.005	**0.048**		0.012	0.0057
Carbon disulfide	75-15-0				0.0055	U	0.012	0.0055	0.0047	U	0.01	0.0047	0.0054	U	0.012	0.0054
2-Butanone	78-93-3	0.12	100	100	0.0027	U	0.012	0.0027	0.0023	U	0.01	0.0023	0.0026	U	0.012	0.0026
Vinyl acetate	108-05-4				0.0026	U	0.012	0.0026	0.0022	U	0.01	0.0022	0.0025	U	0.012	0.0025
4-Methyl-2-pentanone	108-10-1				0.0015	U	0.012	0.0015	0.0013	U	0.01	0.0013	0.0015	U	0.012	0.0015
1,2,3-Trichloropropane	96-18-4				0.00015	U	0.0024	0.00015	0.00013	U	0.0021	0.00013	0.00015	U	0.0024	0.00015
2-Hexanone	591-78-6				0.0014	U	0.012	0.0014	0.0012	U	0.01	0.0012	0.0014	U	0.012	0.0014
Bromochloromethane	74-97-5				0.00025	U	0.0024	0.00025	0.00021	U	0.0021	0.00021	0.00024	U	0.0024	0.00024
2,2-Dichloropropane	594-20-7				0.00024	U	0.0024	0.00024	0.00021	U	0.0021	0.00021	0.00024	U	0.0024	0.00024
1,2-Dibromoethane	106-93-4				0.00034	U	0.0012	0.00034	0.00029	U	0.001	0.00029	0.00033	U	0.0012	0.00033
1,3-Dichloropropane	142-28-9				0.0002	U	0.0024	0.0002	0.00017	U	0.0021	0.00017	0.0002	U	0.0024	0.0002
1,1,1,2-Tetrachloroethane	630-20-6				0.00016	U	0.0006	0.00016	0.00014	U	0.00052	0.00014	0.00016	U	0.00059	0.00016
Bromobenzene	108-86-1				0.00017	U	0.0024	0.00017	0.00015	U	0.0021	0.00015	0.00017	U	0.0024	0.00017
n-Butylbenzene	104-51-8	12	100	100	0.0002	U	0.0012	0.0002	0.00017	U	0.001	0.00017	0.0002	U	0.0012	0.0002
sec-Butylbenzene	135-98-8	11	100	100	0.00018	U	0.0012	0.00018	0.00015	U	0.001	0.00015	0.00017	U	0.0012	0.00017
tert-Butylbenzene	98-06-6	5.9	100	100	0.00014	U	0.0024	0.00014	0.00012	U	0.0021	0.00012	0.00014	U	0.0024	0.00014
o-Chlorotoluene	95-49-8				0.00023	U	0.0024	0.00023	0.0002	U	0.0021	0.0002	0.00023	U	0.0024	0.00023
p-Chlorotoluene	106-43-4				0.00013	U	0.0024	0.00013	0.00011	U	0.0021	0.00011	0.00013	U	0.0024	0.00013
1,2-Dibromo-3-chloropropane	96-12-8				0.0012	U	0.0036	0.0012	0.001	U	0.0031	0.001	0.0012	U	0.0036	0.0012
Hexachlorobutadiene	87-68-3				0.0002	U	0.0048	0.0002	0.00018	U	0.0041	0.00018	0.0002	U	0.0047	0.0002
Isopropylbenzene	98-82-8				0.00013	U	0.0012	0.00013	0.00011	U	0.001	0.00011	0.00013	U	0.0012	0.00013
p-Isopropyltoluene	99-87-6				0.00013	U	0.0012	0.00013	0.00011	U	0.001	0.00011	0.00013	U	0.0012	0.00013
Naphthalene	91-20-3	12	100	100	0.00078	U	0.0048	0.00078	0.00067	U	0.0041	0.00067	0.00077	U	0.0047	0.00077
Acrylonitrile	107-13-1				0.0014	U	0.0048	0.0014	0.0012	U	0.0041	0.0012	0.0014	U	0.0047	0.0014
n-Propylbenzene	103-65-1	3.9	100	100	0.0002	U	0.0012	0.0002	0.00018	U	0.001	0.00018	0.0002	U	0.0012	0.0002
1,2,3-Trichlorobenzene	87-61-6				0.00039	U	0.0024	0.00039	0.00033	U	0.0021	0.00033	0.00038	U	0.0024	0.00038
1,2,4-Trichlorobenzene	120-82-1				0.00033	U	0.0024	0.00033	0.00028	U	0.0021	0.00028	0.00032	U	0.0024	0.00032
1,3,5-Trimethylbenzene	108-67-8	8.4	47	52	0.00023	U	0.0024	0.00023	0.0002	U	0.0021	0.0002	0.00023	U	0.0024	0.00023
1,2,4-Trimethylbenzene	95-63-6	3.6	47	52	0.0004	U	0.0024	0.0004	0.00035	U	0.0021	0.00035	0.0004	U	0.0024	0.0004
1,4-Dioxane	123-91-1	0.1	9.8	13	0.042	U	0.096	0.042	0.036	U	0.083	0.036	0.042	U	0.095	0.042
p-Diethylbenzene	105-05-5				0.00021	U	0.0024	0.00021	0.00018	U	0.0021	0.00018	0.00021	U	0.0024	0.00021
p-Ethyltoluene	622-96-8				0.00046	U	0.0024	0.00046	0.0004	U	0.0021	0.0004	0.00045	U	0.0024	0.00045
1,2,4,5-Tetramethylbenzene	95-93-2				0.00023	U	0.0024	0.00023	0.0002	U	0.0021	0.0002	0.00023	U	0.0024	0.00023
Ethyl ether	60-29-7				0.00041	U	0.0024	0.00041	0.00035	U	0.0021	0.00035	0.0004	U	0.0024	0.0004
trans-1,4-Dichloro-2-butene	110-57-6				0.0017	U	0.006	0.0017	0.0015	U	0.0052	0.0015	0.0017	U	0.0059	0.0017

USCO	Compound Exceeds the Unrestricted Use Soil Cleanup Objectives (USCO)
RSCO	Compound Exceeds the Residential Soil Cleanup Objectives (RSCO)
RRSCO	Compound Exceeds the Retricted Residential Soil Cleanup Objectives (RRSCO)

Table 4A
Summary of Soil Sample Results
Semi-Volatile Organic Compounds
70 Westchester Avenue, White Plains, New York

SAMPLE ID:		USCO	RSCO	RRSCO	S-1 (4.5-5)				S-1 (8.5-9)				S-2 (10.5-11)				S-2 (3-3.5)				S-3 (17.5-18)				S-3 (3.5-4)				S-4 (2.5-3)			
LAB ID:					L2037617-01				L2037617-02				L2037617-04				L2037617-03				L2037617-06				L2037617-05				L2037617-07			
COLLECTION DATE:					9/10/2020				9/10/2020				9/10/2020				9/10/2020				9/10/2020				9/10/2020				9/10/2020			
SAMPLE MATRIX:		(mg/kg)	(mg/kg)	(mg/kg)	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
ANALYTE	**CAS**				**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
SEMIVOLATILE ORGANICS BY GC/MS																																
Acenaphthene	83-32-9	20	100	100	0.02	U	0.15	0.02	**0.02**	**J**	0.16	0.02	0.02	U	0.16	0.02	**0.036**	**J**	0.14	0.018	0.02	U	0.15	0.02	0.023	U	0.17	0.023	0.02	U	0.16	0.02
1,2,4-Trichlorobenzene	120-82-1				0.022	U	0.19	0.022	0.022	U	0.2	0.022	0.022	U	0.19	0.022	0.02	U	0.18	0.02	0.022	U	0.19	0.022	0.025	U	0.22	0.025	0.022	U	0.2	0.022
Hexachlorobenzene	118-74-1	0.33	0.33	1.2	0.021	U	0.11	0.021	0.022	U	0.12	0.022	0.022	U	0.12	0.022	0.02	U	0.1	0.02	0.022	U	0.12	0.022	0.024	U	0.13	0.024	0.022	U	0.12	0.022
Bis(2-chloroethyl)ether	111-44-4				0.026	U	0.17	0.026	0.027	U	0.18	0.027	0.026	U	0.17	0.026	0.024	U	0.16	0.024	0.026	U	0.17	0.026	0.03	U	0.2	0.03	0.027	U	0.18	0.027
2-Chloronaphthalene	91-58-7				0.019	U	0.19	0.019	0.019	U	0.2	0.019	0.019	U	0.19	0.019	0.017	U	0.18	0.017	0.019	U	0.19	0.019	0.022	U	0.22	0.022	0.019	U	0.2	0.019
1,2-Dichlorobenzene	95-50-1	1.1	100	100	0.034	U	0.19	0.034	0.035	U	0.2	0.035	0.035	U	0.19	0.035	0.032	U	0.18	0.032	0.035	U	0.19	0.035	0.039	U	0.22	0.039	0.035	U	0.2	0.035
1,3-Dichlorobenzene	541-73-1	2.4	17	49	0.032	U	0.19	0.032	0.034	U	0.2	0.034	0.033	U	0.19	0.033	0.03	U	0.18	0.03	0.033	U	0.19	0.033	0.038	U	0.22	0.038	0.034	U	0.2	0.034
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	0.033	U	0.19	0.033	0.034	U	0.2	0.034	0.034	U	0.19	0.034	0.031	U	0.18	0.031	0.034	U	0.19	0.034	0.038	U	0.22	0.038	0.034	U	0.2	0.034
3,3'-Dichlorobenzidine	91-94-1				0.05	U	0.19	0.05	0.052	U	0.2	0.052	0.052	U	0.19	0.052	0.047	U	0.18	0.047	0.051	U	0.19	0.051	0.058	U	0.22	0.058	0.052	U	0.2	0.052
2,4-Dinitrotoluene	121-14-2				0.038	U	0.19	0.038	0.039	U	0.2	0.039	0.039	U	0.19	0.039	0.035	U	0.18	0.035	0.039	U	0.19	0.039	0.044	U	0.22	0.044	0.039	U	0.2	0.039
2,6-Dinitrotoluene	606-20-2				0.032	U	0.19	0.032	0.034	U	0.2	0.034	0.033	U	0.19	0.033	0.03	U	0.18	0.03	0.033	U	0.19	0.033	0.037	U	0.22	0.037	0.034	U	0.2	0.034
Fluoranthene	206-44-0	100	100	100	**0.063**	**J**	0.11	0.022	**0.29**		0.12	0.022	0.022	U	0.12	0.022	**0.71**		0.1	0.02	0.022	U	0.12	0.022	**0.3**		0.13	0.025	**0.25**		0.12	0.022
4-Chlorophenyl phenyl ether	7005-72-3				0.02	U	0.19	0.02	0.021	U	0.2	0.021	0.021	U	0.19	0.021	0.019	U	0.18	0.019	0.021	U	0.19	0.021	0.023	U	0.22	0.023	0.021	U	0.2	0.021
4-Bromophenyl phenyl ether	101-55-3				0.029	U	0.19	0.029	0.03	U	0.2	0.03	0.03	U	0.19	0.03	0.027	U	0.18	0.027	0.03	U	0.19	0.03	0.033	U	0.22	0.033	0.03	U	0.2	0.03
Bis(2-chloroisopropyl)ether	108-60-1				0.032	U	0.23	0.032	0.034	U	0.24	0.034	0.033	U	0.23	0.033	0.03	U	0.21	0.03	0.033	U	0.23	0.033	0.037	U	0.26	0.037	0.034	U	0.24	0.034
Bis(2-chloroethoxy)methane	111-91-1				0.019	U	0.2	0.019	0.02	U	0.21	0.02	0.019	U	0.21	0.019	0.018	U	0.19	0.018	0.019	U	0.21	0.019	0.022	U	0.24	0.022	0.02	U	0.21	0.02
Hexachlorobutadiene	87-68-3				0.028	U	0.19	0.028	0.029	U	0.2	0.029	0.028	U	0.19	0.028	0.026	U	0.18	0.026	0.028	U	0.19	0.028	0.032	U	0.22	0.032	0.029	U	0.2	0.029
Hexachlorocyclopentadiene	77-47-4				0.17	U	0.54	0.17	0.18	U	0.56	0.18	0.18	U	0.55	0.18	0.16	U	0.5	0.16	0.18	U	0.55	0.18	0.2	U	0.62	0.2	0.18	U	0.56	0.18
Hexachloroethane	67-72-1				0.03	U	0.15	0.03	0.032	U	0.16	0.032	0.031	U	0.16	0.031	0.028	U	0.14	0.028	0.031	U	0.15	0.031	0.035	U	0.17	0.035	0.032	U	0.16	0.032
Isophorone	78-59-1				0.024	U	0.17	0.024	0.026	U	0.18	0.026	0.025	U	0.17	0.025	0.023	U	0.16	0.023	0.025	U	0.17	0.025	0.028	U	0.2	0.028	0.025	U	0.18	0.025
Naphthalene	91-20-3	12	100	100	0.023	U	0.19	0.023	0.024	U	0.2	0.024	0.024	U	0.19	0.024	0.041	J	0.18	0.021	0.024	U	0.19	0.024	0.026	U	0.22	0.026	**0.034**	**J**	0.2	0.024
Nitrobenzene	98-95-3				0.028	U	0.17	0.028	0.029	U	0.18	0.029	0.029	U	0.17	0.029	0.026	U	0.16	0.026	0.029	U	0.17	0.029	0.032	U	0.2	0.032	0.029	U	0.18	0.029
NDPA/DPA	86-30-6				0.021	U	0.15	0.021	0.022	U	0.16	0.022	0.022	U	0.16	0.022	0.02	U	0.14	0.02	0.022	U	0.15	0.022	0.025	U	0.17	0.025	0.022	U	0.16	0.022
n-Nitrosodi-n-propylamine	621-64-7				0.029	U	0.19	0.029	0.03	U	0.2	0.03	0.03	U	0.19	0.03	0.027	U	0.18	0.027	0.03	U	0.19	0.03	0.034	U	0.22	0.034	0.03	U	0.2	0.03
Bis(2-ethylhexyl)phthalate	117-81-7				0.065	U	0.19	0.065	0.068	U	0.2	0.068	0.067	U	0.19	0.067	**0.22**		0.18	0.061	0.067	U	0.19	0.067	0.076	U	0.22	0.076	0.068	U	0.2	0.068
Butyl benzyl phthalate	85-68-7				0.048	U	0.19	0.048	0.05	U	0.2	0.05	0.049	U	0.19	0.049	**0.091**	**J**	0.18	0.044	0.049	U	0.19	0.049	0.055	U	0.22	0.055	0.049	U	0.2	0.049
Di-n-butylphthalate	84-74-2				0.036	U	0.19	0.036	0.037	U	0.2	0.037	0.037	U	0.19	0.037	0.033	U	0.18	0.033	0.037	U	0.19	0.037	0.041	U	0.22	0.041	0.037	U	0.2	0.037
Di-n-octylphthalate	117-84-0				0.064	U	0.19	0.064	0.067	U	0.2	0.067	0.066	U	0.19	0.066	0.06	U	0.18	0.06	0.066	U	0.19	0.066	0.074	U	0.22	0.074	0.067	U	0.2	0.067
Diethyl phthalate	84-66-2				0.017	U	0.19	0.017	0.018	U	0.2	0.018	0.018	U	0.19	0.018	0.016	U	0.18	0.016	0.018	U	0.19	0.018	0.02	U	0.22	0.02	0.018	U	0.2	0.018
Dimethyl phthalate	131-11-3				0.04	U	0.19	0.04	0.041	U	0.2	0.041	0.041	U	0.19	0.041	0.037	U	0.18	0.037	0.041	U	0.19	0.041	0.046	U	0.22	0.046	0.041	U	0.2	0.041
Benzo(a)anthracene	56-55-3	1	1	1	**0.039**	**J**	0.11	0.021	**0.13**		0.12	0.022	0.022	U	0.12	0.022	**0.43**		0.1	0.02	0.022	U	0.12	0.022	**0.25**		0.13	0.024	**0.26**		0.12	0.022
Benzo(a)pyrene	50-32-8	1	1	1	0.046	U	0.15	0.046	**0.091**	**J**	0.16	0.048	0.047	U	0.16	0.047	**0.33**		0.14	0.043	0.047	U	0.15	0.047	**0.21**		0.17	0.053	**0.2**		0.16	0.048
Benzo(b)fluoranthene	205-99-2	1	1	1	**0.05**	**J**	0.11	0.032	**0.14**		0.12	0.033	0.033	U	0.12	0.033	**0.47**		0.1	0.03	0.032	U	0.12	0.032	**0.29**		0.13	0.037	**0.3**		0.12	0.033
Benzo(k)fluoranthene	207-08-9	0.8	1	3.9	0.03	U	0.11	0.03	**0.033**	**J**	0.12	0.031	0.031	U	0.12	0.031	**0.13**		0.1	0.028	0.031	U	0.12	0.031	**0.082**	**J**	0.13	0.035	**0.082**	**J**	0.12	0.031
Chrysene	218-01-9	1	1	3.9	**0.034**	**J**	0.11	0.02	**0.11**	**J**	0.12	0.02	0.02	U	0.12	0.02	**0.34**		0.1	0.018	0.02	U	0.12	0.02	**0.2**		0.13	0.023	**0.22**		0.12	0.02
Acenaphthylene	208-96-8	100	100	100	0.029	U	0.15	0.029	0.03	U	0.16	0.03	0.03	U	0.16	0.03	**0.059**	**J**	0.14	0.027	0.03	U	0.15	0.03	**0.076**	**J**	0.17	0.034	**0.14**	**J**	0.16	0.03
Anthracene	120-12-7	100	100	100	0.037	U	0.11	0.037	**0.039**	**J**	0.12	0.038	0.038	U	0.12	0.038	**0.11**		0.1	0.034	0.038	U	0.12	0.038	**0.056**	**J**	0.13	0.042	**0.14**		0.12	0.038
Benzo(ghi)perylene	191-24-2	100	100	100	**0.024**	**J**	0.15	0.022	**0.06**	**J**	0.16	0.023	0.023	U	0.16	0.023	**0.22**		0.14	0.021	0.023	U	0.15	0.023	**0.18**		0.17	0.026	**0.16**		0.16	0.023
Fluorene	86-73-7	30	100	100	**0.018**	**J**	0.19	0.018	**0.023**	**J**	0.2	0.019	0.019	U	0.19	0.019	**0.039**	**J**	0.18	0.017	0.019	U	0.19	0.019	0.021	U	0.22	0.021	0.019	U	0.2	0.019
Phenanthrene	85-01-8	100	100	100	**0.031**	**J**	0.11	0.023	**0.15**		0.12	0.024	0.024	U	0.12	0.024	**0.4**		0.1	0.021	0.024	U	0.12	0.024	**0.14**		0.13	0.026	**0.085**	**J**	0.12	0.024
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.022	U	0.11	0.022	0.023	U	0.12	0.023	0.022	U	0.12	0.022	**0.064**	**J**	0.1	0.02	0.022	U	0.12	0.022	**0.043**	**J**	0.13	0.025	**0.043**	**J**	0.12	0.023
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	0.026	U	0.15	0.026	**0.066**	**J**	0.16	0.027	0.027	U	0.16	0.027	**0.24**		0.14	0.024	0.027	U	0.15	0.027	**0.16**	**J**	0.17	0.03	**0.16**		0.16	0.027
Pyrene	129-00-0	100	100	100	**0.06**	**J**	0.11	0.019	**0.23**		0.12	0.02	0.019	U	0.12	0.019	**0.65**		0.1	0.018	0.019	U	0.12	0.019	**0.3**		0.13	0.022	**0.28**		0.12	0.02
Biphenyl	92-52-4				0.044	U	0.43	0.044	0.046	U	0.45	0.046	0.045	U	0.44	0.045	0.041	U	0.4	0.041	0.045	U	0.44	0.045	0.051	U	0.5	0.051	0.046	U	0.45	0.046
4-Chloroaniline	106-47-8				0.034	U	0.19	0.034	0.036	U	0.2	0.036	0.035	U	0.19	0.035	0.032	U	0.18	0.032	0.035	U	0.19	0.035	0.04	U	0.22	0.04	0.036	U	0.2	0.036
2-Nitroaniline	88-74-4				0.036	U	0.19	0.036	0.038	U	0.2	0.038	0.037	U	0.19	0.037	0.034	U	0.18	0.034	0.037	U	0.19	0.037	0.042	U	0.22	0.042	0.038	U	0.2	0.038
3-Nitroaniline	99-09-2				0.036	U	0.19	0.036	0.037	U	0.2	0.037	0.036	U	0.19	0.036	0.033	U	0.18	0.033	0.036	U	0.19	0.036	0.041	U	0.22	0.041	0.037	U	0.2	0.037
4-Nitroaniline	100-01-6				0.078	U	0.19	0.078	0.081	U	0.2	0.081	0.08	U	0.19	0.08	0.073	U	0.18	0.073	0.08	U	0.19	0.08	0.09	U	0.22	0.09	0.081	U	0.2	0.081
Dibenzofuran	132-64-9	7	14	59	0.018	U	0.19	0.018	0.018	U	0.2	0.018	0.018	U	0.19	0.018	**0.028**	**J**	0.18	0.017	0.018	U	0.19	0.018	0.021	U	0.22	0.021	0.018	U	0.2	0.018
2-Methylnaphthalene	91-57-6				0.023	U	0.23	0.023	0.024	U	0.24	0.024	0.023	U	0.23	0.023	**0.031**	**J**	0.21	0.021	0.023	U	0.23	0.023	0.026	U	0.26	0.026	**0.052**	**J**	0.24	0.024
1,2,4,5-Tetrachlorobenzene	95-94-3				0.02	U	0.19	0.02	0.02	U	0.2	0.02	0.02	U	0.19	0.02	0.018	U	0.18	0.018	0.02	U	0.19	0.02	0.023	U	0.22	0.023	0.02	U	0.2	0.02
Acetophenone	98-86-2				0.023	U	0.19	0.023	0.024	U	0.2	0.024	0.024	U	0.19	0.024	**0.036**	**J**	0.18	0.022	0.024	U	0.19	0.024	0.027	U	0.22	0.027	0.024	U	0.2	0.024
2,4,6-Trichlorophenol	88-06-2				0.036	U	0.11	0.036	0.037	U	0.12	0.037	0.037	U	0.12	0.037	0.033	U	0.1	0.033	0.037	U	0.12	0.037	0.041	U	0.13	0.041	0.037	U	0.12	0.037
p-Chloro-m-cresol	59-50-7				0.028	U	0.19	0.028	0.029	U	0.2	0.029	0.029	U	0.19	0.029	0.026	U	0.18	0.026	0.029	U	0.19	0.029	0.032	U	0.22	0.032	0.029	U	0.2	0.029
2-Chlorophenol	95-57-8				0.022	U	0.19	0.022	0.023	U	0.2	0.023	0.023	U	0.19	0.023	0.021	U	0.18	0.021	0.023	U	0.19	0.023	0.026	U	0.22	0.026	0.023	U	0.2	0.023
2,4-Dichlorophenol	120-83-2				0.03	U	0.17	0.03	0.032	U	0.18	0.032	0.031	U	0.17	0.031	0.028	U	0.16	0.028	0.031	U	0.17	0.031	0.035	U	0.2	0.035	0.032	U	0.18	0.032
2,4-Dimethylphenol	105-67-9				0.062	U	0.19	0.062	0.065	U	0.2	0.065	0.064	U	0.19	0.064	0.058	U	0.18	0.058	0.064	U	0.19	0.064	0.072	U	0.22	0.072	0.065	U	0.2	0.065
2-Nitrophenol	88-75-5				0.071	U	0.41	0.071	0.074	U	0.42	0.074	0.073	U	0.42	0.073	0.066	U	0.38	0.066	0.073	U	0.42	0.073	0.082	U	0.47	0.082	0.074	U	0.42	0.074
4-Nitrophenol	100-02-7				0.077	U	0.26	0.077	0.08	U	0.28	0.08	0.079	U	0.27	0.079	0.072	U	0.25	0.072	0.079	U	0.27	0.079	0.089	U	0.3	0.089	0.08	U	0.27	0.08
2,4-Dinitrophenol	51-28-5				0.088	U	0.91	0.088	0.092	U	0.94	0.092	0.09	U	0.93	0.09	0.082	U	0.85	0.082	0.09	U	0.93	0.09	0.1	U	1	0.1	0.091	U	0.94	0.091
4,6-Dinitro-o-cresol	534-52-1				0.091	U	0.49	0.091	0.094	U	0.51	0.094	0.093	U	0.5	0.093	0.085	U	0.46	0.085	0.093	U	0.5	0.093	0.1	U	0.57	0.1	0.094	U	0.51	0.094
Pentachlorophenol	87-86-5	0.8	2.4	6.7	0.042	U	0.15	0.042	0.043	U	0.16	0.043	0.043	U	0.16	0.043	0.039	U	0.14	0.039	0.042	U	0.15	0.042	**0.071**	**J**	0.17	0.048	0.043	U	0.16	0.043
Phenol	108-95-2	0.33	100	100	0.028	U	0.19	0.028	0.03	U	0.2	0.03	0.029	U	0.19	0.029	0.027	U	0.18	0.027	0.029	U	0.19	0.029	0.033	U	0.22	0.033	0.03	U	0.2	0.03
2-Methylphenol	95-48-7	0.33	100	100	0.029	U	0.19	0.029	0.03	U	0.2	0.03	0.03	U	0.19	0.03	0.027	U	0.18	0.027	0.03	U	0.19	0.03	0.034	U	0.22	0.034	0.03	U	0.2	0.03
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	34	100	0.03	U	0.27	0.03	0.031	U	0.28	0.031	0.03	U	0.28	0.03	0.028	U	0.25	0.028	0.03	U	0.28	0.03	0.034	U	0.31	0.034	0.031	U	0.28	0.031
2,4,5-Trichlorophenol	95-95-4				0.036	U	0.19	0.036	0.038	U	0.2	0.038	0.037	U	0.19	0.037	0.034	U	0.18	0.034	0.037	U	0.19	0.037	0.042	U	0.22	0.042	0.038	U	0.2	0.038
Benzoic Acid	65-85-0				0.19	U	0.61	0.19	0.2	U	0.64	0.2	0.2	U	0.63	0.2	**0.3**	**J**	0.57	0.18	0.2	U	0.63	0.2	0.22	U	0.71	0.22	0.2	U	0.64	0.2
Benzyl Alcohol	100-51-6				0.058	U	0.19	0.058	0.06	U	0.2	0.06	0.059	U	0.19	0.059	0.054	U	0.18	0.054	0.059	U	0.19	0.059	0.067	U	0.22	0.067	0.06	U	0.2	0.06
Carbazole	86-74-8				0.018	U	0.19	0.018	**0.031**	**J**	0.2	0.019	0.019	U	0.19	0.019	**0.058**	**J**	0.18	0.017	0.019	U	0.19	0.019	0.021	U	0.22	0.021	**0.032**	**J**	0.2	0.019
1,4-Dioxane	123-91-1	0.1	9.8	13	0.0087	U	0.028	0.0087	0.009	U	0.029	0.009	0.0089	U	0.029	0.0089	0.0081	U	0.026	0.0081	0.0089	U	0.029	0.0089	0.01	U	0.033	0.01	0.009	U	0.029	0.009

USCO Compound Exceeds the Unrestricted Use Soil Cleanup Objectives (USCO)

RSCO Compound Exceeds the Residential Soil Cleanup Objectives (RSCO)

RRSCO Compound Exceeds the Retricted Residential Soil Cleanup Objectives (RRSCO)

Table 4A
Summary of Soil Sample Results
Semi-Volatile Organic Compounds
70 Westchester Avenue, White Plains, New York

SAMPLE ID:					S-4 (9.5-10)				S-5 (4.5-5)				S-5 (7-7.5)				S-6 (15.5-16)				S-6 (2-2.5)				S-7 (1.5-2)				S-7 (16.5-17)			
LAB ID:		USCO	RSCO	RRSCO	L2037617-08				L2037617-09				L2037617-10				L2037881-02				L2037881-01				L2037881-03				L2037881-04			
COLLECTION DATE:					9/10/2020				9/10/2020				9/10/2020				9/11/2020				9/11/2020				9/11/2020				9/11/2020			
SAMPLE MATRIX:		(mg/kg)	(mg/kg)	(mg/kg)	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
ANALYTE	**CAS**				**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
SEMIVOLATILE ORGANICS BY GC/MS																																
Acenaphthene	83-32-9	20	100	100	0.019	U	0.14	0.019	0.02	U	0.15	0.02	0.022	U	0.17	0.022	0.019	U	0.14	0.019	**0.043**	J	0.16	0.021	0.021	U	0.16	0.021	0.019	U	0.15	0.019
1,2,4-Trichlorobenzene	120-82-1				0.021	U	0.18	0.021	0.022	U	0.19	0.022	0.024	U	0.21	0.024	0.021	U	0.18	0.021	0.024	U	0.21	0.024	0.023	U	0.2	0.023	0.021	U	0.18	0.021
Hexachlorobenzene	118-74-1	0.33	0.33	1.2	0.02	U	0.11	0.02	0.021	U	0.11	0.021	0.023	U	0.12	0.023	0.02	U	0.11	0.02	0.023	U	0.12	0.023	0.023	U	0.12	0.023	0.021	U	0.11	0.021
Bis(2-chloroethyl)ether	111-44-4				0.025	U	0.16	0.025	0.026	U	0.17	0.026	0.028	U	0.19	0.028	0.024	U	0.16	0.024	0.028	U	0.19	0.028	0.028	U	0.18	0.028	0.025	U	0.17	0.025
2-Chloronaphthalene	91-58-7				0.018	U	0.18	0.018	0.019	U	0.19	0.019	0.021	U	0.21	0.021	0.018	U	0.18	0.018	0.02	U	0.21	0.02	0.02	U	0.2	0.02	0.018	U	0.18	0.018
1,2-Dichlorobenzene	95-50-1	1.1	100	100	0.033	U	0.18	0.033	0.034	U	0.19	0.034	0.038	U	0.21	0.038	0.032	U	0.18	0.032	0.037	U	0.21	0.037	0.036	U	0.2	0.036	0.033	U	0.18	0.033
1,3-Dichlorobenzene	541-73-1	2.4	17	49	0.031	U	0.18	0.031	0.033	U	0.19	0.033	0.036	U	0.21	0.036	0.031	U	0.18	0.031	0.036	U	0.21	0.036	0.035	U	0.2	0.035	0.032	U	0.18	0.032
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	0.032	U	0.18	0.032	0.033	U	0.19	0.033	0.036	U	0.21	0.036	0.032	U	0.18	0.032	0.036	U	0.21	0.036	0.035	U	0.2	0.035	0.032	U	0.18	0.032
3,3'-Dichlorobenzidine	91-94-1				0.048	U	0.18	0.048	0.05	U	0.19	0.05	0.056	U	0.21	0.056	0.048	U	0.18	0.048	0.055	U	0.21	0.055	0.054	U	0.2	0.054	0.049	U	0.18	0.049
2,4-Dinitrotoluene	121-14-2				0.036	U	0.18	0.036	0.038	U	0.19	0.038	0.042	U	0.21	0.042	0.036	U	0.18	0.036	0.041	U	0.21	0.041	0.041	U	0.2	0.041	0.037	U	0.18	0.037
2,6-Dinitrotoluene	606-20-2				0.031	U	0.18	0.031	0.032	U	0.19	0.032	0.036	U	0.21	0.036	0.031	U	0.18	0.031	0.036	U	0.21	0.036	0.035	U	0.2	0.035	0.032	U	0.18	0.032
Fluoranthene	206-44-0	100	100	100	0.021	U	0.11	0.021	**0.91**		0.11	0.022	0.024	U	0.12	0.024	0.021	U	0.11	0.021	**1.8**		0.12	0.024	**0.028**	J	0.12	0.023	0.021	U	0.11	0.021
4-Chlorophenyl phenyl ether	7005-72-3				0.019	U	0.18	0.019	0.02	U	0.19	0.02	0.022	U	0.21	0.022	0.019	U	0.18	0.019	0.022	U	0.21	0.022	0.022	U	0.2	0.022	0.02	U	0.18	0.02
4-Bromophenyl phenyl ether	101-55-3				0.028	U	0.18	0.028	0.029	U	0.19	0.029	0.032	U	0.21	0.032	0.028	U	0.18	0.028	0.032	U	0.21	0.032	0.031	U	0.2	0.031	0.028	U	0.18	0.028
Bis(2-chloroisopropyl)ether	108-60-1				0.031	U	0.22	0.031	0.032	U	0.23	0.032	0.036	U	0.25	0.036	0.031	U	0.22	0.031	0.035	U	0.25	0.035	0.035	U	0.24	0.035	0.032	U	0.22	0.032
Bis(2-chloroethoxy)methane	111-91-1				0.018	U	0.2	0.018	0.019	U	0.2	0.019	0.021	U	0.22	0.021	0.018	U	0.2	0.018	0.021	U	0.22	0.021	0.02	U	0.22	0.02	0.018	U	0.2	0.018
Hexachlorobutadiene	87-68-3				0.027	U	0.18	0.027	0.028	U	0.19	0.028	0.031	U	0.21	0.031	0.026	U	0.18	0.026	0.03	U	0.21	0.03	0.03	U	0.2	0.03	0.027	U	0.18	0.027
Hexachlorocyclopentadiene	77-47-4				0.16	U	0.52	0.16	0.17	U	0.54	0.17	0.19	U	0.6	0.19	0.16	U	0.52	0.16	0.19	U	0.59	0.19	0.18	U	0.58	0.18	0.17	U	0.53	0.17
Hexachloroethane	67-72-1				0.029	U	0.14	0.029	0.031	U	0.15	0.031	0.034	U	0.17	0.034	0.029	U	0.14	0.029	0.034	U	0.16	0.034	0.033	U	0.16	0.033	0.03	U	0.15	0.03
Isophorone	78-59-1				0.024	U	0.16	0.024	0.025	U	0.17	0.025	0.027	U	0.19	0.027	0.024	U	0.16	0.024	0.027	U	0.19	0.027	0.026	U	0.18	0.026	0.024	U	0.17	0.024
Naphthalene	91-20-3	12	100	100	0.022	U	0.18	0.022	**0.14**	J	0.19	0.023	0.025	U	0.21	0.025	0.022	U	0.18	0.022	**0.074**	J	0.21	0.025	0.025	U	0.2	0.025	0.022	U	0.18	0.022
Nitrobenzene	98-95-3				0.027	U	0.16	0.027	0.028	U	0.17	0.028	0.031	U	0.19	0.031	0.027	U	0.16	0.027	0.031	U	0.19	0.031	0.03	U	0.18	0.03	0.027	U	0.17	0.027
NDPA/DPA	86-30-6				0.021	U	0.14	0.021	0.022	U	0.15	0.022	0.024	U	0.17	0.024	0.021	U	0.14	0.021	0.024	U	0.16	0.024	0.023	U	0.16	0.023	0.021	U	0.15	0.021
n-Nitrosodi-n-propylamine	621-64-7				0.028	U	0.18	0.028	0.029	U	0.19	0.029	0.032	U	0.21	0.032	0.028	U	0.18	0.028	0.032	U	0.21	0.032	0.031	U	0.2	0.031	0.029	U	0.18	0.029
Bis(2-ethylhexyl)phthalate	117-81-7				0.063	U	0.18	0.063	0.066	U	0.19	0.066	0.072	U	0.21	0.072	0.063	U	0.18	0.063	0.072	U	0.21	0.072	0.07	U	0.2	0.07	0.064	U	0.18	0.064
Butyl benzyl phthalate	85-68-7				0.046	U	0.18	0.046	0.048	U	0.19	0.048	0.053	U	0.21	0.053	0.046	U	0.18	0.046	0.052	U	0.21	0.052	0.051	U	0.2	0.051	0.047	U	0.18	0.047
Di-n-butylphthalate	84-74-2				0.034	U	0.18	0.034	0.036	U	0.19	0.036	0.04	U	0.21	0.04	0.034	U	0.18	0.034	0.039	U	0.21	0.039	0.038	U	0.2	0.038	0.035	U	0.18	0.035
Di-n-octylphthalate	117-84-0				0.062	U	0.18	0.062	0.064	U	0.19	0.064	0.071	U	0.21	0.071	0.062	U	0.18	0.062	0.07	U	0.21	0.07	0.069	U	0.2	0.069	0.063	U	0.18	0.063
Diethyl phthalate	84-66-2				0.017	U	0.18	0.017	0.018	U	0.19	0.018	0.019	U	0.21	0.019	0.017	U	0.18	0.017	0.019	U	0.21	0.019	0.019	U	0.2	0.019	0.017	U	0.18	0.017
Dimethyl phthalate	131-11-3				0.038	U	0.18	0.038	0.04	U	0.19	0.04	0.044	U	0.21	0.044	0.038	U	0.18	0.038	0.043	U	0.21	0.043	0.043	U	0.2	0.043	0.039	U	0.18	0.039
Benzo(a)anthracene	56-55-3	1	1	1	0.02	U	0.11	0.02	**1**		0.11	0.021	0.024	U	0.12	0.024	0.02	U	0.11	0.02	**0.87**		0.12	0.023	0.023	U	0.12	0.023	0.021	U	0.11	0.021
Benzo(a)pyrene	50-32-8	1	1	1	0.044	U	0.14	0.044	**1.4**		0.15	0.046	0.051	U	0.17	0.051	0.044	U	0.14	0.044	**1.1**		0.16	0.05	0.05	U	0.16	0.05	0.045	U	0.15	0.045
Benzo(b)fluoranthene	205-99-2	1	1	1	0.031	U	0.11	0.031	**1.9**		0.11	0.032	0.035	U	0.12	0.035	0.03	U	0.11	0.03	**1.2**		0.12	0.035	0.034	U	0.12	0.034	0.031	U	0.11	0.031
Benzo(k)fluoranthene	207-08-9	0.8	1	3.9	0.029	U	0.11	0.029	**0.55**		0.11	0.03	0.033	U	0.12	0.033	0.029	U	0.11	0.029	**0.43**		0.12	0.033	0.032	U	0.12	0.032	0.03	U	0.11	0.03
Chrysene	218-01-9	1	1	3.9	0.019	U	0.11	0.019	**1.2**		0.11	0.02	0.022	U	0.12	0.022	0.019	U	0.11	0.019	**0.89**		0.12	0.022	0.021	U	0.12	0.021	0.019	U	0.11	0.019
Acenaphthylene	208-96-8	100	100	100	0.028	U	0.14	0.028	**0.54**		0.15	0.029	0.032	U	0.17	0.032	0.028	U	0.14	0.028	**0.032**	J	0.16	0.032	0.031	U	0.16	0.031	0.029	U	0.15	0.029
Anthracene	120-12-7	100	100	100	0.035	U	0.11	0.035	**0.19**		0.11	0.037	0.041	U	0.12	0.041	0.035	U	0.11	0.035	**0.18**		0.12	0.04	0.04	U	0.12	0.04	0.036	U	0.11	0.036
Benzo(ghi)perylene	191-24-2	100	100	100	0.021	U	0.14	0.021	**1.4**		0.15	0.022	0.025	U	0.17	0.025	0.021	U	0.14	0.021	**0.65**		0.16	0.024	0.024	U	0.16	0.024	0.022	U	0.15	0.022
Fluorene	86-73-7	30	100	100	0.018	U	0.18	0.018	**0.039**	J	0.19	0.018	0.02	U	0.21	0.02	0.018	U	0.18	0.018	**0.04**	J	0.21	0.02	0.02	U	0.2	0.02	0.018	U	0.18	0.018
Phenanthrene	85-01-8	100	100	100	0.022	U	0.11	0.022	**0.16**		0.11	0.023	0.025	U	0.12	0.025	0.022	U	0.11	0.022	**0.97**		0.12	0.025	0.025	U	0.12	0.025	0.022	U	0.11	0.022
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.021	U	0.11	0.021	**0.27**		0.11	0.022	0.024	U	0.12	0.024	0.021	U	0.11	0.021	**0.14**		0.12	0.024	0.023	U	0.12	0.023	0.021	U	0.11	0.021
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	0.025	U	0.14	0.025	**1.3**		0.15	0.026	0.029	U	0.17	0.029	0.025	U	0.14	0.025	**0.69**		0.16	0.029	0.028	U	0.16	0.028	0.026	U	0.15	0.026
Pyrene	129-00-0	100	100	100	0.018	U	0.11	0.018	**1.3**		0.11	0.019	0.021	U	0.12	0.021	0.018	U	0.11	0.018	**1.7**		0.12	0.02	**0.027**	J	0.12	0.02	0.018	U	0.11	0.018
Biphenyl	92-52-4				0.042	U	0.41	0.042	0.044	U	0.43	0.044	0.048	U	0.48	0.048	0.042	U	0.41	0.042	0.048	U	0.47	0.048	0.047	U	0.46	0.047	0.043	U	0.42	0.043
4-Chloroaniline	106-47-8				0.033	U	0.18	0.033	0.034	U	0.19	0.034	0.038	U	0.21	0.038	0.033	U	0.18	0.033	0.038	U	0.21	0.038	0.037	U	0.2	0.037	0.034	U	0.18	0.034
2-Nitroaniline	88-74-4				0.035	U	0.18	0.035	0.036	U	0.19	0.036	0.04	U	0.21	0.04	0.035	U	0.18	0.035	0.04	U	0.21	0.04	0.039	U	0.2	0.039	0.036	U	0.18	0.036
3-Nitroaniline	99-09-2				0.034	U	0.18	0.034	0.036	U	0.19	0.036	0.039	U	0.21	0.039	0.034	U	0.18	0.034	0.039	U	0.21	0.039	0.038	U	0.2	0.038	0.035	U	0.18	0.035
4-Nitroaniline	100-01-6				0.075	U	0.18	0.075	0.078	U	0.19	0.078	0.087	U	0.21	0.087	0.075	U	0.18	0.075	0.086	U	0.21	0.086	0.084	U	0.2	0.084	0.077	U	0.18	0.077
Dibenzofuran	132-64-9	7	14	59	0.017	U	0.18	0.017	0.02	J	0.19	0.018	0.02	U	0.21	0.02	0.017	U	0.18	0.017	**0.027**	J	0.21	0.02	0.019	U	0.2	0.019	0.018	U	0.18	0.018
2-Methylnaphthalene	91-57-6				0.022	U	0.22	0.022	**0.041**	J	0.23	0.023	0.025	U	0.25	0.025	0.022	U	0.22	0.022	**0.028**	J	0.25	0.025	0.024	U	0.24	0.024	0.022	U	0.22	0.022
1,2,4,5-Tetrachlorobenzene	95-94-3				0.019	U	0.18	0.019	0.02	U	0.19	0.02	0.022	U	0.21	0.022	0.019	U	0.18	0.019	0.022	U	0.21	0.022	0.021	U	0.2	0.021	0.019	U	0.18	0.019
Acetophenone	98-86-2				0.022	U	0.18	0.022	0.023	U	0.19	0.023	0.026	U	0.21	0.026	0.022	U	0.18	0.022	0.026	U	0.21	0.026	0.025	U	0.2	0.025	0.023	U	0.18	0.023
2,4,6-Trichlorophenol	88-06-2				0.034	U	0.11	0.034	0.036	U	0.11	0.036	0.04	U	0.12	0.04	0.034	U	0.11	0.034	0.039	U	0.12	0.039	0.038	U	0.12	0.038	0.035	U	0.11	0.035
p-Chloro-m-cresol	59-50-7				0.027	U	0.18	0.027	0.028	U	0.19	0.028	0.031	U	0.21	0.031	0.027	U	0.18	0.027	0.031	U	0.21	0.031	0.03	U	0.2	0.03	0.028	U	0.18	0.028
2-Chlorophenol	95-57-8				0.022	U	0.18	0.022	0.022	U	0.19	0.022	0.025	U	0.21	0.025	0.021	U	0.18	0.021	0.024	U	0.21	0.024	0.024	U	0.2	0.024	0.022	U	0.18	0.022
2,4-Dichlorophenol	120-83-2				0.029	U	0.16	0.029	0.03	U	0.17	0.03	0.034	U	0.19	0.034	0.029	U	0.16	0.029	0.033	U	0.19	0.033	0.033	U	0.18	0.033	0.03	U	0.17	0.03
2,4-Dimethylphenol	105-67-9				0.06	U	0.18	0.06	0.062	U	0.19	0.062	0.069	U	0.21	0.069	0.06	U	0.18	0.06	0.068	U	0.21	0.068	0.067	U	0.2	0.067	0.061	U	0.18	0.061
2-Nitrophenol	88-75-5				0.068	U	0.39	0.068	0.071	U	0.41	0.071	0.079	U	0.45	0.079	0.068	U	0.39	0.068	0.078	U	0.45	0.078	0.076	U	0.44	0.076	0.07	U	0.4	0.07
4-Nitrophenol	100-02-7				0.074	U	0.25	0.074	0.077	U	0.26	0.077	0.085	U	0.29	0.085	0.074	U	0.25	0.074	0.084	U	0.29	0.084	0.083	U	0.28	0.083	0.076	U	0.26	0.076
2,4-Dinitrophenol	51-28-5				0.085	U	0.87	0.085	0.088	U	0.91	0.088	0.098	U	1	0.098	0.084	U	0.87	0.084	0.096	U	0.99	0.096	0.095	U	0.97	0.095	0.086	U	0.89	0.086
4,6-Dinitro-o-cresol	534-52-1				0.087	U	0.47	0.087	0.091	U	0.49	0.091	0.1	U	0.54	0.1	0.087	U	0.47	0.087	0.099	U	0.54	0.099	0.097	U	0.53	0.097	0.089	U	0.48	0.089
Pentachlorophenol	87-86-5	0.8	2.4	6.7	0.04	U	0.14	0.04	0.042	U	0.15	0.042	0.046	U	0.17	0.046	0.04	U	0.14	0.04	0.046	U	0.16	0.046	0.045	U	0.16	0.045	0.041	U	0.15	0.041
Phenol	108-95-2	0.33	100	100	0.027	U	0.18	0.027	0.029	U	0.19	0.029	0.032	U	0.21	0.032	0.027	U	0.18	0.027	0.031	U	0.21	0.031	0.031	U	0.2	0.031	0.028	U	0.18	0.028
2-Methylphenol	95-48-7	0.33	100	100	0.028	U	0.18	0.028	0.029	U	0.19	0.029	0.032	U	0.21	0.032	0.028	U	0.18	0.028	0.032	U	0.21	0.032	0.031	U	0.2	0.031	0.029	U	0.18	0.029
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	34	100	0.028	U	0.26	0.028	**0.034**	J	0.27	0.03	0.033	U	0.3	0.033	0.028	U	0.26	0.028	0.032	U	0.3	0.032	0.032	U	0.29	0.032	0.029	U	0.27	0.029
2,4,5-Trichlorophenol	95-95-4				0.035	U	0.18	0.035	0.036	U	0.19	0.036	0.04	U	0.21	0.04	0.035	U	0.18	0.035	0.04	U	0.21	0.04	0.039	U	0.2	0.039	0.035	U	0.18	0.035
Benzoic Acid	65-85-0				0.18	U	0.59	0.18	0.19	U	0.61	0.19	0.21	U	0.68	0.21	0.18	U	0.59	0.18	0.21	U	0.67	0.21	0.2	U	0.66	0.2	0.19	U	0.6	0.19
Benzyl Alcohol	100-51-6				0.056	U	0.18	0.056	0.058	U	0.19	0.058	0.064	U	0.21	0.064	0.055	U	0.18	0.055	0.063	U	0.21	0.063	0.062	U	0.2	0.062	0.057	U	0.18	0.057
Carbazole	86-74-8				0.018	U	0.18	0.018	**0.065**	J	0.19	0.018	0.02	U	0.21	0.02	0.018	U	0.18	0.018	**0.08**	J	0.21	0.02	0.02	U	0.2	0.02	0.018	U	0.18	0.018
1,4-Dioxane	123-91-1	0.1	9.8	13	0.0084	U	0.027	0.0084	0.0087	U	0.028	0.0087	0.0096	U	0.031	0.0096	0.0083	U	0.027	0.0083	0.0095	U	0.031	0.0095	0.0093	U	0.03	0.0093	0.0085	U	0.028	0.0085

USCO	Compound Exceeds the Unrestricted Use Soil Cleanup Objectives (USCO)
RSCO	Compound Exceeds the Residential Soil Cleanup Objectives (RSCO)
RRSCO	Compound Exceeds the Retricted Residential Soil Cleanup Objectives (RRSCO)

Table 4A
Summary of Soil Sample Results
Semi-Volatile Organic Compounds
70 Westchester Avenue, White Plains, New York

SAMPLE ID:		USCO	RSCO	RRSCO	S-8 (1-1.5)				S-8 (12-12.5)				S-8 (7.5-8)				S-9 (12.5-13)				S-9 (2.5-3)				S-9 (6.5-7)				SB-10 (1-2)			
LAB ID:					L2037881-05				L2037881-07				L2037881-06				L2037881-10				L2037881-08				L2037881-09				L2038294-01			
COLLECTION DATE:					9/11/2020				9/11/2020				9/11/2020				9/11/2020				9/11/2020				9/11/2020				9/14/2020			
SAMPLE MATRIX:		(mg/kg)	(mg/kg)	(mg/kg)	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
ANALYTE	CAS				Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANICS BY GC/MS																																
Acenaphthene	83-32-9	20	100	100	0.018	U	0.14	0.018	0.02	U	0.16	0.02	0.022	U	0.17	0.022	0.018	U	0.14	0.018	0.02	U	0.15	0.02	0.019	U	0.15	0.019	0.02	U	0.16	0.02
1,2,4-Trichlorobenzene	120-82-1				0.02	U	0.18	0.02	0.023	U	0.2	0.023	0.024	U	0.21	0.024	0.02	U	0.18	0.02	0.022	U	0.19	0.022	0.021	U	0.18	0.021	0.022	U	0.2	0.022
Hexachlorobenzene	118-74-1	0.33	0.33	1.2	0.02	U	0.11	0.02	0.022	U	0.12	0.022	0.023	U	0.12	0.023	0.02	U	0.11	0.02	0.022	U	0.12	0.022	0.02	U	0.11	0.02	0.022	U	0.12	0.022
Bis(2-chloroethyl)ether	111-44-4				0.024	U	0.16	0.024	0.027	U	0.18	0.027	0.028	U	0.19	0.028	0.024	U	0.16	0.024	0.026	U	0.17	0.026	0.025	U	0.16	0.025	0.027	U	0.18	0.027
2-Chloronaphthalene	91-58-7				0.018	U	0.18	0.018	0.02	U	0.2	0.02	0.021	U	0.21	0.021	0.018	U	0.18	0.018	0.019	U	0.19	0.019	0.018	U	0.18	0.018	0.02	U	0.2	0.02
1,2-Dichlorobenzene	95-50-1	1.1	100	100	0.032	U	0.18	0.032	0.036	U	0.2	0.036	0.037	U	0.21	0.037	0.032	U	0.18	0.032	0.034	U	0.19	0.034	0.033	U	0.18	0.033	0.035	U	0.2	0.035
1,3-Dichlorobenzene	541-73-1	2.4	17	49	0.031	U	0.18	0.031	0.034	U	0.2	0.034	0.036	U	0.21	0.036	0.03	U	0.18	0.03	0.033	U	0.19	0.033	0.031	U	0.18	0.031	0.034	U	0.2	0.034
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	0.031	U	0.18	0.031	0.034	U	0.2	0.034	0.036	U	0.21	0.036	0.031	U	0.18	0.031	0.034	U	0.19	0.034	0.032	U	0.18	0.032	0.034	U	0.2	0.034
3,3'-Dichlorobenzidine	91-94-1				0.048	U	0.18	0.048	0.053	U	0.2	0.053	0.056	U	0.21	0.056	0.047	U	0.18	0.047	0.051	U	0.19	0.051	0.049	U	0.18	0.049	0.052	U	0.2	0.052
2,4-Dinitrotoluene	121-14-2				0.036	U	0.18	0.036	0.04	U	0.2	0.04	0.042	U	0.21	0.042	0.035	U	0.18	0.035	0.038	U	0.19	0.038	0.037	U	0.18	0.037	0.039	U	0.2	0.039
2,6-Dinitrotoluene	606-20-2				0.031	U	0.18	0.031	0.034	U	0.2	0.034	0.036	U	0.21	0.036	0.03	U	0.18	0.03	0.033	U	0.19	0.033	0.031	U	0.18	0.031	0.034	U	0.2	0.034
Fluoranthene	206-44-0	100	100	100	0.02	U	0.11	0.02	0.023	U	0.12	0.023	0.024	U	0.12	0.024	0.02	U	0.11	0.02	**0.094**	**J**	0.12	0.022	0.021	U	0.11	0.021	**0.071**	**J**	0.12	0.022
4-Chlorophenyl phenyl ether	7005-72-3				0.019	U	0.18	0.019	0.021	U	0.2	0.021	0.022	U	0.21	0.022	0.019	U	0.18	0.019	0.02	U	0.19	0.02	0.02	U	0.18	0.02	0.021	U	0.2	0.021
4-Bromophenyl phenyl ether	101-55-3				0.027	U	0.18	0.027	0.03	U	0.2	0.03	0.032	U	0.21	0.032	0.027	U	0.18	0.027	0.029	U	0.19	0.029	0.028	U	0.18	0.028	0.03	U	0.2	0.03
Bis(2-chloroisopropyl)ether	108-60-1				0.031	U	0.22	0.031	0.034	U	0.24	0.034	0.036	U	0.25	0.036	0.03	U	0.21	0.03	0.033	U	0.23	0.033	0.031	U	0.22	0.031	0.034	U	0.24	0.034
Bis(2-chloroethoxy)methane	111-91-1				0.018	U	0.19	0.018	0.02	U	0.21	0.02	0.021	U	0.22	0.021	0.018	U	0.19	0.018	0.019	U	0.21	0.019	0.018	U	0.2	0.018	0.02	U	0.21	0.02
Hexachlorobutadiene	87-68-3				0.026	U	0.18	0.026	0.029	U	0.2	0.029	0.03	U	0.21	0.03	0.026	U	0.18	0.026	0.028	U	0.19	0.028	0.027	U	0.18	0.027	0.029	U	0.2	0.029
Hexachlorocyclopentadiene	77-47-4				0.16	U	0.51	0.16	0.18	U	0.57	0.18	0.19	U	0.6	0.19	0.16	U	0.51	0.16	0.17	U	0.55	0.17	0.16	U	0.52	0.16	0.18	U	0.56	0.18
Hexachloroethane	67-72-1				0.029	U	0.14	0.029	0.032	U	0.16	0.032	0.034	U	0.17	0.034	0.029	U	0.14	0.029	0.031	U	0.15	0.031	0.03	U	0.15	0.03	0.032	U	0.16	0.032
Isophorone	78-59-1				0.023	U	0.16	0.023	0.026	U	0.18	0.026	0.027	U	0.19	0.027	0.023	U	0.16	0.023	0.025	U	0.17	0.025	0.024	U	0.16	0.024	0.026	U	0.18	0.026
Naphthalene	91-20-3	12	100	100	0.022	U	0.18	0.022	0.024	U	0.2	0.024	0.025	U	0.21	0.025	0.022	U	0.18	0.022	**0.18**	**J**	0.19	0.023	0.022	U	0.18	0.022	0.024	U	0.2	0.024
Nitrobenzene	98-95-3				0.026	U	0.16	0.026	0.029	U	0.18	0.029	0.031	U	0.19	0.031	0.026	U	0.16	0.026	0.028	U	0.17	0.028	0.027	U	0.16	0.027	0.029	U	0.18	0.029
NDPA/DPA	86-30-6				0.02	U	0.14	0.02	0.022	U	0.16	0.022	0.024	U	0.17	0.024	0.02	U	0.14	0.02	0.022	U	0.15	0.022	0.021	U	0.15	0.021	0.022	U	0.16	0.022
n-Nitrosodi-n-propylamine	621-64-7				0.028	U	0.18	0.028	0.03	U	0.2	0.03	0.032	U	0.21	0.032	0.027	U	0.18	0.027	0.03	U	0.19	0.03	0.028	U	0.18	0.028	0.03	U	0.2	0.03
Bis(2-ethylhexyl)phthalate	117-81-7				0.062	U	0.18	0.062	0.068	U	0.2	0.068	0.072	U	0.21	0.072	0.061	U	0.18	0.061	0.066	U	0.19	0.066	0.063	U	0.18	0.063	0.068	U	0.2	0.068
Butyl benzyl phthalate	85-68-7				0.045	U	0.18	0.045	0.05	U	0.2	0.05	0.053	U	0.21	0.053	0.044	U	0.18	0.044	0.048	U	0.19	0.048	0.046	U	0.18	0.046	0.05	U	0.2	0.05
Di-n-butylphthalate	84-74-2				0.034	U	0.18	0.034	0.038	U	0.2	0.038	0.04	U	0.21	0.04	0.034	U	0.18	0.034	0.036	U	0.19	0.036	0.035	U	0.18	0.035	0.037	U	0.2	0.037
Di-n-octylphthalate	117-84-0				0.061	U	0.18	0.061	0.067	U	0.2	0.067	0.071	U	0.21	0.071	0.06	U	0.18	0.06	0.065	U	0.19	0.065	0.062	U	0.18	0.062	0.067	U	0.2	0.067
Diethyl phthalate	84-66-2				0.017	U	0.18	0.017	0.018	U	0.2	0.018	0.019	U	0.21	0.019	0.016	U	0.18	0.016	0.018	U	0.19	0.018	0.017	U	0.18	0.017	0.018	U	0.2	0.018
Dimethyl phthalate	131-11-3				0.038	U	0.18	0.038	0.042	U	0.2	0.042	0.044	U	0.21	0.044	0.037	U	0.18	0.037	0.04	U	0.19	0.04	0.038	U	0.18	0.038	0.041	U	0.2	0.041
Benzo(a)anthracene	56-55-3	1	1	1	0.02	U	0.11	0.02	0.022	U	0.12	0.022	0.024	U	0.12	0.024	0.02	U	0.11	0.02	**0.073**	**J**	0.12	0.022	0.021	U	0.11	0.021	**0.04**	**J**	0.12	0.022
Benzo(a)pyrene	50-32-8	1	1	1	0.044	U	0.14	0.044	0.048	U	0.16	0.048	0.051	U	0.17	0.051	0.043	U	0.14	0.043	**0.1**	**J**	0.15	0.047	0.045	U	0.15	0.045	0.048	U	0.16	0.048
Benzo(b)fluoranthene	205-99-2	1	1	1	0.03	U	0.11	0.03	0.033	U	0.12	0.033	0.035	U	0.12	0.035	0.03	U	0.11	0.03	**0.12**		0.12	0.032	0.031	U	0.11	0.031	**0.037**	**J**	0.12	0.033
Benzo(k)fluoranthene	207-08-9	0.8	1	3.9	0.029	U	0.11	0.029	0.032	U	0.12	0.032	0.033	U	0.12	0.033	0.028	U	0.11	0.028	**0.042**	**J**	0.12	0.031	0.029	U	0.11	0.029	0.031	U	0.12	0.031
Chrysene	218-01-9	1	1	3.9	0.019	U	0.11	0.019	0.02	U	0.12	0.02	0.022	U	0.12	0.022	0.018	U	0.11	0.018	**0.096**	**J**	0.12	0.02	0.019	U	0.11	0.019	**0.036**	**J**	0.12	0.02
Acenaphthylene	208-96-8	100	100	100	0.028	U	0.14	0.028	0.03	U	0.16	0.03	0.032	U	0.17	0.032	0.027	U	0.14	0.027	**0.035**	**J**	0.15	0.03	0.028	U	0.15	0.028	0.03	U	0.16	0.03
Anthracene	120-12-7	100	100	100	0.035	U	0.11	0.035	0.039	U	0.12	0.039	0.041	U	0.12	0.041	0.034	U	0.11	0.034	0.037	U	0.12	0.037	0.036	U	0.11	0.036	0.038	U	0.12	0.038
Benzo(ghi)perylene	191-24-2	100	100	100	0.021	U	0.14	0.021	0.023	U	0.16	0.023	0.024	U	0.17	0.024	0.021	U	0.14	0.021	**0.084**	**J**	0.15	0.023	0.022	U	0.15	0.022	0.023	U	0.16	0.023
Fluorene	86-73-7	30	100	100	0.017	U	0.18	0.017	0.019	U	0.2	0.019	0.02	U	0.21	0.02	0.017	U	0.18	0.017	0.019	U	0.19	0.019	0.018	U	0.18	0.018	0.019	U	0.2	0.019
Phenanthrene	85-01-8	100	100	100	0.022	U	0.11	0.022	0.024	U	0.12	0.024	0.025	U	0.12	0.025	0.022	U	0.11	0.022	**0.13**		0.12	0.023	0.022	U	0.11	0.022	**0.075**	**J**	0.12	0.024
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.021	U	0.11	0.021	0.023	U	0.12	0.023	0.024	U	0.12	0.024	0.02	U	0.11	0.02	0.022	U	0.12	0.022	0.021	U	0.11	0.021	0.023	U	0.12	0.023
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	0.025	U	0.14	0.025	0.028	U	0.16	0.028	0.029	U	0.17	0.029	0.025	U	0.14	0.025	0.068	J	0.15	0.027	0.026	U	0.15	0.026	0.027	U	0.16	0.027
Pyrene	129-00-0	100	100	100	0.018	U	0.11	0.018	0.02	U	0.12	0.02	0.021	U	0.12	0.021	0.018	U	0.11	0.018	**0.1**	**J**	0.12	0.019	0.018	U	0.11	0.018	**0.056**	**J**	0.12	0.02
Biphenyl	92-52-4				0.042	U	0.41	0.042	0.046	U	0.45	0.046	0.048	U	0.48	0.048	0.041	U	0.4	0.041	0.045	U	0.44	0.045	0.042	U	0.42	0.042	0.046	U	0.45	0.046
4-Chloroaniline	106-47-8				0.033	U	0.18	0.033	0.036	U	0.2	0.036	0.038	U	0.21	0.038	0.032	U	0.18	0.032	0.035	U	0.19	0.035	0.033	U	0.18	0.033	0.036	U	0.2	0.036
2-Nitroaniline	88-74-4				0.034	U	0.18	0.034	0.038	U	0.2	0.038	0.04	U	0.21	0.04	0.034	U	0.18	0.034	0.037	U	0.19	0.037	0.035	U	0.18	0.035	0.038	U	0.2	0.038
3-Nitroaniline	99-09-2				0.034	U	0.18	0.034	0.037	U	0.2	0.037	0.039	U	0.21	0.039	0.033	U	0.18	0.033	0.036	U	0.19	0.036	0.034	U	0.18	0.034	0.037	U	0.2	0.037
4-Nitroaniline	100-01-6				0.074	U	0.18	0.074	0.082	U	0.2	0.082	0.086	U	0.21	0.086	0.073	U	0.18	0.073	0.08	U	0.19	0.08	0.076	U	0.18	0.076	0.081	U	0.2	0.081
Dibenzofuran	132-64-9	7	14	59	0.017	U	0.18	0.017	0.019	U	0.2	0.019	0.02	U	0.21	0.02	0.017	U	0.18	0.017	**0.05**	**J**	0.19	0.018	0.017	U	0.18	0.017	0.019	U	0.2	0.019
2-Methylnaphthalene	91-57-6				0.022	U	0.22	0.022	0.024	U	0.24	0.024	0.025	U	0.25	0.025	0.021	U	0.21	0.021	**0.26**		0.23	0.023	0.022	U	0.22	0.022	0.024	U	0.24	0.024
1,2,4,5-Tetrachlorobenzene	95-94-3				0.019	U	0.18	0.019	0.021	U	0.2	0.021	0.022	U	0.21	0.022	0.018	U	0.18	0.018	0.02	U	0.19	0.02	0.019	U	0.18	0.019	0.02	U	0.2	0.02
Acetophenone	98-86-2				0.022	U	0.18	0.022	0.024	U	0.2	0.024	0.026	U	0.21	0.026	0.022	U	0.18	0.022	**0.052**	**J**	0.19	0.024	0.023	U	0.18	0.023	0.024	U	0.2	0.024
2,4,6-Trichlorophenol	88-06-2				0.034	U	0.11	0.034	0.038	U	0.12	0.038	0.04	U	0.12	0.04	0.034	U	0.11	0.034	0.036	U	0.12	0.036	0.035	U	0.11	0.035	0.037	U	0.12	0.037
p-Chloro-m-cresol	59-50-7				0.027	U	0.18	0.027	0.03	U	0.2	0.03	0.031	U	0.21	0.031	0.026	U	0.18	0.026	0.029	U	0.19	0.029	0.027	U	0.18	0.027	0.029	U	0.2	0.029
2-Chlorophenol	95-57-8				0.021	U	0.18	0.021	0.023	U	0.2	0.023	0.025	U	0.21	0.025	0.021	U	0.18	0.021	0.023	U	0.19	0.023	0.022	U	0.18	0.022	0.023	U	0.2	0.023
2,4-Dichlorophenol	120-83-2				0.029	U	0.16	0.029	0.032	U	0.18	0.032	0.034	U	0.19	0.034	0.028	U	0.16	0.028	0.031	U	0.17	0.031	0.029	U	0.16	0.029	0.032	U	0.18	0.032
2,4-Dimethylphenol	105-67-9				0.059	U	0.18	0.059	0.065	U	0.2	0.065	0.069	U	0.21	0.069	0.058	U	0.18	0.058	0.063	U	0.19	0.063	0.06	U	0.18	0.06	0.065	U	0.2	0.065
2-Nitrophenol	88-75-5				0.067	U	0.39	0.067	0.074	U	0.43	0.074	0.078	U	0.45	0.078	0.066	U	0.38	0.066	0.072	U	0.42	0.072	0.069	U	0.4	0.069	0.074	U	0.42	0.074
4-Nitrophenol	100-02-7				0.073	U	0.25	0.073	0.081	U	0.28	0.081	0.085	U	0.29	0.085	0.072	U	0.25	0.072	0.078	U	0.27	0.078	0.075	U	0.26	0.075	0.08	U	0.28	0.08
2,4-Dinitrophenol	51-28-5				0.084	U	0.86	0.084	0.092	U	0.95	0.092	0.097	U	1	0.097	0.082	U	0.85	0.082	0.09	U	0.92	0.09	0.085	U	0.88	0.085	0.092	U	0.94	0.092
4,6-Dinitro-o-cresol	534-52-1				0.086	U	0.47	0.086	0.095	U	0.51	0.095	0.1	U	0.54	0.1	0.085	U	0.46	0.085	0.092	U	0.5	0.092	0.088	U	0.48	0.088	0.094	U	0.51	0.094
Pentachlorophenol	87-86-5	0.8	2.4	6.7	0.039	U	0.14	0.039	0.044	U	0.16	0.044	0.046	U	0.17	0.046	0.039	U	0.14	0.039	0.042	U	0.15	0.042	0.04	U	0.15	0.04	0.043	U	0.16	0.043
Phenol	108-95-2	0.33	100	100	0.027	U	0.18	0.027	0.03	U	0.2	0.03	0.032	U	0.21	0.032	0.027	U	0.18	0.027	0.029	U	0.19	0.029	0.028	U	0.18	0.028	0.03	U	0.2	0.03
2-Methylphenol	95-48-7	0.33	100	100	0.028	U	0.18	0.028	0.031	U	0.2	0.031	0.032	U	0.21	0.032	0.027	U	0.18	0.027	0.03	U	0.19	0.03	0.028	U	0.18	0.028	0.03	U	0.2	0.03
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	34	100	0.028	U	0.26	0.028	0.031	U	0.28	0.031	0.033	U	0.3	0.033	0.028	U	0.25	0.028	0.03	U	0.28	0.03	0.029	U	0.26	0.029	0.031	U	0.28	0.031
2,4,5-Trichlorophenol	95-95-4				0.034	U	0.18	0.034	0.038	U	0.2	0.038	0.04	U	0.21	0.04	0.034	U	0.18	0.034	0.037	U	0.19	0.037	0.035	U	0.18	0.035	0.038	U	0.2	0.038
Benzoic Acid	65-85-0				0.18	U	0.58	0.18	0.2	U	0.64	0.2	0.21	U	0.68	0.21	0.18	U	0.57	0.18	0.19	U	0.62	0.19	0.18	U	0.59	0.18	0.2	U	0.64	0.2
Benzyl Alcohol	100-51-6				0.055	U	0.18	0.055	0.06	U	0.2	0.06	0.064	U	0.21	0.064	0.054	U	0.18	0.054	0.059	U	0.19	0.059	0.056	U	0.18	0.056	0.06	U	0.2	0.06
Carbazole	86-74-8				0.017	U	0.18	0.017	0.019	U	0.2	0.019	0.02	U	0.21	0.02	0.017	U	0.18	0.017	0.019	U	0.19	0.019	0.018	U	0.18	0.018	0.019	U	0.2	0.019
1,4-Dioxane	123-91-1	0.1	9.8	13	0.0082	U	0.027	0.0082	0.0091	U	0.03	0.0091	0.0096	U	0.031	0.0096	0.0081	U	0.026	0.0081	0.0088	U	0.029	0.0088	0.0084	U	0.027	0.0084	0.009	U	0.029	0.009

USCO	Compound Exceeds the Unrestricted Use Soil Cleanup Objectives (USCO)
RSCO	Compound Exceeds the Residential Soil Cleanup Objectives (RSCO)
RRSCO	Compound Exceeds the Retricted Residential Soil Cleanup Objectives (RRSCO)

Table 4A
Summary of Soil Sample Results
Semi-Volatile Organic Compounds
70 Westchester Avenue, White Plains, New York

SAMPLE ID:		USCO	RSCO	RRSCO	SB-10 (14-15)				SB-10 (8-9)				SB-11 (10-11)				SB-11 (2-3)				SB-12 (4-5)				SB-12 (8-9)			
LAB ID:					L2038294-03				L2038294-02				L2038294-05				L2038294-04				L2038294-06				L2038294-07			
COLLECTION DATE:					9/14/2020				9/14/2020				9/14/2020				9/14/2020				9/14/2020				9/14/2020			
SAMPLE MATRIX:		(mg/kg)	(mg/kg)	(mg/kg)	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
ANALYTE	CAS				Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANICS BY GC/MS																												
Acenaphthene	83-32-9	20	100	100	0.021	U	0.16	0.021	**0.028**	J	0.15	0.019	0.02	U	0.16	0.02	0.017	U	0.13	0.017	0.018	U	0.14	0.018	0.019	U	0.15	0.019
1,2,4-Trichlorobenzene	120-82-1				0.023	U	0.2	0.023	0.021	U	0.19	0.021	0.022	U	0.2	0.022	0.019	U	0.17	0.019	0.02	U	0.17	0.02	0.021	U	0.18	0.021
Hexachlorobenzene	118-74-1	0.33	0.33	1.2	0.022	U	0.12	0.022	0.021	U	0.11	0.021	0.022	U	0.12	0.022	0.019	U	0.1	0.019	0.019	U	0.1	0.019	0.02	U	0.11	0.02
Bis(2-chloroethyl)ether	111-44-4				0.027	U	0.18	0.027	0.025	U	0.17	0.025	0.027	U	0.18	0.027	0.022	U	0.15	0.022	0.023	U	0.15	0.023	0.025	U	0.16	0.025
2-Chloronaphthalene	91-58-7				0.02	U	0.2	0.02	0.019	U	0.19	0.019	0.019	U	0.2	0.019	0.016	U	0.17	0.016	0.017	U	0.17	0.017	0.018	U	0.18	0.018
1,2-Dichlorobenzene	95-50-1	1.1	100	100	0.036	U	0.2	0.036	0.034	U	0.19	0.034	0.035	U	0.2	0.035	0.03	U	0.17	0.03	0.031	U	0.17	0.031	0.033	U	0.18	0.033
1,3-Dichlorobenzene	541-73-1	2.4	17	49	0.034	U	0.2	0.034	0.032	U	0.19	0.032	0.034	U	0.2	0.034	0.029	U	0.17	0.029	0.03	U	0.17	0.03	0.032	U	0.18	0.032
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	0.035	U	0.2	0.035	0.033	U	0.19	0.033	0.034	U	0.2	0.034	0.029	U	0.17	0.029	0.03	U	0.17	0.03	0.032	U	0.18	0.032
3,3'-Dichlorobenzidine	91-94-1				0.053	U	0.2	0.053	0.05	U	0.19	0.05	0.052	U	0.2	0.052	0.044	U	0.17	0.044	0.046	U	0.17	0.046	0.049	U	0.18	0.049
2,4-Dinitrotoluene	121-14-2				0.04	U	0.2	0.04	0.038	U	0.19	0.038	0.039	U	0.2	0.039	0.033	U	0.17	0.033	0.034	U	0.17	0.034	0.037	U	0.18	0.037
2,6-Dinitrotoluene	606-20-2				0.034	U	0.2	0.034	0.032	U	0.19	0.032	0.034	U	0.2	0.034	0.028	U	0.17	0.028	0.03	U	0.17	0.03	0.032	U	0.18	0.032
Fluoranthene	206-44-0	100	100	100	0.023	U	0.12	0.023	**0.35**		0.11	0.022	**0.028**	J	0.12	0.022	0.019	U	0.1	0.019	0.02	U	0.1	0.02	0.021	U	0.11	0.021
4-Chlorophenyl phenyl ether	7005-72-3				0.021	U	0.2	0.021	0.02	U	0.19	0.02	0.021	U	0.2	0.021	0.018	U	0.17	0.018	0.018	U	0.17	0.018	0.02	U	0.18	0.02
4-Bromophenyl phenyl ether	101-55-3				0.03	U	0.2	0.03	0.029	U	0.19	0.029	0.03	U	0.2	0.03	0.025	U	0.17	0.025	0.026	U	0.17	0.026	0.028	U	0.18	0.028
Bis(2-chloroisopropyl)ether	108-60-1				0.034	U	0.24	0.034	0.032	U	0.22	0.032	0.034	U	0.24	0.034	0.028	U	0.2	0.028	0.029	U	0.21	0.029	0.031	U	0.22	0.031
Bis(2-chloroethoxy)methane	111-91-1				0.02	U	0.22	0.02	0.019	U	0.2	0.019	0.02	U	0.21	0.02	0.017	U	0.18	0.017	0.017	U	0.18	0.017	0.018	U	0.2	0.018
Hexachlorobutadiene	87-68-3				0.029	U	0.2	0.029	0.027	U	0.19	0.027	0.029	U	0.2	0.029	0.024	U	0.17	0.024	0.025	U	0.17	0.025	0.027	U	0.18	0.027
Hexachlorocyclopentadiene	77-47-4				0.18	U	0.57	0.18	0.17	U	0.54	0.17	0.18	U	0.56	0.18	0.15	U	0.48	0.15	0.16	U	0.49	0.16	0.17	U	0.52	0.17
Hexachloroethane	67-72-1				0.032	U	0.16	0.032	0.03	U	0.15	0.03	0.032	U	0.16	0.032	0.027	U	0.13	0.027	0.028	U	0.14	0.028	0.03	U	0.15	0.03
Isophorone	78-59-1				0.026	U	0.18	0.026	0.024	U	0.17	0.024	0.025	U	0.18	0.025	0.022	U	0.15	0.022	0.022	U	0.15	0.022	0.024	U	0.16	0.024
Naphthalene	91-20-3	12	100	100	0.024	U	0.2	0.024	0.023	U	0.19	0.023	0.024	U	0.2	0.024	0.02	U	0.17	0.02	0.021	U	0.17	0.021	0.022	U	0.18	0.022
Nitrobenzene	98-95-3				0.03	U	0.18	0.03	0.028	U	0.17	0.028	0.029	U	0.18	0.029	0.025	U	0.15	0.025	0.025	U	0.15	0.025	0.027	U	0.16	0.027
NDPA/DPA	86-30-6				0.023	U	0.16	0.023	0.021	U	0.15	0.021	0.022	U	0.16	0.022	0.019	U	0.13	0.019	0.02	U	0.14	0.02	0.021	U	0.15	0.021
n-Nitrosodi-n-propylamine	621-64-7				0.031	U	0.2	0.031	0.029	U	0.19	0.029	0.03	U	0.2	0.03	0.026	U	0.17	0.026	0.026	U	0.17	0.026	0.028	U	0.18	0.028
Bis(2-ethylhexyl)phthalate	117-81-7				0.069	U	0.2	0.069	0.065	U	0.19	0.065	0.068	U	0.2	0.068	0.058	U	0.17	0.058	0.06	U	0.17	0.06	0.064	U	0.18	0.064
Butyl benzyl phthalate	85-68-7				0.05	U	0.2	0.05	0.047	U	0.19	0.047	0.049	U	0.2	0.049	0.042	U	0.17	0.042	0.043	U	0.17	0.043	0.046	U	0.18	0.046
Di-n-butylphthalate	84-74-2				0.038	U	0.2	0.038	**0.037**	J	0.19	0.036	0.037	U	0.2	0.037	0.032	U	0.17	0.032	0.033	U	0.17	0.033	0.035	U	0.18	0.035
Di-n-octylphthalate	117-84-0				0.068	U	0.2	0.068	0.064	U	0.19	0.064	0.067	U	0.2	0.067	0.056	U	0.17	0.056	0.058	U	0.17	0.058	0.062	U	0.18	0.062
Diethyl phthalate	84-66-2				0.018	U	0.2	0.018	0.017	U	0.19	0.017	0.018	U	0.2	0.018	0.015	U	0.17	0.015	0.016	U	0.17	0.016	0.017	U	0.18	0.017
Dimethyl phthalate	131-11-3				0.042	U	0.2	0.042	0.039	U	0.19	0.039	0.041	U	0.2	0.041	0.035	U	0.17	0.035	0.036	U	0.17	0.036	0.038	U	0.18	0.038
Benzo(a)anthracene	56-55-3	1	1	1	0.022	U	0.12	0.022	**0.19**		0.11	0.021	0.022	U	0.12	0.022	0.019	U	0.1	0.019	0.019	U	0.1	0.019	0.021	U	0.11	0.021
Benzo(a)pyrene	50-32-8	1	1	1	0.049	U	0.16	0.049	**0.17**		0.15	0.046	0.048	U	0.16	0.048	0.041	U	0.13	0.041	0.042	U	0.14	0.042	0.045	U	0.15	0.045
Benzo(b)fluoranthene	205-99-2	1	1	1	0.034	U	0.12	0.034	**0.23**		0.11	0.032	0.033	U	0.12	0.033	0.028	U	0.1	0.028	0.029	U	0.1	0.029	0.031	U	0.11	0.031
Benzo(k)fluoranthene	207-08-9	0.8	1	3.9	0.032	U	0.12	0.032	**0.063**	J	0.11	0.03	0.031	U	0.12	0.031	0.027	U	0.1	0.027	0.028	U	0.1	0.028	0.029	U	0.11	0.029
Chrysene	218-01-9	1	1	3.9	0.021	U	0.12	0.021	**0.17**		0.11	0.02	0.02	U	0.12	0.02	0.017	U	0.1	0.017	0.018	U	0.1	0.018	0.019	U	0.11	0.019
Acenaphthylene	208-96-8	100	100	100	0.031	U	0.16	0.031	0.029	U	0.15	0.029	0.03	U	0.16	0.03	0.026	U	0.13	0.026	0.026	U	0.14	0.026	0.028	U	0.15	0.028
Anthracene	120-12-7	100	100	100	0.039	U	0.12	0.039	**0.068**	J	0.11	0.037	0.038	U	0.12	0.038	0.032	U	0.1	0.032	0.034	U	0.1	0.034	0.036	U	0.11	0.036
Benzo(ghi)perylene	191-24-2	100	100	100	0.024	U	0.16	0.024	**0.1**	J	0.15	0.022	0.023	U	0.16	0.023	0.02	U	0.13	0.02	0.02	U	0.14	0.02	0.022	U	0.15	0.022
Fluorene	86-73-7	30	100	100	0.019	U	0.2	0.019	**0.03**	J	0.19	0.018	0.019	U	0.2	0.019	0.016	U	0.17	0.016	0.017	U	0.17	0.017	0.018	U	0.18	0.018
Phenanthrene	85-01-8	100	100	100	0.024	U	0.12	0.024	**0.27**		0.11	0.023	0.024	U	0.12	0.024	0.02	U	0.1	0.02	0.021	U	0.1	0.021	0.022	U	0.11	0.022
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.023	U	0.12	0.023	**0.028**	J	0.11	0.022	0.023	U	0.12	0.023	0.019	U	0.1	0.019	0.02	U	0.1	0.02	0.021	U	0.11	0.021
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	0.028	U	0.16	0.028	**0.1**	J	0.15	0.026	0.027	U	0.16	0.027	0.023	U	0.13	0.023	0.024	U	0.14	0.024	0.026	U	0.15	0.026
Pyrene	129-00-0	100	100	100	0.02	U	0.12	0.02	**0.27**		0.11	0.019	**0.023**	J	0.12	0.02	0.016	U	0.1	0.016	0.017	U	0.1	0.017	0.018	U	0.11	0.018
Biphenyl	92-52-4				0.046	U	0.46	0.046	0.044	U	0.43	0.044	0.046	U	0.45	0.046	0.039	U	0.38	0.039	0.04	U	0.39	0.04	0.043	U	0.42	0.043
4-Chloroaniline	106-47-8				0.036	U	0.2	0.036	0.034	U	0.19	0.034	0.036	U	0.2	0.036	0.03	U	0.17	0.03	0.031	U	0.17	0.031	0.033	U	0.18	0.033
2-Nitroaniline	88-74-4				0.038	U	0.2	0.038	0.036	U	0.19	0.036	0.038	U	0.2	0.038	0.032	U	0.17	0.032	0.033	U	0.17	0.033	0.035	U	0.18	0.035
3-Nitroaniline	99-09-2				0.038	U	0.2	0.038	0.035	U	0.19	0.035	0.037	U	0.2	0.037	0.031	U	0.17	0.031	0.032	U	0.17	0.032	0.035	U	0.18	0.035
4-Nitroaniline	100-01-6				0.083	U	0.2	0.083	0.078	U	0.19	0.078	0.081	U	0.2	0.081	0.069	U	0.17	0.069	0.071	U	0.17	0.071	0.076	U	0.18	0.076
Dibenzofuran	132-64-9	7	14	59	0.019	U	0.2	0.019	0.018	U	0.19	0.018	0.018	U	0.2	0.018	0.016	U	0.17	0.016	0.016	U	0.17	0.016	0.017	U	0.18	0.017
2-Methylnaphthalene	91-57-6				0.024	U	0.24	0.024	0.023	U	0.22	0.023	0.024	U	0.24	0.024	0.02	U	0.2	0.02	0.021	U	0.21	0.021	0.022	U	0.22	0.022
1,2,4,5-Tetrachlorobenzene	95-94-3				0.021	U	0.2	0.021	0.02	U	0.19	0.02	0.02	U	0.2	0.02	0.017	U	0.17	0.017	0.018	U	0.17	0.018	0.019	U	0.18	0.019
Acetophenone	98-86-2				0.025	U	0.2	0.025	0.023	U	0.19	0.023	0.024	U	0.2	0.024	0.021	U	0.17	0.021	0.021	U	0.17	0.021	0.023	U	0.18	0.023
2,4,6-Trichlorophenol	88-06-2				0.038	U	0.12	0.038	0.036	U	0.11	0.036	0.037	U	0.12	0.037	0.032	U	0.1	0.032	0.033	U	0.1	0.033	0.035	U	0.11	0.035
p-Chloro-m-cresol	59-50-7				0.03	U	0.2	0.03	0.028	U	0.19	0.028	0.029	U	0.2	0.029	0.025	U	0.17	0.025	0.026	U	0.17	0.026	0.027	U	0.18	0.027
2-Chlorophenol	95-57-8				0.024	U	0.2	0.024	0.022	U	0.19	0.022	0.023	U	0.2	0.023	0.02	U	0.17	0.02	0.02	U	0.17	0.02	0.022	U	0.18	0.022
2,4-Dichlorophenol	120-83-2				0.032	U	0.18	0.032	0.03	U	0.17	0.03	0.032	U	0.18	0.032	0.027	U	0.15	0.027	0.028	U	0.15	0.028	0.03	U	0.16	0.03
2,4-Dimethylphenol	105-67-9				0.066	U	0.2	0.066	0.062	U	0.19	0.062	0.065	U	0.2	0.065	0.055	U	0.17	0.055	0.057	U	0.17	0.057	0.061	U	0.18	0.061
2-Nitrophenol	88-75-5				0.075	U	0.43	0.075	0.07	U	0.4	0.07	0.074	U	0.42	0.074	0.062	U	0.36	0.062	0.065	U	0.37	0.065	0.069	U	0.4	0.069
4-Nitrophenol	100-02-7				0.082	U	0.28	0.082	0.076	U	0.26	0.076	0.08	U	0.27	0.08	0.068	U	0.23	0.068	0.07	U	0.24	0.07	0.075	U	0.26	0.075
2,4-Dinitrophenol	51-28-5				0.093	U	0.96	0.093	0.087	U	0.9	0.087	0.092	U	0.94	0.092	0.078	U	0.8	0.078	0.08	U	0.83	0.08	0.086	U	0.88	0.086
4,6-Dinitro-o-cresol	534-52-1				0.096	U	0.52	0.096	0.09	U	0.49	0.09	0.094	U	0.51	0.094	0.08	U	0.43	0.08	0.083	U	0.45	0.083	0.088	U	0.48	0.088
Pentachlorophenol	87-86-5	0.8	2.4	6.7	0.044	U	0.16	0.044	0.041	U	0.15	0.041	0.043	U	0.16	0.043	0.037	U	0.13	0.037	0.038	U	0.14	0.038	0.04	U	0.15	0.04
Phenol	108-95-2	0.33	100	100	0.03	U	0.2	0.03	0.028	U	0.19	0.028	0.03	U	0.2	0.03	0.025	U	0.17	0.025	0.026	U	0.17	0.026	0.028	U	0.18	0.028
2-Methylphenol	95-48-7	0.33	100	100	0.031	U	0.2	0.031	0.029	U	0.19	0.029	0.03	U	0.2	0.03	0.026	U	0.17	0.026	0.027	U	0.17	0.027	0.028	U	0.18	0.028
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	34	100	0.031	U	0.29	0.031	0.029	U	0.27	0.029	0.031	U	0.28	0.031	0.026	U	0.24	0.026	0.027	U	0.25	0.027	0.029	U	0.26	0.029
2,4,5-Trichlorophenol	95-95-4				0.038	U	0.2	0.038	0.036	U	0.19	0.036	0.038	U	0.2	0.038	0.032	U	0.17	0.032	0.033	U	0.17	0.033	0.035	U	0.18	0.035
Benzoic Acid	65-85-0				0.2	U	0.65	0.2	0.19	U	0.61	0.19	0.2	U	0.64	0.2	0.17	U	0.54	0.17	0.17	U	0.56	0.17	0.18	U	0.6	0.18
Benzyl Alcohol	100-51-6				0.061	U	0.2	0.061	0.057	U	0.19	0.057	0.06	U	0.2	0.06	0.051	U	0.17	0.051	0.053	U	0.17	0.053	0.056	U	0.18	0.056
Carbazole	86-74-8				0.019	U	0.2	0.019	**0.037**	J	0.19	0.018	0.019	U	0.2	0.019	0.016	U	0.17	0.016	0.017	U	0.17	0.017	0.018	U	0.18	0.018
1,4-Dioxane	123-91-1	0.1	9.8	13	0.0092	U	0.03	0.0092	0.0086	U	0.028	0.0086	0.009	U	0.029	0.009	0.0076	U	0.025	0.0076	0.0079	U	0.026	0.0079	0.0084	U	0.028	0.0084

USCO	Compound Exceeds the Unrestricted Use Soil Cleanup Objectives (USCO)
RSCO	Compound Exceeds the Residential Soil Cleanup Objectives (RSCO)
RRSCO	Compound Exceeds the Retricted Residential Soil Cleanup Objectives (RRSCO)

Table 4A
Summary of Soil Sample Results
PCBs, Pesticides, Metals
70 Westchester Avenue, White Plains, New York

SAMPLE ID:		USCO	RSCO	RRSCO	S-1 (4.5-5)				S-1 (8.5-9)				S-2 (10.5-11)				S-2 (3-3.5)				S-3 (17.5-18)				S-3 (3.5-4)			
LAB ID:					L2037617-01				L2037617-02				L2037617-04				L2037617-03				L2037617-06				L2037617-05			
COLLECTION DATE:					9/10/2020				9/10/2020				9/10/2020				9/10/2020				9/10/2020				9/10/2020			
SAMPLE MATRIX:		(mg/kg)	(mg/kg)	(mg/kg)	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
ANALYTE	CAS				Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
ORGANOCHLORINE PESTICIDES BY GC																												
Delta-BHC	319-86-8	0.04	100	100	0.000349	U	0.00178	0.000349	0.000353	U	0.0018	0.000353	0.00035	U	0.00179	0.00035	0.000316	U	0.00161	0.000316	0.00037	U	0.00189	0.00037	0.000408	U	0.00208	0.000408
Lindane	58-89-9	0.1	0.28	1.3	0.000332	U	0.000743	0.000332	0.000336	U	0.000751	0.000336	0.000333	U	0.000745	0.000333	0.0003	U	0.000672	0.0003	0.000352	U	0.000787	0.000352	0.000388	U	0.000868	0.000388
Alpha-BHC	319-84-6	0.02	0.097	0.48	0.000211	U	0.000743	0.000211	0.000213	U	0.000751	0.000213	0.000212	U	0.000745	0.000212	0.000191	U	0.000672	0.000191	0.000224	U	0.000787	0.000224	0.000247	U	0.000868	0.000247
Beta-BHC	319-85-7	0.036	0.072	0.36	0.000676	U	0.00178	0.000676	0.000683	U	0.0018	0.000683	0.000678	U	0.00179	0.000678	0.000612	U	0.00161	0.000612	0.000716	U	0.00189	0.000716	0.00079	U	0.00208	0.00079
Heptachlor	76-44-8	0.042	0.42	2.1	0.0004	U	0.000892	0.0004	0.000404	U	0.000901	0.000404	0.000401	U	0.000894	0.000401	0.000362	U	0.000806	0.000362	0.000423	U	0.000944	0.000423	0.000467	U	0.00104	0.000467
Aldrin	309-00-2	0.005	0.019	0.097	0.000628	U	0.00178	0.000628	0.000634	U	0.0018	0.000634	0.00063	U	0.00179	0.00063	0.000568	U	0.00161	0.000568	0.000665	U	0.00189	0.000665	0.000734	U	0.00208	0.000734
Heptachlor epoxide	1024-57-3				0.001	U	0.00334	0.001	0.00101	U	0.00338	0.00101	0.00101	U	0.00335	0.00101	0.000907	U	0.00302	0.000907	0.00106	U	0.00354	0.00106	0.00117	U	0.00391	0.00117
Endrin	72-20-8	0.014	2.2	11	0.000305	U	0.000743	0.000305	0.000308	U	0.000751	0.000308	0.000306	U	0.000745	0.000306	0.000276	U	0.000672	0.000276	0.000323	U	0.000787	0.000323	0.000356	U	0.000868	0.000356
Endrin aldehyde	7421-93-4				0.00078	U	0.00223	0.00078	0.000788	U	0.00225	0.000788	0.000782	U	0.00224	0.000782	0.000706	U	0.00202	0.000706	0.000826	U	0.00236	0.000826	0.000912	U	0.0026	0.000912
Endrin ketone	53494-70-5				0.000459	U	0.00178	0.000459	0.000464	U	0.0018	0.000464	0.00046	U	0.00179	0.00046	0.000415	U	0.00161	0.000415	0.000486	U	0.00189	0.000486	0.000537	U	0.00208	0.000537
Dieldrin	60-57-1	0.005	0.039	0.2	0.000557	U	0.00111	0.000557	0.000563	U	0.00113	0.000563	0.000559	U	0.00112	0.000559	0.000504	U	0.00101	0.000504	0.00059	U	0.00118	0.00059	0.000651	U	0.0013	0.000651
4,4'-DDE	72-55-9	0.0033	1.8	8.9	**0.00116**	J	0.00178	0.000412	**0.0206**		0.0018	0.000417	0.000414	U	0.00179	0.000414	**0.000624**	J	0.00161	0.000373	0.000437	U	0.00189	0.000437	**0.00144**	JIP	0.00208	0.000482
4,4'-DDD	72-54-8	0.0033	2.6	13	**0.000823**	J	0.00178	0.000636	**0.0165**	IP	0.0018	0.000643	0.000638	U	0.00179	0.000638	**0.00133**	J	0.00161	0.000575	0.000674	U	0.00189	0.000674	0.000743	U	0.00208	0.000743
4,4'-DDT	50-29-3	0.0033	1.7	7.9	0.00143	U	0.00334	0.00143	0.00145	U	0.00338	0.00145	0.00144	U	0.00335	0.00144	0.0013	U	0.00302	0.0013	0.00152	U	0.00354	0.00152	**0.00523**		0.00391	0.00168
Endosulfan I	959-98-8	2.4	4.8	24	0.000421	U	0.00178	0.000421	0.000426	U	0.0018	0.000426	0.000422	U	0.00179	0.000422	0.000381	U	0.00161	0.000381	0.000446	U	0.00189	0.000446	0.000492	U	0.00208	0.000492
Endosulfan II	33213-65-9	2.4	4.8	24	0.000596	U	0.00178	0.000596	0.000602	U	0.0018	0.000602	0.000598	U	0.00179	0.000598	0.000539	U	0.00161	0.000539	0.000631	U	0.00189	0.000631	0.000696	U	0.00208	0.000696
Endosulfan sulfate	1031-07-8	2.4	4.8	24	0.000354	U	0.000743	0.000354	0.000357	U	0.000751	0.000357	0.000355	U	0.000745	0.000355	0.00032	U	0.000672	0.00032	0.000374	U	0.000787	0.000374	0.000413	U	0.000868	0.000413
Methoxychlor	72-43-5				0.00104	U	0.00334	0.00104	0.00105	U	0.00338	0.00105	0.00104	U	0.00335	0.00104	0.000941	U	0.00302	0.000941	0.0011	U	0.00354	0.0011	0.00122	U	0.00391	0.00122
Toxaphene	8001-35-2				0.00936	U	0.0334	0.00936	0.00946	U	0.0338	0.00946	0.00939	U	0.0335	0.00939	0.00847	U	0.0302	0.00847	0.00992	U	0.0354	0.00992	0.0109	U	0.0391	0.0109
cis-Chlordane	5103-71-9	0.094	0.91	4.2	0.000621	U	0.00223	0.000621	**0.18**	P	0.0045	0.00126	0.000623	U	0.00224	0.000623	0.000562	U	0.00202	0.000562	0.000658	U	0.00236	0.000658	0.000726	U	0.0026	0.000726
trans-Chlordane	5103-74-2				**0.0015**	JIP	0.00223	0.000588	**0.126**	IP	0.00225	0.000595	0.00059	U	0.00224	0.00059	**0.000702**	JIP	0.00202	0.000532	0.000623	U	0.00236	0.000623	**0.00224**	JIP	0.0026	0.000688
Chlordane	57-74-9				0.00591	U	0.0149	0.00591	**1.52**	P	0.03	0.0119	0.00592	U	0.0149	0.00592	0.00534	U	0.0134	0.00534	0.00626	U	0.0157	0.00626	0.0069	U	0.0174	0.0069
POLYCHLORINATED BIPHENYLS BY GC																												
Aroclor 1016	12674-11-2	0.1	1	1	0.0033	U	0.0372	0.0033	0.00337	U	0.038	0.00337	0.00337	U	0.038	0.00337	0.00305	U	0.0343	0.00305	0.00331	U	0.0372	0.00331	0.00384	U	0.0432	0.00384
Aroclor 1221	11104-28-2	0.1	1	1	0.00373	U	0.0372	0.00373	0.00381	U	0.038	0.00381	0.0038	U	0.038	0.0038	0.00344	U	0.0343	0.00344	0.00373	U	0.0372	0.00373	0.00433	U	0.0432	0.00433
Aroclor 1232	11141-16-5	0.1	1	1	0.00789	U	0.0372	0.00789	0.00805	U	0.038	0.00805	0.00805	U	0.038	0.00805	0.00728	U	0.0343	0.00728	0.0079	U	0.0372	0.0079	0.00916	U	0.0432	0.00916
Aroclor 1242	53469-21-9	0.1	1	1	0.00502	U	0.0372	0.00502	0.00512	U	0.038	0.00512	0.00512	U	0.038	0.00512	0.00462	U	0.0343	0.00462	0.00502	U	0.0372	0.00502	0.00582	U	0.0432	0.00582
Aroclor 1248	12672-29-6	0.1	1	1	0.00558	U	0.0372	0.00558	0.0057	U	0.038	0.0057	0.0057	U	0.038	0.0057	**0.014**	J	0.0343	0.00515	0.00559	U	0.0372	0.00559	0.00648	U	0.0432	0.00648
Aroclor 1254	11097-69-1	0.1	1	1	0.00407	U	0.0372	0.00407	0.00416	U	0.038	0.00416	0.00415	U	0.038	0.00415	**0.016**	J	0.0343	0.00375	0.00407	U	0.0372	0.00407	**0.0115**	J	0.0432	0.00472
Aroclor 1260	11096-82-5	0.1	1	1	0.00688	U	0.0372	0.00688	0.00702	U	0.038	0.00702	0.00702	U	0.038	0.00702	**0.0112**	J	0.0343	0.00634	0.00688	U	0.0372	0.00688	0.00798	U	0.0432	0.00798
Aroclor 1262	37324-23-5	0.1	1	1	0.00473	U	0.0372	0.00473	0.00482	U	0.038	0.00482	0.00482	U	0.038	0.00482	0.00436	U	0.0343	0.00436	0.00473	U	0.0372	0.00473	0.00549	U	0.0432	0.00549
Aroclor 1268	11100-14-4	0.1	1	1	0.00386	U	0.0372	0.00386	0.00394	U	0.038	0.00394	0.00393	U	0.038	0.00393	0.00356	U	0.0343	0.00356	0.00386	U	0.0372	0.00386	0.00448	U	0.0432	0.00448
PCBs, Total	1336-36-3	0.1	1	1	0.0033	U	0.0372	0.0033	0.00337	U	0.038	0.00337	0.00337	U	0.038	0.00337	**0.0412**	J	0.0343	0.00305	0.00331	U	0.0372	0.00331	**0.0115**	J	0.0432	0.00384
TOTAL METALS																												
Aluminum, Total	7429-90-5				**5490**		8.94	2.42	**10300**		9.47	2.56	**7150**		9.15	2.47	**8250**		8.32	2.24	**4560**		9.32	2.52	**11900**		10.2	2.74
Antimony, Total	7440-36-0				0.34	U	4.47	0.34	0.36	U	4.73	0.36	0.348	U	4.58	0.348	**0.316**	U	4.16	0.316	0.354	U	4.66	0.354	0.386	U	5.08	0.386
Arsenic, Total	7440-38-2	13	16	16	**2.24**		0.894	0.186	**2.15**		0.947	0.197	**3.4**		0.915	0.19	**4.02**		0.832	0.173	**1.16**		0.932	0.194	**3.7**		1.02	0.211
Barium, Total	7440-39-3	350	350	400	**49.8**		0.894	0.156	**84.2**		0.947	0.165	**58**		0.915	0.159	**132**		0.832	0.145	**52.2**		0.932	0.162	**113**		1.02	0.177
Beryllium, Total	7440-41-7	7.2	14	72	**0.143**	J	0.447	0.03	**0.123**	J	0.473	0.031	**0.11**	J	0.458	0.03	**0.058**	J	0.416	0.027	0.031	U	0.466	0.031	**0.142**	J	0.508	0.034
Cadmium, Total	7440-43-9	2.5	2.5	4.3	**0.295**	J	0.894	0.088	**0.36**	J	0.947	0.093	**0.302**	J	0.915	0.09	**0.499**	J	0.832	0.082	**0.205**	J	0.932	0.091	**0.498**	J	1.02	0.1
Calcium, Total	7440-70-2				**2720**		8.94	3.13	**5830**		9.47	3.31	**26400**		9.15	3.2	**18400**		8.32	2.91	**21900**		9.32	3.26	**4050**		10.2	3.56
Chromium, Total	7440-47-3				**13.4**		0.894	0.086	**17.4**		0.947	0.091	**13.8**		0.915	0.088	**20.8**		0.832	0.08	**11.9**		0.932	0.09	**21.4**		1.02	0.098
Cobalt, Total	7440-48-4				**6.47**		1.79	0.148	**7.06**		1.89	0.157	**5.34**		1.83	0.152	**7.34**		1.66	0.138	**5.19**		1.86	0.155	**10.1**		2.03	0.169
Copper, Total	7440-50-8	50	270	270	**15.6**		0.894	0.231	**22.3**		0.947	0.244	**17.3**		0.915	0.236	**26**		0.832	0.214	**14.4**		0.932	0.24	**26**		1.02	0.262
Iron, Total	7439-89-6				**11600**		4.47	0.808	**13300**		4.73	0.855	**10900**		4.58	0.826	**12600**		4.16	0.751	**9460**		4.66	0.842	**17400**		5.08	0.918
Lead, Total	7439-92-1	63	400	400	**18**		4.47	0.24	**39.8**		4.73	0.254	**49.1**		4.58	0.245	**227**		4.16	0.223	**2.64**	J	4.66	0.25	**110**		5.08	0.272
Magnesium, Total	7439-95-4				**2600**		8.94	1.38	**3300**		9.47	1.46	**16700**		9.15	1.41	**9610**		8.32	1.28	**14900**		9.32	1.44	**4490**		10.2	1.56
Manganese, Total	7439-96-5	1600	2000	2000	**173**		0.894	0.142	**269**		0.947	0.15	**190**		0.915	0.146	**221**		0.832	0.132	**146**		0.932	0.148	**378**		1.02	0.162
Mercury, Total	7439-97-6	0.18	0.81	0.81	0.048	U	0.074	0.048	**0.065**	J	0.077	0.05	**0.057**	J	0.082	0.054	**0.113**		0.073	0.047	0.048	U	0.074	0.048	**0.117**		0.09	0.059
Nickel, Total	7440-02-0	30	140	310	**13.7**		2.24	0.216	**13.7**		2.37	0.229	**9.78**		2.29	0.221	**16.4**		2.08	0.201	**9.65**		2.33	0.226	**18.7**		2.54	0.246
Potassium, Total	7440-09-7				**1040**		224	12.9	**1340**		237	13.6	**1300**		229	13.2	**2550**		208	12	**1690**		233	13.4	**2160**		254	14.6
Selenium, Total	7782-49-2	3.9	36	180	0.231	U	1.79	0.231	0.244	U	1.89	0.244	0.236	U	1.83	0.236	0.214	U	1.66	0.214	0.24	U	1.86	0.24	0.262	U	2.03	0.262
Silver, Total	7440-22-4	2	36	180	0.253	U	0.894	0.253	0.268	U	0.947	0.268	0.259	U	0.915	0.259	0.235	U	0.832	0.235	0.264	U	0.932	0.264	0.288	U	1.02	0.288
Sodium, Total	7440-23-5				**97.8**	J	179	2.82	**115**	J	189	2.98	**62.6**	J	183	2.88	**155**	J	166	2.62	**42.6**	J	186	2.94	**65.1**	J	203	3.2
Thallium, Total	7440-28-0				0.282	U	1.79	0.282	0.298	U	1.89	0.298	0.288	U	1.83	0.288	0.262	U	1.66	0.262	0.294	U	1.86	0.294	0.32	U	2.03	0.32
Vanadium, Total	7440-62-2				**16.9**		0.894	0.182	**24**		0.947	0.192	**17.7**		0.915	0.186	**24.8**		0.832	0.169	**15**		0.932	0.189	**30.4**		1.02	0.206
Zinc, Total	7440-66-6	109	2200	10000	**37**		4.47	0.262	**51.5**		4.73	0.277	**53.8**		4.58	0.268	**120**		4.16	0.244	**27.2**		4.66	0.273	**86.2**		5.08	0.298
GENERAL CHEMISTRY																												
Solids, Total	NONE				87		0.1	NA	83.3		0.1	NA	84.5		0.1	NA	94		0.1	NA	84.6		0.1	NA	**75.8**		0.1	NA
Cyanide, Total	57-12-5	27	27	27	0.24	U	1.1	0.24	0.24	U	1.1	0.24	0.25	U	1.2	0.25	0.71	J	1	0.22	0.23	U	1.1	0.23	0.27	U	1.3	0.27

USCO	Compound Exceeds the Unrestricted Use Soil Cleanup Objectives (USCO)
RSCO	Compound Exceeds the Residential Soil Cleanup Objectives (RSCO)
RRSCO	Compound Exceeds the Retricted Residential Soil Cleanup Objectives (RRSCO)

Table 4A
Summary of Soil Sample Results
PCBs, Pesticides, Metals
70 Westchester Avenue, White Plains, New York

S-4 (2.5-3)				S-4 (9.5-10)				S-5 (4.5-5)				S-5 (7-7.5)				S-6 (15.5-16)				S-6 (2-2.5)				S-7 (1.5-2)				S-7 (16.5-17)				S-8 (1-1.5)			
L2037617-07				L2037617-08				L2037617-09				L2037617-10				L2037881-02				L2037881-01				L2037881-03				L2037881-04				L2037881-05			
9/10/2020				9/10/2020				9/10/2020				9/10/2020				9/11/2020				9/11/2020				9/11/2020				9/11/2020				9/11/2020			
SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
0.000356	U	0.00182	0.000356	0.000335	U	0.00171	0.000335	0.000357	U	0.00182	0.000357	0.000395	U	0.00202	0.000395	0.000337	U	0.00172	0.000337	0.000389	U	0.00199	0.000389	0.000368	U	0.00188	0.000368	0.000338	U	0.00173	0.000338	0.000333	U	0.0017	0.000333
0.000339	U	0.000758	0.000339	0.000319	U	0.000713	0.000319	0.000339	U	0.000759	0.000339	0.000375	U	0.00084	0.000375	0.00032	U	0.000717	0.00032	0.00037	U	0.000828	0.00037	0.00035	U	0.000783	0.00035	0.000322	U	0.00072	0.000322	0.000317	U	0.000708	0.000317
0.000215	U	0.000758	0.000215	0.000202	U	0.000713	0.000202	0.000216	U	0.000759	0.000216	0.000238	U	0.00084	0.000238	0.000204	U	0.000717	0.000204	0.000235	U	0.000828	0.000235	0.000222	U	0.000783	0.000222	0.000204	U	0.00072	0.000204	0.000201	U	0.000708	0.000201
0.00069	U	0.00182	0.00069	0.000649	U	0.00171	0.000649	0.000691	U	0.00182	0.000691	0.000764	U	0.00202	0.000764	0.000652	U	0.00172	0.000652	0.000753	U	0.00199	0.000753	0.000712	U	0.00188	0.000712	0.000655	U	0.00173	0.000655	0.000645	U	0.0017	0.000645
0.000408	U	0.00091	0.000408	0.000384	U	0.000856	0.000384	0.000408	U	0.000911	0.000408	0.000452	U	0.00101	0.000452	0.000386	U	0.00086	0.000386	0.000445	U	0.000993	0.000445	0.000421	U	0.000939	0.000421	0.000388	U	0.000864	0.000388	0.000381	U	0.00085	0.000381
0.000641	U	0.00182	0.000641	0.000602	U	0.00171	0.000602	0.000641	U	0.00182	0.000641	0.00071	U	0.00202	0.00071	0.000606	U	0.00172	0.000606	0.000699	U	0.00199	0.000699	0.000662	U	0.00188	0.000662	0.000609	U	0.00173	0.000609	0.000598	U	0.0017	0.000598
0.00102	U	0.00341	0.00102	0.000962	U	0.00321	0.000962	0.00102	U	0.00342	0.00102	0.00113	U	0.00378	0.00113	0.000968	U	0.00322	0.000968	0.00112	U	0.00372	0.00112	0.00106	U	0.00352	0.00106	0.000972	U	0.00324	0.000972	0.000956	U	0.00319	0.000956
0.000311	U	0.000758	0.000311	0.000292	U	0.000713	0.000292	0.000311	U	0.000759	0.000311	0.000344	U	0.00084	0.000344	0.000294	U	0.000717	0.000294	0.000339	U	0.000828	0.000339	0.000321	U	0.000783	0.000321	0.000295	U	0.00072	0.000295	0.00029	U	0.000708	0.00029
0.000796	U	0.00227	0.000796	0.000749	U	0.00214	0.000749	0.000797	U	0.00228	0.000797	0.000882	U	0.00252	0.000882	0.000753	U	0.00215	0.000753	0.000869	U	0.00248	0.000869	0.000822	U	0.00235	0.000822	0.000756	U	0.00216	0.000756	0.000744	U	0.00212	0.000744
0.000469	U	0.00182	0.000469	0.000441	U	0.00171	0.000441	0.000469	U	0.00182	0.000469	0.000519	U	0.00202	0.000519	0.000443	U	0.00172	0.000443	0.000512	U	0.00199	0.000512	0.000484	U	0.00188	0.000484	0.000445	U	0.00173	0.000445	0.000438	U	0.0017	0.000438
0.000569	U	0.00114	0.000569	0.000535	U	0.00107	0.000535	0.000569	U	0.00114	0.000569	0.00063	U	0.00126	0.00063	0.000538	U	0.00108	0.000538	0.000621	U	0.00124	0.000621	0.000587	U	0.00117	0.000587	0.00054	U	0.00108	0.00054	0.000531	U	0.00106	0.000531
0.00454		0.00182	0.000421	0.000396	U	0.00171	0.000396	0.000421	U	0.00182	0.000421	0.000466	U	0.00202	0.000466	0.000398	U	0.00172	0.000398	0.000459	U	0.00199	0.000459	0.000434	U	0.00188	0.000434	0.0004	U	0.00173	0.0004	**0.00636**		0.0017	0.000393
0.000981	**J**	0.00182	0.000649	0.00061	U	0.00171	0.00061	**0.00278**		0.00182	0.00065	0.000719	U	0.00202	0.000719	0.000614	U	0.00172	0.000614	0.000708	U	0.00199	0.000708	0.00067	U	0.00188	0.00067	0.000616	U	0.00173	0.000616	**0.00095**	**J**	0.0017	0.000606
0.00314	**JIP**	0.00341	0.00146	0.00138	U	0.00321	0.00138	0.00146	U	0.00342	0.00146	0.00162	U	0.00378	0.00162	0.00138	U	0.00322	0.00138	0.0016	U	0.00372	0.0016	0.00151	U	0.00352	0.00151	0.00139	U	0.00324	0.00139	**0.00785**		0.00319	0.00137
0.00043	U	0.00182	0.00043	0.000404	U	0.00171	0.000404	0.00043	U	0.00182	0.00043	0.000476	U	0.00202	0.000476	0.000406	U	0.00172	0.000406	0.000469	U	0.00199	0.000469	0.000444	U	0.00188	0.000444	0.000408	U	0.00173	0.000408	0.000402	U	0.0017	0.000402
0.000608	U	0.00182	0.000608	0.000572	U	0.00171	0.000572	0.000609	U	0.00182	0.000609	0.000674	U	0.00202	0.000674	0.000575	U	0.00172	0.000575	0.000664	U	0.00199	0.000664	0.000628	U	0.00188	0.000628	0.000578	U	0.00173	0.000578	0.000568	U	0.0017	0.000568
0.000361	U	0.000758	0.000361	0.000339	U	0.000713	0.000339	0.000361	U	0.000759	0.000361	0.0004	U	0.00084	0.0004	0.000341	U	0.000717	0.000341	0.000394	U	0.000828	0.000394	0.000373	U	0.000783	0.000373	0.000343	U	0.00072	0.000343	0.000337	U	0.000708	0.000337
0.00106	U	0.00341	0.00106	0.000998	U	0.00321	0.000998	0.00106	U	0.00342	0.00106	0.00118	U	0.00378	0.00118	0.001	U	0.00322	0.001	0.00116	U	0.00372	0.00116	0.0011	U	0.00352	0.0011	0.00101	U	0.00324	0.00101	0.000992	U	0.00319	0.000992
0.00955	U	0.0341	0.00955	0.00898	U	0.0321	0.00898	0.00956	U	0.0342	0.00956	0.0106	U	0.0378	0.0106	0.00903	U	0.0322	0.00903	0.0104	U	0.0372	0.0104	0.00986	U	0.0352	0.00986	0.00908	U	0.0324	0.00908	0.00892	U	0.0319	0.00892
0.000634	U	0.00227	0.000634	0.000596	U	0.00214	0.000596	0.000634	U	0.00228	0.000634	0.000702	U	0.00252	0.000702	0.000599	U	0.00215	0.000599	0.000692	U	0.00248	0.000692	0.000654	U	0.00235	0.000654	0.000602	U	0.00216	0.000602	0.000592	U	0.00212	0.000592
0.000856	**JIP**	0.00227	0.0006	0.000565	U	0.00214	0.000565	0.000601	U	0.00228	0.000601	0.000665	U	0.00252	0.000665	0.000568	U	0.00215	0.000568	0.000656	U	0.00248	0.000656	0.00062	U	0.00235	0.00062	0.00057	U	0.00216	0.00057	0.000561	U	0.00212	0.000561
0.00603	U	0.0152	0.00603	0.00567	U	0.0143	0.00567	0.00603	U	0.0152	0.00603	0.00668	U	0.0168	0.00668	0.0057	U	0.0143	0.0057	0.00658	U	0.0166	0.00658	0.00622	U	0.0156	0.00622	0.00573	U	0.0144	0.00573	0.00563	U	0.0142	0.00563
0.0034	U	0.0383	0.0034	0.00318	U	0.0358	0.00318	0.00335	U	0.0378	0.00335	0.00364	U	0.041	0.00364	0.00312	U	0.0352	0.00312	0.00374	U	0.0421	0.00374	0.00362	U	0.0407	0.00362	0.00328	U	0.0369	0.00328	0.0031	U	0.0349	0.0031
0.00384	U	0.0383	0.00384	0.00359	U	0.0358	0.00359	0.00378	U	0.0378	0.00378	0.00411	U	0.041	0.00411	0.00353	U	0.0352	0.00353	0.00422	U	0.0421	0.00422	0.00408	U	0.0407	0.00408	0.0037	U	0.0369	0.0037	0.0035	U	0.0349	0.0035
0.00812	U	0.0383	0.00812	0.0076	U	0.0358	0.0076	0.00801	U	0.0378	0.00801	0.0087	U	0.041	0.0087	0.00746	U	0.0352	0.00746	0.00892	U	0.0421	0.00892	0.00863	U	0.0407	0.00863	0.00783	U	0.0369	0.00783	0.0074	U	0.0349	0.0074
0.00516	U	0.0383	0.00516	0.00483	U	0.0358	0.00483	0.00509	U	0.0378	0.00509	0.00553	U	0.041	0.00553	0.00474	U	0.0352	0.00474	0.00567	U	0.0421	0.00567	0.00549	U	0.0407	0.00549	0.00498	U	0.0369	0.00498	0.00471	U	0.0349	0.00471
0.00575	U	0.0383	0.00575	0.00538	U	0.0358	0.00538	0.00566	U	0.0378	0.00566	0.00616	U	0.041	0.00616	0.00528	U	0.0352	0.00528	0.00631	U	0.0421	0.00631	0.00611	U	0.0407	0.00611	0.00554	U	0.0369	0.00554	0.00524	U	0.0349	0.00524
0.00419	U	0.0383	0.00419	0.00392	U	0.0358	0.00392	0.00413	U	0.0378	0.00413	0.00449	U	0.041	0.00449	0.00385	U	0.0352	0.00385	0.0046	U	0.0421	0.0046	0.00445	U	0.0407	0.00445	0.00404	U	0.0369	0.00404	0.00382	U	0.0349	0.00382
0.00708	U	0.0383	0.00708	0.00662	U	0.0358	0.00662	0.00698	U	0.0378	0.00698	0.00758	U	0.041	0.00758	0.0065	U	0.0352	0.0065	0.00777	U	0.0421	0.00777	0.00752	U	0.0407	0.00752	0.00682	U	0.0369	0.00682	0.00645	U	0.0349	0.00645
0.00486	U	0.0383	0.00486	0.00455	U	0.0358	0.00455	0.0048	U	0.0378	0.0048	0.00521	U	0.041	0.00521	0.00447	U	0.0352	0.00447	0.00534	U	0.0421	0.00534	0.00517	U	0.0407	0.00517	0.00469	U	0.0369	0.00469	0.00444	U	0.0349	0.00444
0.00397	U	0.0383	0.00397	0.00371	U	0.0358	0.00371	0.00391	U	0.0378	0.00391	0.00425	U	0.041	0.00425	0.00364	U	0.0352	0.00364	0.00436	U	0.0421	0.00436	0.00422	U	0.0407	0.00422	0.00382	U	0.0369	0.00382	0.00362	U	0.0349	0.00362
0.0034	U	0.0383	0.0034	0.00318	U	0.0358	0.00318	0.00335	U	0.0378	0.00335	0.00364	U	0.041	0.00364	0.00312	U	0.0352	0.00312	0.00374	U	0.0421	0.00374	0.00362	U	0.0407	0.00362	0.00328	U	0.0369	0.00328	0.0031	U	0.0349	0.0031
9600		9.41	2.54	**10100**		8.58	2.32	**10300**		9.14	2.47	**17100**		9.82	2.65	**4690**		8.39	2.26	**17000**		10	2.71	**12900**		9.68	2.61	**2520**		8.76	2.37	**7190**		8.76	2.36
0.357	U	4.7	0.357	0.326	U	4.29	0.326	0.347	U	4.57	0.347	0.373	U	4.91	0.373	0.319	U	4.19	0.319	0.382	U	5.02	0.382	0.368	U	4.84	0.368	0.333	U	4.38	0.333	0.333	U	4.38	0.333
3.54		0.941	0.196	**1.83**		0.858	0.178	**3.69**		0.914	0.19	**4.77**		0.982	0.204	**1.17**		0.839	0.174	**4.15**		1	0.209	**5.02**		0.968	0.201	**0.333**	**J**	0.876	0.182	**5.15**		0.876	0.182
634		0.941	0.164	**47.9**		0.858	0.149	**383**		0.914	0.159	**66**		0.982	0.171	**51.4**		0.839	0.146	**62.9**		1	0.175	**122**		0.968	0.168	**24**		0.876	0.152	**55.5**		0.876	0.152
0.282	**J**	0.47	0.031	**0.189**	**J**	0.429	0.028	**0.119**	**J**	0.457	0.03	**0.304**	**J**	0.491	0.032	0.028	U	0.419	0.028	**0.332**	**J**	0.502	0.033	**0.194**	**J**	0.484	0.032	0.029	U	0.438	0.029	0.029	U	0.438	0.029
0.442	**J**	0.941	0.092	**0.257**	**J**	0.858	0.084	**0.859**	**J**	0.914	0.09	**0.334**	**J**	0.982	0.096	**0.252**	**J**	0.839	0.082	**0.774**	**J**	1	0.098	**0.504**	**J**	0.968	0.095	**0.202**	**J**	0.876	0.086	**0.552**	**J**	0.876	0.086
17000		9.41	3.29	**438**		8.58	3	**3420**		9.14	3.2	**1290**		9.82	3.44	**3210**		8.39	2.94	**1950**		10	3.52	**1660**		9.68	3.39	**775**		8.76	3.07	**13400**		8.76	3.06
13.4		0.941	0.09	**13**		0.858	0.082	**14.9**		0.914	0.088	**19**		0.982	0.094	**9.76**		0.839	0.081	**20.5**		1	0.096	**18.2**		0.968	0.093	**7.76**		0.876	0.084	**11.5**		0.876	0.084
4.75		1.88	0.156	**7.78**		1.72	0.142	**7.58**		1.83	0.152	**8.95**		1.96	0.163	**4.18**		1.68	0.139	**8.01**		2.01	0.167	**7.11**		1.94	0.161	**2.6**		1.75	0.145	**6.71**		1.75	0.145
12.2		0.941	0.243	**11**		0.858	0.221	**38.9**		0.914	0.236	**17.2**		0.982	0.253	**9.94**		0.839	0.216	**9.09**		1	0.259	**970**		0.968	0.25	**4.96**		0.876	0.226	**43.8**		0.876	0.226
11100		4.7	0.849	**12700**		4.29	0.774	**14800**		4.57	0.826	**19100**		4.91	0.886	**8760**		4.19	0.758	**24600**		5.02	0.907	**19200**		4.84	0.874	**5890**		4.38	0.791	**16800**		4.38	0.791
474		4.7	0.252	**5.76**		4.29	0.23	**168**		4.57	0.245	**11.2**		4.91	0.263	**23.8**		4.19	0.225	**22.2**		5.02	0.269	**59.7**		4.84	0.26	**2.72**	**J**	4.38	0.235	**17.5**		4.38	0.235
6160		9.41	1.45	**3610**		8.58	1.32	**3620**		9.14	1.41	**4050**		9.82	1.51	**1860**		8.39	1.29	**3380**		10	1.55	**3180**		9.68	1.49	**1490**		8.76	1.35	**5460**		8.76	1.35
193		0.941	0.15	**292**		0.858	0.136	**183**		0.914	0.145	**198**		0.982	0.156	**112**		0.839	0.133	**210**		1	0.16	**413**		0.968	0.154	**214**		0.876	0.139	**168**		0.876	0.139
0.094		0.081	0.053	0.05	U	0.077	0.05	**0.135**		0.08	0.052	0.055	U	0.084	0.055	0.05	U	0.077	0.05	**0.092**		0.086	0.056	**0.086**		0.079	0.052	0.048	U	0.073	0.048	**0.089**		0.075	0.049
7.59		2.35	0.228	**11.2**		2.14	0.208	**10.4**		2.28	0.221	**14.1**		2.45	0.238	**7.5**		2.1	0.203	**14.5**		2.51	0.243	**11.6**		2.42	0.234	**5.08**		2.19	0.212	**10.6**		2.19	0.212
659		235	13.5	**882**		214	12.3	**1070**		228	13.2	**1100**		245	14.1	**1350**		210	12.1	**952**		251	14.5	**1080**		242	13.9	**630**		219	12.6	**1170**		219	12.6
0.724	**J**	1.88	0.243	0.221	U	1.72	0.221	**0.448**	**J**	1.83	0.236	0.253	U	1.96	0.253	0.216	U	1.68	0.216	0.259	U	2.01	0.259	**0.649**	**J**	1.94	0.25	**0.333**	**J**	1.75	0.226	**0.403**	**J**	1.75	0.226
0.266	U	0.941	0.266	0.243	U	0.858	0.243	0.259	U	0.914	0.259	0.278	U	0.982	0.278	0.237	U	0.839	0.237	0.284	U	1	0.284	0.274	U	0.968	0.274	0.248	U	0.876	0.248	0.248	U	0.876	0.248
74.9	**J**	188	2.96	**21.5**	**J**	172	2.7	**167**	**J**	183	2.88	**124**	**J**	196	3.09	**167**	**J**	168	2.64	**574**		201	3.16	**167**	**J**	194	3.05	**53.6**	**J**	175	2.76	**361**		175	2.76
0.296	U	1.88	0.296	0.27	U	1.72	0.27	0.288	U	1.83	0.288	0.309	U	1.96	0.309	0.264	U	1.68	0.264	0.316	U	2.01	0.316	0.305	U	1.94	0.305	0.276	U	1.75	0.276	0.276	U	1.75	0.276
16.2		0.941	0.191	**19.2**		0.858	0.174	**32**		0.914	0.186	**31.4**		0.982	0.199	**12.9**		0.839	0.17	**33.2**		1	0.204	**26.4**		0.968	0.196	**8.19**		0.876	0.178	**23**		0.876	0.178
402		4.7	0.276	**31.6**		4.29	0.251	**261**		4.57	0.268	**50.1**		4.91	0.288	**24.9**		4.19	0.246	**58**		5.02	0.294	**166**		4.84	0.284	**15.9**		4.38	0.257	**42.8**		4.38	0.257
84.1		0.1	NA	90.6		0.1	NA	86.8		0.1	NA	78.6		0.1	NA	91.9		0.1	NA	78.5		0.1	NA	81		0.1	NA	87.1		0.1	NA	90.9		0.1	NA
0.23	U	1.1	0.23	0.22	U	1	0.22	0.24	U	1.1	0.24	0.26	U	1.2	0.26	0.22	U	1	0.22	0.27	U	1.3	0.27	0.26	U	1.2	0.26	0.24	U	1.1	0.24	0.23	U	1.1	0.23

Table 4A
Summary of Soil Sample Results
PCBs, Pesticides, Metals
70 Westchester Avenue, White Plains, New York

S-8 (12-12.5)				S-8 (7.5-8)				S-9 (12.5-13)				S-9 (2.5-3)				S-9 (6.5-7)				SB-10 (1-2)				SB-10 (14-15)				SB-10 (8-9)				SB-11 (10-11)			
L2037881-07				L2037881-06				L2037881-10				L2037881-08				L2037881-09				L2038294-01				L2038294-03				L2038294-02				L2038294-05			
9/11/2020				9/11/2020				9/11/2020				9/11/2020				9/11/2020				9/14/2020				9/14/2020				9/14/2020				9/14/2020			
SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
0.000361	U	0.00184	0.000361	0.000377	U	0.00193	0.000377	0.000324	U	0.00166	0.000324	0.000362	U	0.00185	0.000362	0.000336	U	0.00171	0.000336	0.00036	U	0.00184	0.00036	0.000363	U	0.00186	0.000363	0.000347	U	0.00177	0.000347	0.000364	U	0.00186	0.000364
0.000344	U	0.000769	0.000344	0.000359	U	0.000803	0.000359	0.000308	U	0.00069	0.000308	0.000345	U	0.000771	0.000345	0.000319	U	0.000714	0.000319	0.000343	U	0.000767	0.000343	0.000346	U	0.000773	0.000346	0.00033	U	0.000738	0.00033	0.000347	U	0.000775	0.000347
0.000218	U	0.000769	0.000218	0.000228	U	0.000803	0.000228	0.000196	U	0.00069	0.000196	0.000219	U	0.000771	0.000219	0.000203	U	0.000714	0.000203	0.000218	U	0.000767	0.000218	0.00022	U	0.000773	0.00022	0.00021	U	0.000738	0.00021	0.00022	U	0.000775	0.00022
0.0007	U	0.00184	0.0007	0.000731	U	0.00193	0.000731	0.000628	U	0.00166	0.000628	0.000702	U	0.00185	0.000702	0.00065	U	0.00171	0.00065	0.000698	U	0.00184	0.000698	0.000704	U	0.00186	0.000704	0.000672	U	0.00177	0.000672	0.000706	U	0.00186	0.000706
0.000414	U	0.000923	0.000414	0.000432	U	0.000964	0.000432	0.000371	U	0.000828	0.000371	0.000415	U	0.000925	0.000415	0.000384	U	0.000857	0.000384	0.000412	U	0.00092	0.000412	0.000416	U	0.000928	0.000416	0.000397	U	0.000886	0.000397	0.000417	U	0.00093	0.000417
0.00065	U	0.00184	0.00065	0.000679	U	0.00193	0.000679	0.000583	U	0.00166	0.000583	0.000652	U	0.00185	0.000652	0.000603	U	0.00171	0.000603	0.000648	U	0.00184	0.000648	0.000653	U	0.00186	0.000653	0.000624	U	0.00177	0.000624	0.000655	U	0.00186	0.000655
0.00104	U	0.00346	0.00104	0.00108	U	0.00361	0.00108	0.000932	U	0.0031	0.000932	0.00104	U	0.00347	0.00104	0.000964	U	0.00321	0.000964	0.00104	U	0.00345	0.00104	0.00104	U	0.00348	0.00104	0.000997	U	0.00332	0.000997	0.00105	U	0.00349	0.00105
0.000315	U	0.000769	0.000315	0.000329	U	0.000803	0.000329	0.000283	U	0.00069	0.000283	0.000316	U	0.000771	0.000316	0.000293	U	0.000714	0.000293	0.000314	U	0.000767	0.000314	0.000317	U	0.000773	0.000317	0.000303	U	0.000738	0.000303	0.000318	U	0.000775	0.000318
0.000807	U	0.00231	0.000807	0.000843	U	0.00241	0.000843	0.000724	U	0.00207	0.000724	0.00081	U	0.00231	0.00081	0.00075	U	0.00214	0.00075	0.000805	U	0.0023	0.000805	0.000812	U	0.00232	0.000812	0.000775	U	0.00221	0.000775	0.000814	U	0.00233	0.000814
0.000475	U	0.00184	0.000475	0.000496	U	0.00193	0.000496	0.000426	U	0.00166	0.000426	0.000476	U	0.00185	0.000476	0.000441	U	0.00171	0.000441	0.000474	U	0.00184	0.000474	0.000478	U	0.00186	0.000478	0.000456	U	0.00177	0.000456	0.000479	U	0.00186	0.000479
0.000577	U	0.00115	0.000577	0.000602	U	0.0012	0.000602	0.000518	U	0.00104	0.000518	0.000578	U	0.00116	0.000578	0.000536	U	0.00107	0.000536	0.000575	U	0.00115	0.000575	0.00058	U	0.00116	0.00058	0.000554	U	0.00111	0.000554	0.000582	U	0.00116	0.000582
0.000427	U	0.00184	0.000427	0.000446	U	0.00193	0.000446	0.000383	U	0.00166	0.000383	**0.00098**	**J**	0.00185	0.000428	0.000396	U	0.00171	0.000396	**0.00229**		0.00184	0.000426	0.000429	U	0.00186	0.000429	**0.000599**	**J**	0.00177	0.00041	**0.000581**	**J**	0.00186	0.00043
0.000658	U	0.00184	0.000658	0.000688	U	0.00193	0.000688	0.000591	U	0.00166	0.000591	0.00066	U	0.00185	0.00066	0.000611	U	0.00171	0.000611	**0.0281**		0.00184	0.000656	**0.00565**		0.00186	0.000662	0.000632	U	0.00177	0.000632	**0.00453**		0.00186	0.000664
0.00148	U	0.00346	0.00148	0.00155	U	0.00361	0.00155	0.00133	U	0.0031	0.00133	**0.0049**		0.00347	0.00149	0.00138	U	0.00321	0.00138	0.00148	U	0.00345	0.00148	0.00149	U	0.00348	0.00149	0.00142	U	0.00332	0.00142	0.0015	U	0.00349	0.0015
0.000436	U	0.00184	0.000436	0.000455	U	0.00193	0.000455	0.000391	U	0.00166	0.000391	0.000437	U	0.00185	0.000437	0.000405	U	0.00171	0.000405	0.000435	U	0.00184	0.000435	0.000438	U	0.00186	0.000438	0.000419	U	0.00177	0.000419	0.00044	U	0.00186	0.00044
0.000617	U	0.00184	0.000617	0.000644	U	0.00193	0.000644	0.000553	U	0.00166	0.000553	0.000618	U	0.00185	0.000618	0.000573	U	0.00171	0.000573	0.000615	U	0.00184	0.000615	0.00062	U	0.00186	0.00062	0.000592	U	0.00177	0.000592	0.000622	U	0.00186	0.000622
0.000366	U	0.000769	0.000366	0.000382	U	0.000803	0.000382	0.000328	U	0.00069	0.000328	0.000367	U	0.000771	0.000367	0.00034	U	0.000714	0.00034	0.000365	U	0.000767	0.000365	0.000368	U	0.000773	0.000368	0.000351	U	0.000738	0.000351	0.000369	U	0.000775	0.000369
0.00108	U	0.00346	0.00108	0.00112	U	0.00361	0.00112	0.000966	U	0.0031	0.000966	0.00108	U	0.00347	0.00108	0.001	U	0.00321	0.001	0.00107	U	0.00345	0.00107	0.00108	U	0.00348	0.00108	0.00103	U	0.00332	0.00103	0.00108	U	0.00349	0.00108
0.00969	U	0.0346	0.00969	0.0101	U	0.0361	0.0101	0.00869	U	0.031	0.00869	0.00972	U	0.0347	0.00972	0.009	U	0.0321	0.009	0.00966	U	0.0345	0.00966	0.00974	U	0.0348	0.00974	0.0093	U	0.0332	0.0093	0.00977	U	0.0349	0.00977
0.000643	U	0.00231	0.000643	0.000671	U	0.00241	0.000671	0.000577	U	0.00207	0.000577	0.000645	U	0.00231	0.000645	0.000597	U	0.00214	0.000597	0.000641	U	0.0023	0.000641	0.000646	U	0.00232	0.000646	0.000617	U	0.00221	0.000617	0.000648	U	0.00233	0.000648
0.000609	U	0.00231	0.000609	0.000636	U	0.00241	0.000636	0.000546	U	0.00207	0.000546	0.000611	U	0.00231	0.000611	0.000566	U	0.00214	0.000566	0.000607	U	0.0023	0.000607	0.000612	U	0.00232	0.000612	0.000585	U	0.00221	0.000585	0.000614	U	0.00233	0.000614
0.00611	U	0.0154	0.00611	0.00638	U	0.0161	0.00638	0.00548	U	0.0138	0.00548	0.00613	U	0.0154	0.00613	0.00568	U	0.0143	0.00568	0.0061	U	0.0153	0.0061	0.00615	U	0.0155	0.00615	0.00587	U	0.0148	0.00587	0.00616	U	0.0155	0.00616
0.00338	U	0.0381	0.00338	0.00365	U	0.0411	0.00365	0.00318	U	0.0358	0.00318	0.00327	U	0.0368	0.00327	0.00314	U	0.0354	0.00314	0.00346	U	0.039	0.00346	0.00346	U	0.0389	0.00346	0.00328	U	0.037	0.00328	0.00338	U	0.0381	0.00338
0.00382	U	0.0381	0.00382	0.00412	U	0.0411	0.00412	0.00359	U	0.0358	0.00359	0.00368	U	0.0368	0.00368	0.00355	U	0.0354	0.00355	0.00391	U	0.039	0.00391	0.0039	U	0.0389	0.0039	0.0037	U	0.037	0.0037	0.00382	U	0.0381	0.00382
0.00808	U	0.0381	0.00808	0.00872	U	0.0411	0.00872	0.00759	U	0.0358	0.00759	0.0078	U	0.0368	0.0078	0.00751	U	0.0354	0.00751	0.00827	U	0.039	0.00827	0.00825	U	0.0389	0.00825	0.00784	U	0.037	0.00784	0.00808	U	0.0381	0.00808
0.00514	U	0.0381	0.00514	0.00554	U	0.0411	0.00554	0.00483	U	0.0358	0.00483	0.00496	U	0.0368	0.00496	0.00477	U	0.0354	0.00477	0.00526	U	0.039	0.00526	0.00524	U	0.0389	0.00524	0.00498	U	0.037	0.00498	0.00514	U	0.0381	0.00514
0.00572	U	0.0381	0.00572	0.00617	U	0.0411	0.00617	0.00537	U	0.0358	0.00537	0.00552	U	0.0368	0.00552	0.00531	U	0.0354	0.00531	0.00585	U	0.039	0.00585	0.00584	U	0.0389	0.00584	0.00554	U	0.037	0.00554	0.00572	U	0.0381	0.00572
0.00417	U	0.0381	0.00417	0.0045	U	0.0411	0.0045	0.00392	U	0.0358	0.00392	0.00402	U	0.0368	0.00402	0.00387	U	0.0354	0.00387	0.00427	U	0.039	0.00427	0.00426	U	0.0389	0.00426	0.00404	U	0.037	0.00404	0.00417	U	0.0381	0.00417
0.00704	U	0.0381	0.00704	0.0076	U	0.0411	0.0076	0.00662	U	0.0358	0.00662	**0.0138**	**J**	0.0368	0.0068	0.00654	U	0.0354	0.00654	0.00721	U	0.039	0.00721	0.00719	U	0.0389	0.00719	0.00683	U	0.037	0.00683	0.00704	U	0.0381	0.00704
0.00484	U	0.0381	0.00484	0.00522	U	0.0411	0.00522	0.00455	U	0.0358	0.00455	0.00467	U	0.0368	0.00467	0.0045	U	0.0354	0.0045	0.00495	U	0.039	0.00495	0.00494	U	0.0389	0.00494	0.00469	U	0.037	0.00469	0.00484	U	0.0381	0.00484
0.00395	U	0.0381	0.00395	0.00426	U	0.0411	0.00426	0.00371	U	0.0358	0.00371	0.00381	U	0.0368	0.00381	0.00367	U	0.0354	0.00367	0.00404	U	0.039	0.00404	0.00403	U	0.0389	0.00403	0.00383	U	0.037	0.00383	0.00395	U	0.0381	0.00395
0.00338	U	0.0381	0.00338	0.00365	U	0.0411	0.00365	0.00318	U	0.0358	0.00318	**0.0138**	**J**	0.0368	0.00327	0.00314	U	0.0354	0.00314	0.00346	U	0.039	0.00346	0.00346	U	0.0389	0.00346	0.00328	U	0.037	0.00328	0.00338	U	0.0381	0.00338
3330		9.07	2.45	**15400**		9.74	2.63	**3040**		8.38	2.26	**7020**		9.06	2.44	**15300**		8.61	2.32	**15200**		9.23	2.49	**3020**		9.38	2.53	**12200**		8.87	2.4	**3160**		9.25	2.5
0.345	U	4.54	0.345	0.37	U	4.87	0.37	0.318	U	4.19	0.318	0.344	U	4.53	0.344	0.327	U	4.3	0.327	0.351	U	4.61	0.351	0.356	U	4.69	0.356	0.337	U	4.44	0.337	0.352	U	4.63	0.352
0.245	**J**	0.907	0.189	**4.35**		0.974	0.202	**0.436**	**J**	0.838	0.174	**2.71**		0.906	0.188	**4.15**		0.861	0.179	**5.47**		0.923	0.192	**0.975**		0.938	0.195	**3.9**		0.887	0.184	**1.16**		0.925	0.192
35.4		0.907	0.158	**44.3**		0.974	0.169	**19.4**		0.838	0.146	**57.8**		0.906	0.158	**61**		0.861	0.15	**59.3**		0.923	0.16	**33**		0.938	0.163	**40.7**		0.887	0.154	**30.2**		0.925	0.161
0.03	U	0.454	0.03	0.032	U	0.487	0.032	0.028	U	0.419	0.028	0.03	U	0.453	0.03	**0.095**	**J**	0.43	0.028	**0.268**	**J**	0.461	0.03	0.031	U	0.469	0.031	**0.257**	**J**	0.444	0.029	0.031	U	0.463	0.031
0.2	**J**	0.907	0.089	**0.584**	**J**	0.974	0.095	**0.193**	**J**	0.838	0.082	**0.715**	**J**	0.906	0.089	**0.542**	**J**	0.861	0.084	**0.526**	**J**	0.923	0.09	**0.206**	**J**	0.938	0.092	**0.364**	**J**	0.887	0.087	**0.204**	**J**	0.925	0.091
1140		9.07	3.18	**803**		9.74	3.41	**891**		8.38	2.93	**12800**		9.06	3.17	**1680**		8.61	3.01	**1850**		9.23	3.23	**16700**		9.38	3.28	**924**		8.87	3.1	**3070**		9.25	3.24
7.98		0.907	0.087	**21.5**		0.974	0.094	**7.7**		0.838	0.08	**18.8**		0.906	0.087	**17.4**		0.861	0.083	**16.3**		0.923	0.089	**9.27**		0.938	0.09	**15.1**		0.887	0.085	**10.8**		0.925	0.089
3.45		1.81	0.151	**9.49**		1.95	0.162	**2.64**		1.68	0.139	**10.3**		1.81	0.15	**9.38**		1.72	0.143	**8.3**		1.84	0.153	**4.48**		1.88	0.156	**9.83**		1.77	0.147	**4.65**		1.85	0.154
7.65		0.907	0.234	**15.1**		0.974	0.251	**6.68**		0.838	0.216	**41.5**		0.906	0.234	**9.38**		0.861	0.222	**12.2**		0.923	0.238	**7.88**		0.938	0.242	**11.2**		0.887	0.229	**8.63**		0.925	0.239
7090		4.54	0.819	**22200**		4.87	0.879	**6680**		4.19	0.756	**18800**		4.53	0.818	**22200**		4.3	0.777	**19600**		4.61	0.833	**8150**		4.69	0.847	**17900**		4.44	0.801	**8880**		4.63	0.836
2.35	**J**	4.54	0.243	**12.3**		4.87	0.261	**3.36**	**J**	4.19	0.224	**29.8**		4.53	0.243	**11**		4.3	0.231	**33**		4.61	0.247	**2.1**	**J**	4.69	0.251	**6.61**		4.44	0.238	**2.56**	**J**	4.63	0.248
1790		9.07	1.4	**4060**		9.74	1.5	**2070**		8.38	1.29	**4110**		9.06	1.39	**3260**		8.61	1.32	**3740**		9.23	1.42	**11600**		9.38	1.44	**3240**		8.87	1.37	**3080**		9.25	1.42
118		0.907	0.144	**259**		0.974	0.155	**100**		0.838	0.133	**314**		0.906	0.144	**466**		0.861	0.137	**285**		0.923	0.147	**168**		0.938	0.149	**293**		0.887	0.141	**160**		0.925	0.147
0.049	U	0.076	0.049	0.058	U	0.088	0.058	0.05	U	0.077	0.05	0.056	U	0.086	0.056	0.051	U	0.079	0.051	0.059	U	0.09	0.059	0.053	U	0.081	0.053	0.052	U	0.08	0.052	0.05	U	0.077	0.05
6.32		2.27	0.22	**15.2**		2.43	0.236	**5.37**		2.09	0.203	**15.9**		2.26	0.219	**12.1**		2.15	0.208	**12.9**		2.31	0.223	**7.17**		2.34	0.227	**13.1**		2.22	0.215	**7.59**		2.31	0.224
929		227	13.1	**908**		243	14	**554**		209	12.1	**2140**		226	13	**656**		215	12.4	**860**		231	13.3	**1310**		234	13.5	**967**		222	12.8	**1240**		231	13.3
0.234	U	1.81	0.234	0.251	U	1.95	0.251	0.216	U	1.68	0.216	**0.453**	**J**	1.81	0.234	0.222	U	1.72	0.222	0.238	U	1.84	0.238	0.242	U	1.88	0.242	0.229	U	1.77	0.229	0.239	U	1.85	0.239
0.257	U	0.907	0.257	0.276	U	0.974	0.276	0.237	U	0.838	0.237	0.256	U	0.906	0.256	0.244	U	0.861	0.244	0.261	U	0.923	0.261	0.265	U	0.938	0.265	0.251	U	0.887	0.251	0.262	U	0.925	0.262
55.8	**J**	181	2.86	**70.9**	**J**	195	3.07	**133**	**J**	168	2.64	**166**	**J**	181	2.85	**144**	**J**	172	2.71	**53.7**	**J**	184	2.91	**111**	**J**	188	2.95	**75.7**	**J**	177	2.8	**116**	**J**	185	2.91
0.286	U	1.81	0.286	0.307	U	1.95	0.307	0.264	U	1.68	0.264	0.285	U	1.81	0.285	0.271	U	1.72	0.271	0.291	U	1.84	0.291	0.295	U	1.88	0.295	0.28	U	1.77	0.28	0.291	U	1.85	0.291
11.3		0.907	0.184	**33.7**		0.974	0.198	**9.91**		0.838	0.17	**30.1**		0.906	0.184	**28.5**		0.861	0.175	**28.2**		0.923	0.187	**11.6**		0.938	0.19	**25.7**		0.887	0.18	**13.3**		0.925	0.188
18.5		4.54	0.266	**50.4**		4.87	0.285	**17.7**		4.19	0.245	**65.9**		4.53	0.265	**46.7**		4.3	0.252	**56.3**		4.61	0.27	**25.2**		4.69	0.275	**32.6**		4.44	0.26	**26.9**		4.63	0.271
83.8		0.1	NA	79		0.1	NA	92.6		0.1	NA	85.6		0.1	NA	90.4		0.1	NA	84.4		0.1	NA	81.9		0.1	NA	87.5		0.1	NA	83.9		0.1	NA
0.24	U	1.1	0.24	0.26	U	1.2	0.26	0.23	U	1.1	0.23	0.24	U	1.1	0.24	0.22	U	1	0.22	0.24	U	1.2	0.24	0.24	U	1.1	0.24	0.22	U	1	0.22	0.25	U	1.2	0.25

Table 4A
Summary of Soil Sample Results
PCBs, Pesticides, Metals
70 Westchester Avenue, White Plains, New York

SB-11 (2-3)				SB-12 (4-5)				SB-12 (8-9)			
L2038294-04				L2038294-06				L2038294-07			
9/14/2020				9/14/2020				9/14/2020			
SOIL				SOIL				SOIL			
Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
0.00032	U	0.00164	0.00032	0.000313	U	0.0016	0.000313	0.000354	U	0.00181	0.000354
0.000305	U	0.000681	0.000305	0.000298	U	0.000666	0.000298	0.000337	U	0.000754	0.000337
0.000194	U	0.000681	0.000194	0.000189	U	0.000666	0.000189	0.000214	U	0.000754	0.000214
0.00062	U	0.00164	0.00062	0.000606	U	0.0016	0.000606	0.000686	U	0.00181	0.000686
0.000367	U	0.000818	0.000367	0.000358	U	0.0008	0.000358	0.000406	U	0.000905	0.000406
0.000576	U	0.00164	0.000576	0.000563	U	0.0016	0.000563	0.000637	U	0.00181	0.000637
0.00092	U	0.00307	0.00092	0.0009	U	0.003	0.0009	0.00102	U	0.00339	0.00102
0.000279	U	0.000681	0.000279	0.000273	U	0.000666	0.000273	0.000309	U	0.000754	0.000309
0.000716	U	0.00204	0.000716	0.0007	U	0.002	0.0007	0.000792	U	0.00226	0.000792
0.000421	U	0.00164	0.000421	0.000412	U	0.0016	0.000412	0.000466	U	0.00181	0.000466
0.000511	U	0.00102	0.000511	0.0005	U	0.001	0.0005	0.000566	U	0.00113	0.000566
0.000378	U	0.00164	0.000378	0.00037	U	0.0016	0.00037	0.000419	U	0.00181	0.000419
0.00398		0.00164	0.000583	**0.00202**		0.0016	0.00057	0.000646	U	0.00181	0.000646
0.00132	U	0.00307	0.00132	0.00129	U	0.003	0.00129	0.00146	U	0.00339	0.00146
0.000386	U	0.00164	0.000386	0.000378	U	0.0016	0.000378	0.000428	U	0.00181	0.000428
0.000546	U	0.00164	0.000546	0.000534	U	0.0016	0.000534	0.000605	U	0.00181	0.000605
0.000324	U	0.000681	0.000324	0.000317	U	0.000666	0.000317	0.000359	U	0.000754	0.000359
0.000954	U	0.00307	0.000954	0.000933	U	0.003	0.000933	0.00106	U	0.00339	0.00106
0.00859	U	0.0307	0.00859	0.0084	U	0.03	0.0084	0.0095	U	0.0339	0.0095
0.00057	U	0.00204	0.00057	0.000557	U	0.002	0.000557	0.000631	U	0.00226	0.000631
0.00054	U	0.00204	0.00054	0.000528	U	0.002	0.000528	0.000597	U	0.00226	0.000597
0.00542	U	0.0136	0.00542	0.0053	U	0.0133	0.0053	0.006	U	0.0151	0.006
0.00296	U	0.0333	0.00296	0.00305	U	0.0344	0.00305	0.00322	U	0.0362	0.00322
0.00334	U	0.0333	0.00334	0.00344	U	0.0344	0.00344	0.00363	U	0.0362	0.00363
0.00706	U	0.0333	0.00706	0.00729	U	0.0344	0.00729	0.00768	U	0.0362	0.00768
0.00449	U	0.0333	0.00449	0.00464	U	0.0344	0.00464	0.00488	U	0.0362	0.00488
0.005	U	0.0333	0.005	0.00516	U	0.0344	0.00516	0.00543	U	0.0362	0.00543
0.00364	U	0.0333	0.00364	0.00376	U	0.0344	0.00376	0.00396	U	0.0362	0.00396
0.00616	U	0.0333	0.00616	0.00635	U	0.0344	0.00635	0.00669	U	0.0362	0.00669
0.00423	U	0.0333	0.00423	0.00437	U	0.0344	0.00437	0.0046	U	0.0362	0.0046
0.00345	U	0.0333	0.00345	0.00356	U	0.0344	0.00356	0.00375	U	0.0362	0.00375
0.00296	U	0.0333	0.00296	0.00305	U	0.0344	0.00305	0.00322	U	0.0362	0.00322
4630		7.9	2.13	**4040**		8.38	2.26	**7930**		8.8	2.38
0.3	U	3.95	0.3	0.318	U	4.19	0.318	0.334	U	4.4	0.334
1.45		0.79	0.164	**1.16**		0.838	0.174	**2.06**		0.88	0.183
20.8		0.79	0.137	**23**		0.838	0.146	**85.2**		0.88	0.153
0.103	**J**	0.395	0.026	**0.067**	**J**	0.419	0.028	0.029	U	0.44	0.029
0.182	**J**	0.79	0.077	**0.168**	**J**	0.838	0.082	**0.299**	**J**	0.88	0.086
1000		7.9	2.76	**1370**		8.38	2.93	**1480**		8.8	3.08
7.83		0.79	0.076	**7.67**		0.838	0.08	**20.1**		0.88	0.085
4.19		1.58	0.131	**4.29**		1.68	0.139	**6.81**		1.76	0.146
6.25		0.79	0.204	**9.43**		0.838	0.216	**19.1**		0.88	0.227
8150		3.95	0.713	**7780**		4.19	0.756	**14100**		4.4	0.795
3.39	**J**	3.95	0.212	**2.09**	**J**	4.19	0.224	**3.92**	**J**	4.4	0.236
1920		7.9	1.22	**1220**		8.38	1.29	**4250**		8.8	1.36
204		0.79	0.126	**149**		0.838	0.133	**182**		0.88	0.14
0.043	U	0.065	0.043	0.045	U	0.069	0.045	0.05	U	0.077	0.05
6.7		1.97	0.191	**7.93**		2.09	0.203	**13.4**		2.2	0.213
607		197	11.4	**664**		209	12.1	**3160**		220	12.7
0.204	U	1.58	0.204	0.216	U	1.68	0.216	0.227	U	1.76	0.227
0.223	U	0.79	0.223	0.237	U	0.838	0.237	0.249	U	0.88	0.249
55.5	**J**	158	2.49	**48.4**	**J**	168	2.64	**79.3**	**J**	176	2.77
0.249	U	1.58	0.249	0.264	U	1.68	0.264	0.277	U	1.76	0.277
10.9		0.79	0.16	**10.7**		0.838	0.17	**24.8**		0.88	0.179
22.2		3.95	0.231	**12.8**		4.19	0.245	**41.1**		4.4	0.258
97.5		0.1	NA	**95.1**		0.1	NA	88.2		0.1	NA
0.2	U	0.95	0.2	0.21	U	1	0.21	0.23	U	1.1	0.23

Table 4A
Summary of Soil Sample Results
Emerging Contaminants
70 Westchester Avenue, White Plains, New York

SAMPLE ID:		USCO	RSCO	RRSCO	S-1 (4.5-5)				S-1 (8.5-9)				S-2 (3-3.5)				S-2 (10.5-11)				S-3 (3.5-4)				S-3 (17.5-18)				S-4 (2.5-3)				S-4 (9.5-10)				S-5 (4.5-5)				S-5 (7-7.5)				S-6 (2-2.5)				S-6 (15.5-16)			
LAB ID:					L2037617-01				L2037617-02				L2037617-03				L2037617-04				L2037617-05				L2037617-06				L2037617-07				L2037617-08				L2037617-09				L2037617-10				L2037881-01				L2037881-02			
COLLECTION DATE:					9/10/2020				9/10/2020				9/10/2020				9/10/2020				9/10/2020				9/10/2020				9/10/2020				9/10/2020				9/10/2020				9/10/2020				9/11/2020				9/11/2020			
SAMPLE MATRIX:		(ug/kg)	(ug/kg)	(ug/kg)	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
ANALYTE	**CAS**				**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION																																																				
Perfluorobutanoic Acid (PFBA)	375-22-4				0.024	U	0.536	0.024	0.024	U	0.529	0.024	0.023	U	0.497	0.023	0.024	U	0.525	0.024	0.027	U	0.593	0.027	0.025	U	0.554	0.025	0.025	U	0.552	0.025	0.025	U	0.54	0.025	0.023	U	0.512	0.023	0.029	U	0.631	0.029	0.026	U	0.571	0.026	0.022	U	0.491	0.022
Perfluoropentanoic Acid (PFPeA)	2706-90-3				0.049	U	0.536	0.049	0.049	U	0.529	0.049	**0.084**	**J**	0.497	0.046	0.048	U	0.525	0.048	0.055	U	0.593	0.055	0.051	U	0.554	0.051	0.051	U	0.552	0.051	0.05	U	0.54	0.05	0.047	U	0.512	0.047	0.058	U	0.631	0.058	0.053	U	0.571	0.053	0.045	U	0.491	0.045
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				0.042	U	0.536	0.042	0.041	U	0.529	0.041	0.039	U	0.497	0.039	0.041	U	0.525	0.041	0.046	U	0.593	0.046	0.043	U	0.554	0.043	0.043	U	0.552	0.043	0.042	U	0.54	0.042	0.04	U	0.512	0.04	0.049	U	0.631	0.049	0.045	U	0.571	0.045	0.038	U	0.491	0.038
Perfluorohexanoic Acid (PFHxA)	307-24-4				0.056	U	0.536	0.056	0.056	U	0.529	0.056	**0.086**	**J**	0.497	0.052	0.055	U	0.525	0.055	0.062	U	0.593	0.062	0.058	U	0.554	0.058	0.058	U	0.552	0.058	0.057	U	0.54	0.057	0.054	U	0.512	0.054	0.066	U	0.631	0.066	0.06	U	0.571	0.06	0.052	U	0.491	0.052
Perfluoroheptanoic Acid (PFHpA)	375-85-9				0.048	U	0.536	0.048	0.048	U	0.529	0.048	**0.047**	**J**	0.497	0.045	0.047	U	0.525	0.047	0.054	U	0.593	0.054	0.05	U	0.554	0.05	0.05	U	0.552	0.05	0.049	U	0.54	0.049	0.046	U	0.512	0.046	0.057	U	0.631	0.057	0.052	U	0.571	0.052	0.044	U	0.491	0.044
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				0.065	U	0.536	0.065	0.064	U	0.529	0.064	0.06	U	0.497	0.06	0.064	U	0.525	0.064	0.072	U	0.593	0.072	0.067	U	0.554	0.067	0.067	U	0.552	0.067	0.065	U	0.54	0.065	0.062	U	0.512	0.062	0.076	U	0.631	0.076	0.069	U	0.571	0.069	0.059	U	0.491	0.059
Perfluorooctanoic Acid (PFOA)	335-67-1	0.66	6.6	33	0.045	U	0.536	0.045	0.044	U	0.529	0.044	**0.119**	**JF**	0.497	0.042	0.044	U	0.525	0.044	0.05	U	0.593	0.05	0.046	U	0.554	0.046	0.046	U	0.552	0.046	0.045	U	0.54	0.045	0.043	U	0.512	0.043	0.053	U	0.631	0.053	0.048	U	0.571	0.048	0.041	U	0.491	0.041
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2				0.192	U	0.536	0.192	0.19	U	0.529	0.19	0.178	U	0.497	0.178	0.188	U	0.525	0.188	0.213	U	0.593	0.213	0.199	U	0.554	0.199	0.198	U	0.552	0.198	0.194	U	0.54	0.194	0.184	U	0.512	0.184	0.227	U	0.631	0.227	0.205	U	0.571	0.205	0.176	U	0.491	0.176
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				0.146	U	0.536	0.146	0.144	U	0.529	0.144	0.136	U	0.497	0.136	0.143	U	0.525	0.143	0.162	U	0.593	0.162	0.151	U	0.554	0.151	0.151	U	0.552	0.151	0.147	U	0.54	0.147	0.14	U	0.512	0.14	0.172	U	0.631	0.172	0.156	U	0.571	0.156	0.134	U	0.491	0.134
Perfluorononanoic Acid (PFNA)	375-95-1				0.08	U	0.536	0.08	0.079	U	0.529	0.079	0.075	U	0.497	0.075	0.079	U	0.525	0.079	0.089	U	0.593	0.089	0.083	U	0.554	0.083	0.083	U	0.552	0.083	0.081	U	0.54	0.081	0.077	U	0.512	0.077	0.095	U	0.631	0.095	0.086	U	0.571	0.086	0.074	U	0.491	0.074
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.88	8.8	44	0.139	U	0.536	0.139	0.137	U	0.529	0.137	**0.894**		0.497	0.129	0.136	U	0.525	0.136	0.154	U	0.593	0.154	0.144	U	0.554	0.144	0.143	U	0.552	0.143	0.14	U	0.54	0.14	0.133	U	0.512	0.133	0.164	U	0.631	0.164	0.148	U	0.571	0.148	0.128	U	0.491	0.128
Perfluorodecanoic Acid (PFDA)	335-76-2				0.072	U	0.536	0.072	0.071	U	0.529	0.071	0.067	U	0.497	0.067	0.07	U	0.525	0.07	0.079	U	0.593	0.079	0.074	U	0.554	0.074	0.074	U	0.552	0.074	0.072	U	0.54	0.072	0.069	U	0.512	0.069	0.085	U	0.631	0.085	0.077	U	0.571	0.077	0.066	U	0.491	0.066
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4				0.308	U	0.536	0.308	0.304	U	0.529	0.304	0.285	U	0.497	0.285	0.301	U	0.525	0.301	0.34	U	0.593	0.34	0.318	U	0.554	0.318	0.317	U	0.552	0.317	0.31	U	0.54	0.31	0.294	U	0.512	0.294	0.362	U	0.631	0.362	0.328	U	0.571	0.328	0.282	U	0.491	0.282
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9				0.216	U	0.536	0.216	0.213	U	0.529	0.213	0.2	U	0.497	0.2	0.211	U	0.525	0.211	0.239	U	0.593	0.239	0.223	U	0.554	0.223	0.222	U	0.552	0.222	0.218	U	0.54	0.218	0.206	U	0.512	0.206	0.254	U	0.631	0.254	0.23	U	0.571	0.23	0.198	U	0.491	0.198
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				0.05	U	0.536	0.05	0.05	U	0.529	0.05	0.047	U	0.497	0.047	0.049	U	0.525	0.049	0.056	U	0.593	0.056	0.052	U	0.554	0.052	0.052	U	0.552	0.052	0.051	U	0.54	0.051	0.048	U	0.512	0.048	0.059	U	0.631	0.059	0.054	U	0.571	0.054	0.046	U	0.491	0.046
Perfluorododecanesulfonic Acid (PFDS)	335-77-3				0.164	U	0.536	0.164	0.162	U	0.529	0.162	0.152	U	0.497	0.152	0.16	U	0.525	0.16	0.181	U	0.593	0.181	0.169	U	0.554	0.169	0.169	U	0.552	0.169	0.165	U	0.54	0.165	0.157	U	0.512	0.157	0.193	U	0.631	0.193	0.175	U	0.571	0.175	0.15	U	0.491	0.15
Perfluorooctanesulfonamide (FOSA)	754-91-6				0.105	U	0.536	0.105	0.104	U	0.529	0.104	0.097	U	0.497	0.097	0.103	U	0.525	0.103	0.116	U	0.593	0.116	0.108	U	0.554	0.108	0.108	U	0.552	0.108	0.106	U	0.54	0.106	0.1	U	0.512	0.1	0.124	U	0.631	0.124	0.112	U	0.571	0.112	0.096	U	0.491	0.096
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6				**0.19**	**J**	0.536	0.091	0.089	U	0.529	0.089	0.084	U	0.497	0.084	0.089	U	0.525	0.089	0.1	U	0.593	0.1	0.094	U	0.554	0.094	0.093	U	0.552	0.093	0.091	U	0.54	0.091	0.087	U	0.512	0.087	0.107	U	0.631	0.107	0.097	U	0.571	0.097	0.083	U	0.491	0.083
Perfluorododecanoic Acid (PFDoA)	307-55-1				0.075	U	0.536	0.075	0.074	U	0.529	0.074	0.07	U	0.497	0.07	0.074	U	0.525	0.074	0.083	U	0.593	0.083	0.078	U	0.554	0.078	0.077	U	0.552	0.077	0.076	U	0.54	0.076	0.072	U	0.512	0.072	0.088	U	0.631	0.088	0.08	U	0.571	0.08	0.069	U	0.491	0.069
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				0.219	U	0.536	0.219	0.216	U	0.529	0.216	0.203	U	0.497	0.203	0.215	U	0.525	0.215	0.242	U	0.593	0.242	0.226	U	0.554	0.226	0.226	U	0.552	0.226	0.221	U	0.54	0.221	0.209	U	0.512	0.209	0.258	U	0.631	0.258	0.234	U	0.571	0.234	0.201	U	0.491	0.201
Perfluorotetradecanoic Acid (PFTA)	376-06-7				0.058	U	0.536	0.058	0.057	U	0.529	0.057	0.054	U	0.497	0.054	0.057	U	0.525	0.057	0.064	U	0.593	0.064	0.06	U	0.554	0.06	0.06	U	0.552	0.06	0.058	U	0.54	0.058	0.055	U	0.512	0.055	0.068	U	0.631	0.068	0.062	U	0.571	0.062	0.053	U	0.491	0.053
PFOA/PFOS, Total					0.045	U	0.536	0.045	0.044	U	0.529	0.044	**1.01**	**J**	0.497	0.042	0.044	U	0.525	0.044	0.05	U	0.593	0.05	0.046	U	0.554	0.046	0.046	U	0.552	0.046	0.045	U	0.54	0.045	0.043	U	0.512	0.043	0.053	U	0.631	0.053	0.048	U	0.571	0.048	0.041	U	0.491	0.041

USCO	Compound Exceeds the Unrestricted Use Soil Cleanup Objectives (USCO)
RSCO	Compound Exceeds the Residential Soil Cleanup Objectives (RSCO)
RRSCO	Compound Exceeds the Retricted Residential Soil Cleanup Objectives (RRSCO)

Table 4A
Summary of Soil Sample Results
Emerging Contaminants
70 Westchester Avenue, White Plains, New York

SAMPLE ID:		USCO	RSCO	RRSCO	S-7 (1.5-2)				S-7 (16.5-17)				S-8 (1-1.5)				S-8 (7.5-8)				S-8 (12-12.5)				S-9 (2.5-3)				S-9 (6.5-7)				S-9 (12.5-13)				SB-10 (1-2)				SB-10 (8-9)				SB-10 (14-15)				SB-11 (2-3)			
LAB ID:					L2037881-03				L2037881-04				L2037881-05				L2037881-06				L2037881-07				L2037881-08				L2037881-09				L2037881-10				L2038294-01				L2038294-02				L2038294-03				L2038294-04			
COLLECTION DATE:					9/11/2020				9/11/2020				9/11/2020				9/11/2020				9/11/2020				9/11/2020				9/11/2020				9/11/2020				9/14/2020				9/14/2020				9/14/2020				9/14/2020			
SAMPLE MATRIX:		(ug/kg)	(ug/kg)	(ug/kg)	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
ANALYTE	**CAS**				Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION																																																				
Perfluorobutanoic Acid (PFBA)	375-22-4				0.027	U	0.602	0.027	0.025	U	0.559	0.025	0.024	U	0.53	0.024	0.028	U	0.622	0.028	0.024	U	0.536	0.024	0.026	U	0.575	0.026	0.024	U	0.527	0.024	0.022	U	0.488	0.022	0.024	U	0.537	0.024	0.026	U	0.564	0.026	0.026	U	0.577	0.026	0.022	U	0.486	0.022
Perfluoropentanoic Acid (PFPeA)	2706-90-3				0.055	U	0.602	0.055	0.051	U	0.559	0.051	0.049	U	0.53	0.049	0.057	U	0.622	0.057	0.049	U	0.536	0.049	**0.089**	**J**	0.575	0.053	0.049	U	0.527	0.049	0.045	U	0.488	0.045	0.049	U	0.537	0.049	0.052	U	0.564	0.052	0.053	U	0.577	0.053	0.045	U	0.486	0.045
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				0.047	U	0.602	0.047	0.044	U	0.559	0.044	0.041	U	0.53	0.041	0.049	U	0.622	0.049	0.042	U	0.536	0.042	0.045	U	0.575	0.045	0.041	U	0.527	0.041	0.038	U	0.488	0.038	0.042	U	0.537	0.042	0.044	U	0.564	0.044	0.045	U	0.577	0.045	0.038	U	0.486	0.038
Perfluorohexanoic Acid (PFHxA)	307-24-4				**0.064**	**J**	0.602	0.063	0.059	U	0.559	0.059	0.056	U	0.53	0.056	0.065	U	0.622	0.065	0.056	U	0.536	0.056	**0.094**	**J**	0.575	0.06	0.055	U	0.527	0.055	0.051	U	0.488	0.051	0.056	U	0.537	0.056	0.059	U	0.564	0.059	0.061	U	0.577	0.061	0.051	U	0.486	0.051
Perfluoroheptanoic Acid (PFHpA)	375-85-9				0.054	U	0.602	0.054	0.05	U	0.559	0.05	0.048	U	0.53	0.048	0.056	U	0.622	0.056	0.048	U	0.536	0.048	**0.061**	**J**	0.575	0.052	0.048	U	0.527	0.048	0.044	U	0.488	0.044	0.049	U	0.537	0.049	0.051	U	0.564	0.051	0.052	U	0.577	0.052	0.044	U	0.486	0.044
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				0.073	U	0.602	0.073	0.068	U	0.559	0.068	0.064	U	0.53	0.064	0.075	U	0.622	0.075	0.065	U	0.536	0.065	0.07	U	0.575	0.07	0.064	U	0.527	0.064	0.059	U	0.488	0.059	0.065	U	0.537	0.065	0.068	U	0.564	0.068	0.07	U	0.577	0.07	0.059	U	0.486	0.059
Perfluorooctanoic Acid (PFOA)	335-67-1	0.66	6.6	33	0.051	U	0.602	0.051	0.047	U	0.559	0.047	0.044	U	0.53	0.044	0.052	U	0.622	0.052	0.045	U	0.536	0.045	**0.208**	**J**	0.575	0.048	0.044	U	0.527	0.044	0.041	U	0.488	0.041	**0.047**	**J**	0.537	0.045	0.047	U	0.564	0.047	0.048	U	0.577	0.048	0.041	U	0.486	0.041
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2				0.216	U	0.602	0.216	0.2	U	0.559	0.2	0.19	U	0.53	0.19	0.223	U	0.622	0.223	0.192	U	0.536	0.192	0.206	U	0.575	0.206	0.189	U	0.527	0.189	0.175	U	0.488	0.175	0.193	U	0.537	0.193	0.203	U	0.564	0.203	0.207	U	0.577	0.207	0.174	U	0.486	0.174
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				0.164	U	0.602	0.164	0.152	U	0.559	0.152	0.145	U	0.53	0.145	0.17	U	0.622	0.17	0.146	U	0.536	0.146	0.157	U	0.575	0.157	0.144	U	0.527	0.144	0.133	U	0.488	0.133	0.147	U	0.537	0.147	0.154	U	0.564	0.154	0.158	U	0.577	0.158	0.133	U	0.486	0.133
Perfluorononanoic Acid (PFNA)	375-95-1				0.09	U	0.602	0.09	0.084	U	0.559	0.084	0.08	U	0.53	0.08	0.093	U	0.622	0.093	0.08	U	0.536	0.08	0.086	U	0.575	0.086	0.079	U	0.527	0.079	0.073	U	0.488	0.073	0.081	U	0.537	0.081	0.085	U	0.564	0.085	0.087	U	0.577	0.087	0.073	U	0.486	0.073
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.88	8.8	44	0.156	U	0.602	0.156	0.145	U	0.559	0.145	0.138	U	0.53	0.138	0.162	U	0.622	0.162	0.139	U	0.536	0.139	**0.455**	**J**	0.575	0.15	0.137	U	0.527	0.137	0.127	U	0.488	0.127	**0.254**	**J**	0.537	0.14	0.147	U	0.564	0.147	0.15	U	0.577	0.15	**0.247**	**JF**	0.486	0.126
Perfluorodecanoic Acid (PFDA)	335-76-2				0.081	U	0.602	0.081	0.075	U	0.559	0.075	0.071	U	0.53	0.071	0.083	U	0.622	0.083	0.072	U	0.536	0.072	0.077	U	0.575	0.077	0.071	U	0.527	0.071	0.065	U	0.488	0.065	0.072	U	0.537	0.072	0.076	U	0.564	0.076	0.077	U	0.577	0.077	0.065	U	0.486	0.065
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4				0.346	U	0.602	0.346	0.321	U	0.559	0.321	0.304	U	0.53	0.304	0.357	U	0.622	0.357	0.308	U	0.536	0.308	0.33	U	0.575	0.33	0.302	U	0.527	0.302	0.28	U	0.488	0.28	0.308	U	0.537	0.308	0.324	U	0.564	0.324	0.331	U	0.577	0.331	0.279	U	0.486	0.279
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9				0.243	U	0.602	0.243	0.225	U	0.559	0.225	0.214	U	0.53	0.214	0.251	U	6.22	0.251	0.216	U	0.536	0.216	0.232	U	0.575	0.232	0.212	U	0.527	0.212	0.196	U	0.488	0.196	0.216	U	0.537	0.216	0.227	U	0.564	0.227	0.233	U	0.577	0.233	0.196	U	0.486	0.196
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				0.056	U	0.602	0.056	0.052	U	0.559	0.052	0.05	U	0.53	0.05	0.058	U	0.622	0.058	0.05	U	0.536	0.05	0.054	U	0.575	0.054	0.049	U	0.527	0.049	0.046	U	0.488	0.046	0.05	U	0.537	0.05	0.053	U	0.564	0.053	0.054	U	0.577	0.054	0.046	U	0.486	0.046
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				0.184	U	0.602	0.184	0.171	U	0.559	0.171	0.162	U	0.53	0.162	0.19	U	0.622	0.19	0.164	U	0.536	0.164	0.176	U	0.575	0.176	0.161	U	0.527	0.161	0.149	U	0.488	0.149	0.164	U	0.537	0.164	0.173	U	0.564	0.173	0.177	U	0.577	0.177	0.149	U	0.486	0.149
Perfluorooctanesulfonamide (FOSA)	754-91-6				0.118	U	0.602	0.118	0.11	U	0.559	0.11	0.104	U	0.53	0.104	0.122	U	0.622	0.122	0.105	U	0.536	0.105	0.113	U	0.575	0.113	0.103	U	0.527	0.103	0.096	U	0.488	0.096	0.105	U	0.537	0.105	0.111	U	0.564	0.111	0.113	U	0.577	0.113	0.095	U	0.486	0.095
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6				0.102	U	0.602	0.102	0.094	U	0.559	0.094	0.09	U	0.53	0.09	0.105	U	6.22	0.105	0.091	U	0.536	0.091	0.097	U	0.575	0.097	0.089	U	0.527	0.089	0.082	U	0.488	0.082	0.091	U	0.537	0.091	0.095	U	0.564	0.095	0.098	U	0.577	0.098	0.082	U	0.486	0.082
Perfluorododecanoic Acid (PFDoA)	307-55-1				0.084	U	0.602	0.084	0.078	U	0.559	0.078	0.074	U	0.53	0.074	0.087	U	0.622	0.087	0.075	U	0.536	0.075	0.081	U	0.575	0.081	0.074	U	0.527	0.074	0.068	U	0.488	0.068	0.075	U	0.537	0.075	0.079	U	0.564	0.079	0.081	U	0.577	0.081	0.068	U	0.486	0.068
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				0.246	U	0.602	0.246	0.228	U	0.559	0.228	0.217	U	0.53	0.217	0.254	U	0.622	0.254	0.219	U	0.536	0.219	0.235	U	0.575	0.235	0.215	U	0.527	0.215	0.199	U	0.488	0.199	0.22	U	0.537	0.22	0.231	U	0.564	0.231	0.236	U	0.577	0.236	0.199	U	0.486	0.199
Perfluorotetradecanoic Acid (PFTA)	376-06-7				0.065	U	0.602	0.065	0.06	U	0.559	0.06	0.057	U	0.53	0.057	0.067	U	0.622	0.067	0.058	U	0.536	0.058	0.062	U	0.575	0.062	0.057	U	0.527	0.057	0.053	U	0.488	0.053	0.058	U	0.537	0.058	0.061	U	0.564	0.061	0.062	U	0.577	0.062	0.053	U	0.486	0.053
PFOA/PFOS, Total					0.051	U	0.602	0.051	0.047	U	0.559	0.047	0.044	U	0.53	0.044	0.052	U	0.622	0.052	0.045	U	0.536	0.045	**0.663**	**J**	0.575	0.048	0.044	U	0.527	0.044	0.041	U	0.488	0.041	**0.301**	**J**	0.537	0.045	0.047	U	0.564	0.047	0.048	U	0.577	0.048	**0.247**	**J**	0.486	0.041

USCO	Compound Exceeds the Unrestricted Use Soil Cleanup Objecti
RSCO	Compound Exceeds the Residential Soil Cleanup Objectives (I
RRSCO	Compound Exceeds the Retricted Residential Soil Cleanup Ob

Table 4A
Summary of Soil Sample Results
Emerging Contaminants
70 Westchester Avenue, White Plains, New York

SAMPLE ID:		USCO	RSCO	RRSCO	SB-11 (10-11)				SB-12 (4-5)				SB-12 (8-9)			
LAB ID:					L2038294-05				L2038294-06				L2038294-07			
COLLECTION DATE:					9/14/2020				9/14/2020				9/14/2020			
SAMPLE MATRIX:		(ug/kg)	(ug/kg)	(ug/kg)	SOIL				SOIL				SOIL			
ANALYTE	**CAS**				**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION																
Perfluorobutanoic Acid (PFBA)	375-22-4				0.027	U	0.586	0.027	0.024	U	0.518	0.024	0.025	U	0.558	0.025
Perfluoropentanoic Acid (PFPeA)	2706-90-3				0.054	U	0.586	0.054	0.048	U	0.518	0.048	0.051	U	0.558	0.051
Perfluorobutanesulfonic Acid (PFBS)	375-73-5				0.046	U	0.586	0.046	0.04	U	0.518	0.04	0.044	U	0.558	0.044
Perfluorohexanoic Acid (PFHxA)	307-24-4				0.062	U	0.586	0.062	0.054	U	0.518	0.054	0.059	U	0.558	0.059
Perfluoroheptanoic Acid (PFHpA)	375-85-9				0.053	U	0.586	0.053	0.047	U	0.518	0.047	0.05	U	0.558	0.05
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4				0.071	U	0.586	0.071	0.063	U	0.518	0.063	0.068	U	0.558	0.068
Perfluorooctanoic Acid (PFOA)	335-67-1	0.66	6.6	33	0.049	U	0.586	0.049	0.043	U	0.518	0.043	**0.118**	**J**	0.558	0.047
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2				0.21	U	0.586	0.21	0.186	U	0.518	0.186	0.2	U	0.558	0.2
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8				0.16	U	0.586	0.16	0.141	U	0.518	0.141	0.152	U	0.558	0.152
Perfluorononanoic Acid (PFNA)	375-95-1				0.088	U	0.586	0.088	0.078	U	0.518	0.078	0.084	U	0.558	0.084
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.88	8.8	44	0.152	U	0.586	0.152	0.135	U	0.518	0.135	0.145	U	0.558	0.145
Perfluorodecanoic Acid (PFDA)	335-76-2				0.079	U	0.586	0.079	0.069	U	0.518	0.069	0.075	U	0.558	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4				0.336	U	0.586	0.336	0.297	U	0.518	0.297	0.32	U	0.558	0.32
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9				0.236	U	0.586	0.236	0.209	U	0.518	0.209	0.225	U	0.558	0.225
Perfluoroundecanoic Acid (PFUnA)	2058-94-8				0.055	U	0.586	0.055	0.049	U	0.518	0.049	0.052	U	0.558	0.052
Perfluorodecanesulfonic Acid (PFDS)	335-77-3				0.179	U	0.586	0.179	0.158	U	0.518	0.158	0.171	U	0.558	0.171
Perfluorooctanesulfonamide (FOSA)	754-91-6				0.115	U	0.586	0.115	0.102	U	0.518	0.102	0.109	U	0.558	0.109
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6				0.099	U	0.586	0.099	0.088	U	0.518	0.088	0.094	U	0.558	0.094
Perfluorododecanoic Acid (PFDoA)	307-55-1				0.082	U	0.586	0.082	0.073	U	0.518	0.073	0.078	U	0.558	0.078
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8				0.24	U	0.586	0.24	0.212	U	0.518	0.212	0.228	U	0.558	0.228
Perfluorotetradecanoic Acid (PFTA)	376-06-7				0.063	U	0.586	0.063	0.056	U	0.518	0.056	0.06	U	0.558	0.06
PFOA/PFOS, Total					0.049	U	0.586	0.049	0.043	U	0.518	0.043	**0.118**	**J**	0.558	0.047

USCO	Compound Exceeds the Unrestricted Use Soil Cleanup Objec
RSCO	Compound Exceeds the Residential Soil Cleanup Objectives (
RRSCO	Compound Exceeds the Retricted Residential Soil Cleanup Ob

Table 4A
Summary of Soil Sample Results
Data Qualifiers

Qualifier Key
NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
I - The lower value for the two columns has been reported due to obvious interference.
G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
RE - Analytical results are from sample re-extraction.
R - Analytical results are from sample re-analysis.
D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
P - The RPD between the results for the two columns exceeds the method-specified criteria.
U - Not detected at the reported detection limit for the sample.
M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
S - Analytical results are from modified screening analysis.
B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

Table 4B
Summary of Groundwater Sample Results
Volatile Organic Compounds
70 Westchester Avenue, White Plains, New York

SAMPLE ID:		NY-AWQS	GW-1				GW-2				GW-3				GW-4				GW-5				GW-6			
LAB ID:			L2037617-11				L2037881-11				L2037881-12				L2037881-13				L2037881-14				L2038359-01			
COLLECTION DATE:			9/10/2020				9/11/2020				9/11/2020				9/11/2020				9/11/2020				9/15/2020			
SAMPLE MATRIX:			WATER				WATER				WATER				WATER				WATER				WATER			
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS																										
Methylene chloride	75-09-2	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
1,1-Dichloroethane	75-34-3	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
Chloroform	67-66-3	7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
Carbon tetrachloride	56-23-5	5	0.13	U	0.5	0.13	0.13	U	0.5	0.13	0.13	U	0.5	0.13	0.13	U	0.5	0.13	0.13	U	0.5	0.13	0.13	U	0.5	0.13
1,2-Dichloropropane	78-87-5	1	0.14	U	1	0.14	0.14	U	1	0.14	0.14	U	1	0.14	0.14	U	1	0.14	0.14	U	1	0.14	0.14	U	1	0.14
Dibromochloromethane	124-48-1	50	0.15	U	0.5	0.15	0.15	U	0.5	0.15	0.15	U	0.5	0.15	0.15	U	0.5	0.15	0.15	U	0.5	0.15	0.15	U	0.5	0.15
1,1,2-Trichloroethane	79-00-5	1	0.5	U	1.5	0.5	0.5	U	1.5	0.5	0.5	U	1.5	0.5	0.5	U	1.5	0.5	0.5	U	1.5	0.5	0.5	U	1.5	0.5
Tetrachloroethene	127-18-4	5	1.4		0.5	0.18	**0.21**	**J**	0.5	0.18	0.18	U	0.5	0.18	0.18	U	0.5	0.18	0.18	U	0.5	0.18	0.18	U	0.5	0.18
Chlorobenzene	108-90-7	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
Trichlorofluoromethane	75-69-4	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
1,2-Dichloroethane	107-06-2	0.6	0.13	U	0.5	0.13	0.13	U	0.5	0.13	0.13	U	0.5	0.13	0.13	U	0.5	0.13	0.13	U	0.5	0.13	0.13	U	0.5	0.13
1,1,1-Trichloroethane	71-55-6	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
Bromodichloromethane	75-27-4	50	0.19	U	0.5	0.19	0.19	U	0.5	0.19	0.19	U	0.5	0.19	0.19	U	0.5	0.19	0.19	U	0.5	0.19	0.19	U	0.5	0.19
trans-1,3-Dichloropropene	10061-02-6	0.4	0.16	U	0.5	0.16	0.16	U	0.5	0.16	0.16	U	0.5	0.16	0.16	U	0.5	0.16	0.16	U	0.5	0.16	0.16	U	0.5	0.16
cis-1,3-Dichloropropene	10061-01-5	0.4	0.14	U	0.5	0.14	0.14	U	0.5	0.14	0.14	U	0.5	0.14	0.14	U	0.5	0.14	0.14	U	0.5	0.14	0.14	U	0.5	0.14
1,3-Dichloropropene, Total	542-75-6		0.14	U	0.5	0.14	0.14	U	0.5	0.14	0.14	U	0.5	0.14	0.14	U	0.5	0.14	0.14	U	0.5	0.14	0.14	U	0.5	0.14
1,1-Dichloropropene	563-58-6	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
Bromoform	75-25-2	50	0.65	U	2	0.65	0.65	U	2	0.65	0.65	U	2	0.65	0.65	U	2	0.65	0.65	U	2	0.65	0.65	U	2	0.65
1,1,2,2-Tetrachloroethane	79-34-5	5	0.17	U	0.5	0.17	0.17	U	0.5	0.17	0.17	U	0.5	0.17	0.17	U	0.5	0.17	0.17	U	0.5	0.17	0.17	U	0.5	0.17
Benzene	71-43-2	1	0.16	U	0.5	0.16	0.16	U	0.5	0.16	0.16	U	0.5	0.16	0.16	U	0.5	0.16	0.16	U	0.5	0.16	0.16	U	0.5	0.16
Toluene	108-88-3	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
Ethylbenzene	100-41-4	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
Chloromethane	74-87-3		0.7	U	2.5	0.7	**0.78**	**J**	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
Bromomethane	74-83-9	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	**0.82**	**J**	2.5	0.7
Vinyl chloride	75-01-4	2	0.07	U	1	0.07	0.07	U	1	0.07	0.07	U	1	0.07	0.07	U	1	0.07	0.07	U	1	0.07	0.07	U	1	0.07
Chloroethane	75-00-3	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
1,1-Dichloroethene	75-35-4	5	0.17	U	0.5	0.17	0.17	U	0.5	0.17	0.17	U	0.5	0.17	0.17	U	0.5	0.17	0.17	U	0.5	0.17	0.17	U	0.5	0.17
trans-1,2-Dichloroethene	156-60-5	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
Trichloroethene	79-01-6	5	0.18	U	0.5	0.18	0.18	U	0.5	0.18	0.18	U	0.5	0.18	0.18	U	0.5	0.18	0.18	U	0.5	0.18	0.18	U	0.5	0.18
1,2-Dichlorobenzene	95-50-1	3	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
1,3-Dichlorobenzene	541-73-1	3	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
1,4-Dichlorobenzene	106-46-7	3	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
Methyl tert butyl ether	1634-04-4	10	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
p/m-Xylene	179601-23-1	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
o-Xylene	95-47-6	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
Xylenes, Total	1330-20-7		0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
cis-1,2-Dichloroethene	156-59-2	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
1,2-Dichloroethene, Total	540-59-0		0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
Dibromomethane	74-95-3	5	1	U	5	1	1	U	5	1	1	U	5	1	1	U	5	1	1	U	5	1	1	U	5	1
1,2,3-Trichloropropane	96-18-4	0.04	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
Acrylonitrile	107-13-1	5	1.5	U	5	1.5	1.5	U	5	1.5	1.5	U	5	1.5	1.5	U	5	1.5	1.5	U	5	1.5	1.5	U	5	1.5
Styrene	100-42-5	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
Dichlorodifluoromethane	75-71-8	5	1	U	5	1	1	U	5	1	1	U	5	1	1	U	5	1	1	U	5	1	1	U	5	1
Acetone	67-64-1	50	**57**		5	1.5	**9.6**		5	1.5	**3.9**	**J**	5	1.5	**11**		5	1.5	**4.6**	**J**	5	1.5	**3.8**	**J**	5	1.5
Carbon disulfide	75-15-0	60	1	U	5	1	1	U	5	1	1	U	5	1	1	U	5	1	1	U	5	1	1	U	5	1
2-Butanone	78-93-3	50	**17**		5	1.9	**2.7**	**J**	5	1.9	1.9	U	5	1.9	1.9	U	5	1.9	1.9	U	5	1.9	1.9	U	5	1.9
Vinyl acetate	108-05-4		1	U	5	1	1	U	5	1	1	U	5	1	1	U	5	1	1	U	5	1	1	U	5	1
4-Methyl-2-pentanone	108-10-1		1	U	5	1	1	U	5	1	1	U	5	1	1	U	5	1	1	U	5	1	1	U	5	1
2-Hexanone	591-78-6	50	1	U	5	1	1	U	5	1	1	U	5	1	1	U	5	1	1	U	5	1	1	U	5	1
Bromochloromethane	74-97-5	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
2,2-Dichloropropane	594-20-7	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
1,2-Dibromoethane	106-93-4	0.0006	0.65	U	2	0.65	0.65	U	2	0.65	0.65	U	2	0.65	0.65	U	2	0.65	0.65	U	2	0.65	0.65	U	2	0.65
1,3-Dichloropropane	142-28-9	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
1,1,1,2-Tetrachloroethane	630-20-6	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
Bromobenzene	108-86-1	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
n-Butylbenzene	104-51-8	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
sec-Butylbenzene	135-98-8	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
tert-Butylbenzene	98-06-6	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
o-Chlorotoluene	95-49-8	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
p-Chlorotoluene	106-43-4	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
1,2-Dibromo-3-chloropropane	96-12-8	0.04	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
Hexachlorobutadiene	87-68-3	0.5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
Isopropylbenzene	98-82-8	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
p-Isopropyltoluene	99-87-6	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
Naphthalene	91-20-3	10	1.1	J	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
n-Propylbenzene	103-65-1	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
1,2,3-Trichlorobenzene	87-61-6	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
1,2,4-Trichlorobenzene	120-82-1	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
1,3,5-Trimethylbenzene	108-67-8	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
1,2,4-Trimethylbenzene	95-63-6	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
1,4-Dioxane	123-91-1		61	U	250	61	61	U	250	61	61	U	250	61	61	U	250	61	61	U	250	61	61	U	250	61
p-Diethylbenzene	105-05-5		0.7	U	2	0.7	0.7	U	2	0.7	0.7	U	2	0.7	0.7	U	2	0.7	0.7	U	2	0.7	0.7	U	2	0.7
p-Ethyltoluene	622-96-8		0.7	U	2	0.7	0.7	U	2	0.7	0.7	U	2	0.7	0.7	U	2	0.7	0.7	U	2	0.7	0.7	U	2	0.7
1,2,4,5-Tetramethylbenzene	95-93-2	5	0.54	U	2	0.54	0.54	U	2	0.54	0.54	U	2	0.54	0.54	U	2	0.54	0.54	U	2	0.54	0.54	U	2	0.54
Ethyl ether	60-29-7		0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7
trans-1,4-Dichloro-2-butene	110-57-6	5	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7	0.7	U	2.5	0.7

Compound Exceeds NY-AWQS

Table 4B
Summary of Groundwater Sample Results
Semi-Volatile Organic Compounds
70 Westchester Avenue, White Plains, New York

SAMPLE ID:		NY-AWQS	GW-1				GW-2				GW-3				GW-4				GW-5				GW-6			
LAB ID:			L2037617-11				L2037881-11				L2037881-12				L2037881-13				L2037881-14				L2038359-01			
COLLECTION DATE:			9/10/2020				9/11/2020				9/11/2020				9/11/2020				9/11/2020				9/15/2020			
SAMPLE MATRIX:			WATER				WATER				WATER				WATER				WATER				WATER			
ANALYTE	**CAS**	**(ug/l)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
1,4 DIOXANE BY 8270D-SIM																										
1,4-Dioxane	123-91-1		0.185		0.156	0.0353	0.0368	U	0.163	0.0368	0.0326	U	0.144	0.0326	0.0326	U	0.144	0.0326	0.0326	U	0.144	0.0326	0.0339	U	0.15	0.0339
SEMIVOLATILE ORGANICS BY GC/MS																										
1,2,4-Trichlorobenzene	120-82-1	5	0.5	U	5	0.5	0.5	U	5	0.5	0.5	U	5	0.5	0.5	U	5	0.5	0.5	U	5	0.5	0.5	U	5	0.5
Bis(2-chloroethyl)ether	111-44-4	1	0.5	U	2	0.5	0.5	U	2	0.5	0.5	U	2	0.5	0.5	U	2	0.5	0.5	U	2	0.5	0.5	U	2	0.5
1,2-Dichlorobenzene	95-50-1	3	0.45	U	2	0.45	0.45	U	2	0.45	0.45	U	2	0.45	0.45	U	2	0.45	0.45	U	2	0.45	0.45	U	2	0.45
1,3-Dichlorobenzene	541-73-1	3	0.4	U	2	0.4	0.4	U	2	0.4	0.4	U	2	0.4	0.4	U	2	0.4	0.4	U	2	0.4	0.4	U	2	0.4
1,4-Dichlorobenzene	106-46-7	3	0.43	U	2	0.43	0.43	U	2	0.43	0.43	U	2	0.43	0.43	U	2	0.43	0.43	U	2	0.43	0.43	U	2	0.43
3,3'-Dichlorobenzidine	91-94-1	5	1.6	U	5	1.6	1.6	U	5	1.6	1.6	U	5	1.6	1.6	U	5	1.6	1.6	U	5	1.6	1.6	U	5	1.6
2,4-Dinitrotoluene	121-14-2	5	1.2	U	5	1.2	1.2	U	5	1.2	1.2	U	5	1.2	1.2	U	5	1.2	1.2	U	5	1.2	1.2	U	5	1.2
2,6-Dinitrotoluene	606-20-2	5	0.93	U	5	0.93	0.93	U	5	0.93	0.93	U	5	0.93	0.93	U	5	0.93	0.93	U	5	0.93	0.93	U	5	0.93
4-Chlorophenyl phenyl ether	7005-72-3		0.49	U	2	0.49	0.49	U	2	0.49	0.49	U	2	0.49	0.49	U	2	0.49	0.49	U	2	0.49	0.49	U	2	0.49
4-Bromophenyl phenyl ether	101-55-3		0.38	U	2	0.38	0.38	U	2	0.38	0.38	U	2	0.38	0.38	U	2	0.38	0.38	U	2	0.38	0.38	U	2	0.38
Bis(2-chloroisopropyl)ether	108-60-1	5	0.53	U	2	0.53	0.53	U	2	0.53	0.53	U	2	0.53	0.53	U	2	0.53	0.53	U	2	0.53	0.53	U	2	0.53
Bis(2-chloroethoxy)methane	111-91-1	5	0.5	U	5	0.5	0.5	U	5	0.5	0.5	U	5	0.5	0.5	U	5	0.5	0.5	U	5	0.5	0.5	U	5	0.5
Hexachlorocyclopentadiene	77-47-4	5	0.69	U	20	0.69	0.69	U	20	0.69	0.69	U	20	0.69	0.69	U	20	0.69	0.69	U	20	0.69	0.69	U	20	0.69
Isophorone	78-59-1	50	1.2	U	5	1.2	1.2	U	5	1.2	1.2	U	5	1.2	1.2	U	5	1.2	1.2	U	5	1.2	1.2	U	5	1.2
Nitrobenzene	98-95-3	0.4	0.77	U	2	0.77	0.77	U	2	0.77	0.77	U	2	0.77	0.77	U	2	0.77	0.77	U	2	0.77	0.77	U	2	0.77
NDPA/DPA	86-30-6	50	0.42	U	2	0.42	0.42	U	2	0.42	0.42	U	2	0.42	0.42	U	2	0.42	0.42	U	2	0.42	0.42	U	2	0.42
n-Nitrosodi-n-propylamine	621-64-7		0.64	U	5	0.64	0.64	U	5	0.64	0.64	U	5	0.64	0.64	U	5	0.64	0.64	U	5	0.64	0.64	U	5	0.64
Bis(2-ethylhexyl)phthalate	117-81-7	5	**8.3**		3	1.5	1.5	U	3	1.5	1.5	U	3	1.5	1.5	U	3	1.5	1.5	U	3	1.5	**1.9**	J	3	1.5
Butyl benzyl phthalate	85-68-7	50	1.2	U	5	1.2	1.2	U	5	1.2	1.2	U	5	1.2	1.2	U	5	1.2	1.2	U	5	1.2	1.2	U	5	1.2
Di-n-butylphthalate	84-74-2	50	0.39	U	5	0.39	**0.87**	J	5	0.39	0.39	U	5	0.39	**0.45**	J	5	0.39	0.39	U	5	0.39	**1.3**	J	5	0.39
Di-n-octylphthalate	117-84-0	50	1.3	U	5	1.3	1.3	U	5	1.3	1.3	U	5	1.3	1.3	U	5	1.3	1.3	U	5	1.3	1.3	U	5	1.3
Diethyl phthalate	84-66-2	50	0.38	U	5	0.38	0.38	U	5	0.38	0.38	U	5	0.38	0.38	U	5	0.38	0.38	U	5	0.38	**0.87**	J	5	0.38
Dimethyl phthalate	131-11-3	50	1.8	U	5	1.8	1.8	U	5	1.8	1.8	U	5	1.8	1.8	U	5	1.8	1.8	U	5	1.8	1.8	U	5	1.8
Biphenyl	92-52-4		0.46	U	2	0.46	0.46	U	2	0.46	0.46	U	2	0.46	0.46	U	2	0.46	0.46	U	2	0.46	0.46	U	2	0.46
4-Chloroaniline	106-47-8	5	1.1	U	5	1.1	1.1	U	5	1.1	1.1	U	5	1.1	1.1	U	5	1.1	1.1	U	5	1.1	1.1	U	5	1.1
2-Nitroaniline	88-74-4	5	0.5	U	5	0.5	0.5	U	5	0.5	0.5	U	5	0.5	0.5	U	5	0.5	0.5	U	5	0.5	0.5	U	5	0.5
3-Nitroaniline	99-09-2	5	0.81	U	5	0.81	0.81	U	5	0.81	0.81	U	5	0.81	0.81	U	5	0.81	0.81	U	5	0.81	0.81	U	5	0.81
4-Nitroaniline	100-01-6	5	0.8	U	5	0.8	0.8	U	5	0.8	0.8	U	5	0.8	0.8	U	5	0.8	0.8	U	5	0.8	0.8	U	5	0.8
Dibenzofuran	132-64-9		**2.3**		2	0.5	0.5	U	2	0.5	0.5	U	2	0.5	0.5	U	2	0.5	0.5	U	2	0.5	0.5	U	2	0.5
1,2,4,5-Tetrachlorobenzene	95-94-3	5	0.44	U	10	0.44	0.44	U	10	0.44	0.44	U	10	0.44	0.44	U	10	0.44	0.44	U	10	0.44	0.44	U	10	0.44
Acetophenone	98-86-2		0.53	U	5	0.53	0.53	U	5	0.53	0.53	U	5	0.53	0.53	U	5	0.53	0.53	U	5	0.53	0.53	U	5	0.53
2,4,6-Trichlorophenol	88-06-2		0.61	U	5	0.61	0.61	U	5	0.61	0.61	U	5	0.61	0.61	U	5	0.61	0.61	U	5	0.61	0.61	U	5	0.61
p-Chloro-m-cresol	59-50-7		0.35	U	2	0.35	0.35	U	2	0.35	0.35	U	2	0.35	0.35	U	2	0.35	0.35	U	2	0.35	0.35	U	2	0.35
2-Chlorophenol	95-57-8		0.48	U	2	0.48	0.48	U	2	0.48	0.48	U	2	0.48	0.48	U	2	0.48	0.48	U	2	0.48	0.48	U	2	0.48
2,4-Dichlorophenol	120-83-2	1	0.41	U	5	0.41	0.41	U	5	0.41	0.41	U	5	0.41	0.41	U	5	0.41	0.41	U	5	0.41	0.41	U	5	0.41
2,4-Dimethylphenol	105-67-9	50	1.8	U	5	1.8	1.8	U	5	1.8	1.8	U	5	1.8	1.8	U	5	1.8	1.8	U	5	1.8	1.8	U	5	1.8
2-Nitrophenol	88-75-5		0.85	U	10	0.85	0.85	U	10	0.85	0.85	U	10	0.85	0.85	U	10	0.85	0.85	U	10	0.85	0.85	U	10	0.85
4-Nitrophenol	100-02-7		0.67	U	10	0.67	0.67	U	10	0.67	0.67	U	10	0.67	0.67	U	10	0.67	0.67	U	10	0.67	0.67	U	10	0.67
2,4-Dinitrophenol	51-28-5	10	6.6	U	20	6.6	6.6	U	20	6.6	6.6	U	20	6.6	6.6	U	20	6.6	6.6	U	20	6.6	6.6	U	20	6.6
4,6-Dinitro-o-cresol	534-52-1		1.8	U	10	1.8	1.8	U	10	1.8	1.8	U	10	1.8	1.8	U	10	1.8	1.8	U	10	1.8	1.8	U	10	1.8
Phenol	108-95-2	1	**8.5**		5	0.57	0.57	U	5	0.57	0.57	U	5	0.57	0.57	U	5	0.57	0.57	U	5	0.57	0.57	U	5	0.57
2-Methylphenol	95-48-7		**0.71**	J	5	0.49	0.49	U	5	0.49	0.49	U	5	0.49	0.49	U	5	0.49	0.49	U	5	0.49	0.49	U	5	0.49
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5		**4.2**	J	5	0.48	0.48	U	5	0.48	0.48	U	5	0.48	0.48	U	5	0.48	0.48	U	5	0.48	0.48	U	5	0.48
2,4,5-Trichlorophenol	95-95-4		0.77	U	5	0.77	0.77	U	5	0.77	0.77	U	5	0.77	0.77	U	5	0.77	0.77	U	5	0.77	0.77	U	5	0.77
Benzoic Acid	65-85-0		**91**		50	2.6	2.6	U	50	2.6	2.6	U	50	2.6	2.6	U	50	2.6	2.6	U	50	2.6	**11**	J	50	2.6
Benzyl Alcohol	100-51-6		0.59	U	2	0.59	0.59	U	2	0.59	0.59	U	2	0.59	0.59	U	2	0.59	0.59	U	2	0.59	0.59	U	2	0.59
Carbazole	86-74-8		**9.2**		2	0.49	0.49	U	2	0.49	0.49	U	2	0.49	0.49	U	2	0.49	0.49	U	2	0.49	0.49	U	2	0.49
SEMIVOLATILE ORGANICS BY GC/MS-SIM																										
Acenaphthene	83-32-9	20	**4.3**		0.5	0.07	0.01	U	0.1	0.01	0.01	U	0.1	0.01	0.01	U	0.1	0.01	0.01	U	0.1	0.01	**0.02**	J	0.1	0.01
2-Chloronaphthalene	91-58-7	10	0.09	U	1	0.09	0.02	U	0.2	0.02	0.02	U	0.2	0.02	0.02	U	0.2	0.02	0.02	U	0.2	0.02	0.02	U	0.2	0.02
Fluoranthene	206-44-0	50	**140**		0.5	0.1	**0.02**	J	0.1	0.02	0.02	U	0.1	0.02	**0.04**	J	0.1	0.02	0.02	U	0.1	0.02	**0.06**	J	0.1	0.02
Hexachlorobutadiene	87-68-3	0.5	0.23	U	2.5	0.23	0.05	U	0.5	0.05	0.05	U	0.5	0.05	0.05	U	0.5	0.05	0.05	U	0.5	0.05	0.05	U	0.5	0.05
Naphthalene	91-20-3	10	**2.9**		0.5	0.24	0.05	U	0.1	0.05	0.05	U	0.1	0.05	0.05	U	0.1	0.05	0.05	U	0.1	0.05	0.05	U	0.1	0.05
Benzo(a)anthracene	56-55-3	0.002	**72**		0.5	0.1	0.02	U	0.1	0.02	**0.02**	J	0.1	0.02	**0.04**	J	0.1	0.02	0.02	U	0.1	0.02	**0.02**	J	0.1	0.02
Benzo(a)pyrene	50-32-8	0	**80**		0.5	0.08	0.02	U	0.1	0.02	**0.02**	J	0.1	0.02	**0.02**	J	0.1	0.02	0.02	U	0.1	0.02	0.02	U	0.1	0.02
Benzo(b)fluoranthene	205-99-2	0.002	**94**		0.5	0.06	**0.01**	J	0.1	0.01	**0.02**	J	0.1	0.01	**0.03**	J	0.1	0.01	0.01	U	0.1	0.01	0.01	U	0.1	0.01
Benzo(k)fluoranthene	207-08-9	0.002	**32**		0.5	0.04	0.01	U	0.1	0.01	0.01	U	0.1	0.01	**0.02**	J	0.1	0.01	0.01	U	0.1	0.01	0.01	U	0.1	0.01
Chrysene	218-01-9	0.002	**60**		0.5	0.06	0.01	U	0.1	0.01	0.01	U	0.1	0.01	**0.02**	J	0.1	0.01	0.01	U	0.1	0.01	0.01	U	0.1	0.01
Acenaphthylene	208-96-8		**6.5**		0.5	0.06	0.01	U	0.1	0.01	0.01	U	0.1	0.01	0.01	U	0.1	0.01	0.01	U	0.1	0.01	0.01	U	0.1	0.01
Anthracene	120-12-7	50	**19**		0.5	0.07	0.01	U	0.1	0.01	0.01	U	0.1	0.01	**0.03**	J	0.1	0.01	0.01	U	0.1	0.01	**0.02**	J	0.1	0.01
Benzo(ghi)perylene	191-24-2		**60**		0.5	0.07	0.01	U	0.1	0.01	**0.02**	J	0.1	0.01	**0.02**	J	0.1	0.01	0.01	U	0.1	0.01	0.01	U	0.1	0.01
Fluorene	86-73-7	50	**5.2**		0.5	0.07	0.01	U	0.1	0.01	0.01	U	0.1	0.01	**0.02**	J	0.1	0.01	0.01	U	0.1	0.01	**0.02**	J	0.1	0.01
Phenanthrene	85-01-8	50	**59**		0.5	0.12	**0.03**	J	0.1	0.02	0.02	U	0.1	0.02	**0.05**	J	0.1	0.02	**0.02**	J	0.1	0.02	**0.11**		0.1	0.02
Dibenzo(a,h)anthracene	53-70-3		**13**		0.5	0.06	0.01	U	0.1	0.01	0.01	U	0.1	0.01	**0.01**	J	0.1	0.01	0.01	U	0.1	0.01	0.01	U	0.1	0.01
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	**66**		0.5	0.06	0.01	U	0.1	0.01	**0.02**	J	0.1	0.01	**0.02**	J	0.1	0.01	0.01	U	0.1	0.01	0.01	U	0.1	0.01
Pyrene	129-00-0	50	**110**		0.5	0.1	**0.02**	J	0.1	0.02	**0.02**	J	0.1	0.02	**0.03**	J	0.1	0.02	0.02	U	0.1	0.02	**0.05**	J	0.1	0.02
2-Methylnaphthalene	91-57-6		**1.5**		0.5	0.11	0.02	U	0.1	0.02	0.02	U	0.1	0.02	**0.03**	J	0.1	0.02	0.02	U	0.1	0.02	0.02	U	0.1	0.02
Pentachlorophenol	87-86-5	1	**2.3**	J	4	0.07	0.01	U	0.8	0.01	0.01	U	0.8	0.01	0.01	U	0.8	0.01	0.01	U	0.8	0.01	**0.11**	J	0.8	0.01
Hexachlorobenzene	118-74-1	0.04	0.05	U	4	0.05	0.01	U	0.8	0.01	0.01	U	0.8	0.01	0.01	U	0.8	0.01	0.01	U	0.8	0.01	0.01	U	0.8	0.01
Hexachloroethane	67-72-1	5	0.32	U	4	0.32	0.06	U	0.8	0.06	0.06	U	0.8	0.06	0.06	U	0.8	0.06	0.06	U	0.8	0.06	0.06	U	0.8	0.06

Compound Exceeds NY-AWQS

Table 4B
Summary of Groundwater Sample Results
PCBs, Pesticides, Metals
70 Westchester Avenue, White Plains, New York

SAMPLE ID:		NY-AWQS	GW-1				GW-2				GW-3				GW-4				GW-5				GW-6			
LAB ID:			L2037617-11				L2037881-11				L2037881-12				L2037881-13				L2037881-14				L2038359-01			
COLLECTION DATE:			9/10/2020				9/11/2020				9/11/2020				9/11/2020				9/11/2020				9/15/2020			
SAMPLE MATRIX:			WATER				WATER				WATER				WATER				WATER				WATER			
ANALYTE	**CAS**	**(ug/l)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
ORGANOCHLORINE PESTICIDES BY GC																										
Delta-BHC	319-86-8	0.04	0.003	U	0.014	0.003	0.003	U	0.014	0.003	0.003	U	0.014	0.003	0.003	U	0.014	0.003	0.003	U	0.014	0.003	0.003	U	0.014	0.003
Lindane	58-89-9	0.05	0.003	U	0.014	0.003	0.003	U	0.014	0.003	0.003	U	0.014	0.003	0.003	U	0.014	0.003	0.003	U	0.014	0.003	0.003	U	0.014	0.003
Alpha-BHC	319-84-6	0.01	0.003	U	0.014	0.003	0.003	U	0.014	0.003	0.003	U	0.014	0.003	0.003	U	0.014	0.003	0.003	U	0.014	0.003	0.003	U	0.014	0.003
Beta-BHC	319-85-7	0.04	0.004	U	0.014	0.004	0.004	U	0.014	0.004	0.004	U	0.014	0.004	0.004	U	0.014	0.004	0.004	U	0.014	0.004	0.004	U	0.014	0.004
Heptachlor	76-44-8	0.04	0.002	U	0.014	0.002	0.002	U	0.014	0.002	0.002	U	0.014	0.002	0.002	U	0.014	0.002	0.002	U	0.014	0.002	0.002	U	0.014	0.002
Aldrin	309-00-2	0	0.002	U	0.014	0.002	0.002	U	0.014	0.002	0.002	U	0.014	0.002	0.002	U	0.014	0.002	0.002	U	0.014	0.002	0.002	U	0.014	0.002
Heptachlor epoxide	1024-57-3	0.03	0.003	U	0.014	0.003	0.003	U	0.014	0.003	0.003	U	0.014	0.003	0.003	U	0.014	0.003	0.003	U	0.014	0.003	0.003	U	0.014	0.003
Endrin	72-20-8	0	0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003
Endrin aldehyde	7421-93-4	5	0.006	U	0.029	0.006	0.006	U	0.029	0.006	0.006	U	0.029	0.006	0.006	U	0.029	0.006	0.006	U	0.029	0.006	0.006	U	0.029	0.006
Endrin ketone	53494-70-5	5	0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003
Dieldrin	60-57-1	0.004	0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003
4,4'-DDE	72-55-9	0.2	**0.008**	**JIP**	0.029	0.003	0.003	U	0.029	0.003	**0.007**	**J**	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003
4,4'-DDD	72-54-8	0.3	**0.016**	**JIP**	0.029	0.003	0.003	U	0.029	0.003	**0.013**	**J**	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003
4,4'-DDT	50-29-3	0.2	0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003
Endosulfan I	959-98-8		0.002	U	0.014	0.002	0.002	U	0.014	0.002	0.002	U	0.014	0.002	0.002	U	0.014	0.002	0.002	U	0.014	0.002	0.002	U	0.014	0.002
Endosulfan II	33213-65-9		0.004	U	0.029	0.004	0.004	U	0.029	0.004	0.004	U	0.029	0.004	0.004	U	0.029	0.004	0.004	U	0.029	0.004	0.004	U	0.029	0.004
Endosulfan sulfate	1031-07-8		0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003	0.003	U	0.029	0.003
Methoxychlor	72-43-5	35	0.005	U	0.143	0.005	0.005	U	0.143	0.005	0.005	U	0.143	0.005	0.005	U	0.143	0.005	0.005	U	0.143	0.005	0.005	U	0.143	0.005
Toxaphene	8001-35-2	0.06	0.045	U	0.143	0.045	0.045	U	0.143	0.045	0.045	U	0.143	0.045	0.045	U	0.143	0.045	0.045	U	0.143	0.045	0.045	U	0.143	0.045
cis-Chlordane	5103-71-9		**0.029**		0.014	0.005	0.005	U	0.014	0.005	0.005	U	0.014	0.005	0.005	U	0.014	0.005	0.005	U	0.014	0.005	0.005	U	0.014	0.005
trans-Chlordane	5103-74-2		**0.014**	**JIP**	0.014	0.004	0.004	U	0.014	0.004	0.004	U	0.014	0.004	0.004	U	0.014	0.004	0.004	U	0.014	0.004	0.004	U	0.014	0.004
Chlordane	57-74-9	0.05	0.033	U	0.143	0.033	0.033	U	0.143	0.033	0.033	U	0.143	0.033	0.033	U	0.143	0.033	0.033	U	0.143	0.033	0.033	U	0.143	0.033
POLYCHLORINATED BIPHENYLS BY GC																										
Aroclor 1016	12674-11-2	0.09	0.034	U	0.083	0.034	0.034	U	0.083	0.034	0.034	U	0.083	0.034	0.034	U	0.083	0.034	0.034	U	0.083	0.034	0.034	U	0.083	0.034
Aroclor 1221	11104-28-2	0.09	0.067	U	0.083	0.067	0.067	U	0.083	0.067	0.067	U	0.083	0.067	0.067	U	0.083	0.067	0.067	U	0.083	0.067	0.067	U	0.083	0.067
Aroclor 1232	11141-16-5	0.09	0.046	U	0.083	0.046	0.046	U	0.083	0.046	0.046	U	0.083	0.046	0.046	U	0.083	0.046	0.046	U	0.083	0.046	0.046	U	0.083	0.046
Aroclor 1242	53469-21-9	0.09	**0.143**		0.083	0.039	0.039	U	0.083	0.039	0.039	U	0.083	0.039	0.039	U	0.083	0.039	0.039	U	0.083	0.039	0.039	U	0.083	0.039
Aroclor 1248	12672-29-6	0.09	0.049	U	0.083	0.049	0.049	U	0.083	0.049	0.049	U	0.083	0.049	0.049	U	0.083	0.049	0.049	U	0.083	0.049	0.049	U	0.083	0.049
Aroclor 1254	11097-69-1	0.09	0.039	U	0.083	0.039	0.039	U	0.083	0.039	0.039	U	0.083	0.039	0.039	U	0.083	0.039	0.039	U	0.083	0.039	0.039	U	0.083	0.039
Aroclor 1260	11096-82-5	0.09	**0.043**	**J**	0.083	0.032	0.032	U	0.083	0.032	0.032	U	0.083	0.032	**0.07**	**J**	0.083	0.032	0.032	U	0.083	0.032	0.032	U	0.083	0.032
Aroclor 1262	37324-23-5	0.09	0.035	U	0.083	0.035	0.035	U	0.083	0.035	0.035	U	0.083	0.035	0.035	U	0.083	0.035	0.035	U	0.083	0.035	0.035	U	0.083	0.035
Aroclor 1268	11100-14-4	0.09	0.034	U	0.083	0.034	0.034	U	0.083	0.034	0.034	U	0.083	0.034	0.034	U	0.083	0.034	0.034	U	0.083	0.034	0.034	U	0.083	0.034
PCBs, Total	1336-36-3		**0.186**	**J**	0.083	0.032	0.032	U	0.083	0.032	0.032	U	0.083	0.032	**0.07**	**J**	0.083	0.032	0.032	U	0.083	0.032	0.032	U	0.083	0.032
TOTAL METALS																										
Aluminum, Total	7429-90-5		**182000**		20	6.54	**160000**		10	3.27	**4830**		10	3.27	**189000**		10	3.27	**260000**		10	3.27	**77900**		10	3.27
Antimony, Total	7440-36-0	3	**3.58**	**J**	8	0.85	0.42	U	4	0.42	**0.49**	**J**	4	0.42	0.42	U	4	0.42	0.42	U	4	0.42	0.42	U	4	0.42
Arsenic, Total	7440-38-2	25	**35.5**		1	0.33	**10.32**		0.5	0.16	**1.94**		0.5	0.16	**39.34**		0.5	0.16	**39.39**		0.5	0.16	**32.58**		0.5	0.16
Barium, Total	7440-39-3	1000	**4955**		1	0.34	**3235**		0.5	0.17	**494.1**		0.5	0.17	**4542**		0.5	0.17	**5299**		0.5	0.17	**3884**		0.5	0.17
Beryllium, Total	7440-41-7	3	**9.82**		1	0.21	**5**		0.5	0.1	**0.16**	**J**	0.5	0.1	**4.18**		0.5	0.1	**4.14**		0.5	0.1	**6.34**		0.5	0.1
Cadmium, Total	7440-43-9	5	**5.15**		0.4	0.11	**1.47**		0.2	0.05	**3.17**		0.2	0.05	**9.93**		0.2	0.05	**7.79**		0.2	0.05	**8.92**		0.2	0.05
Calcium, Total	7440-70-2		**1310000**		10000	3940	**597000**		5000	1970	**115000**		100	39.4	**141000**		100	39.4	**304000**		100	39.4	**628000**		5000	1970
Chromium, Total	7440-47-3	50	**1022**		2	0.35	**379.5**		1	0.17	**6.45**		1	0.17	**440.9**		1	0.17	**649.2**		1	0.17	**329.5**		1	0.17
Cobalt, Total	7440-48-4		**194.2**		1	0.32	**134.9**		0.5	0.16	**8.24**		0.5	0.16	**241.2**		0.5	0.16	**396.5**		0.5	0.16	**473.9**		0.5	0.16
Copper, Total	7440-50-8	200	**744.4**		2	0.76	**615.8**		1	0.38	**75.15**		1	0.38	**658**		1	0.38	**920**		1	0.38	**594.3**		1	0.38
Iron, Total	7439-89-6	300	**291000**		100	38.2	**326000**		70	19.1	**9440**		70	19.1	**411000**		70	19.1	**322000**		3500	955	**142000**		70	19.1
Lead, Total	7439-92-1	25	**2230**		2	0.68	**619**		1	0.34	**5.89**		1	0.34	**1032**		1	0.34	**1116**		1	0.34	**216.5**		1	0.34
Magnesium, Total	7439-95-4	35000	**529000**		140	48.4	**477000**		70	24.2	**21600**		70	24.2	**162000**		70	24.2	**310000**		70	24.2	**216000**		70	24.2
Manganese, Total	7439-96-5	300	**7805**		2	0.88	**13490**		50	22	**9200**		50	22	**34120**		50	22	**19240**		50	22	30740		50	22
Mercury, Total	7439-97-6	0.7	**1.79**		0.2	0.09	**0.29**		0.2	0.09	0.09	U	0.2	0.09	**1.4**		0.2	0.09	**0.9**		0.2	0.09	0.09	U	0.2	0.09
Nickel, Total	7440-02-0	100	**390.5**		4	1.11	**262.6**		2	0.55	**128.5**		2	0.55	**485.6**		2	0.55	**427.4**		2	0.55	**506.4**		2	0.55
Potassium, Total	7440-09-7		**60300**		200	61.8	**53100**		100	30.9	**5440**		100	30.9	32500		100	30.9	**54200**		100	30.9	**44700**		100	30.9
Selenium, Total	7782-49-2	10	**23.9**		10	3.46	**6.18**		5	1.73	1.73	U	5	1.73	**32.7**		5	1.73	**30.8**		5	1.73	**34**		5	1.73
Silver, Total	7440-22-4	50	**1.31**		0.8	0.32	**1.1**		0.4	0.16	0.16	U	0.4	0.16	**1.71**		0.4	0.16	**1.84**		0.4	0.16	**0.61**		0.4	0.16
Sodium, Total	7440-23-5	20000	**650000**		200	58.6	**434000**		5000	1460	**59200**		100	29.3	**112000**		100	29.3	**401000**		5000	1460	**230000**		100	29.3
Thallium, Total	7440-28-0	0.5	**3.55**		1	0.28	**2**		1	0.14	0.14	U	1	0.14	**2.49**		1	0.14	**2.59**		1	0.14	**1.95**		0.5	0.14
Vanadium, Total	7440-62-2		**235.2**		10	3.14	**173.6**		5	1.57	**11.08**		5	1.57	**160.4**		5	1.57	**286.2**		5	1.57	**148.5**		5	1.57
Zinc, Total	7440-66-6	2000	**2341**		20	6.82	**425.1**		10	3.41	**70.25**		10	3.41	**909.7**		10	3.41	**1416**		10	3.41	**701.2**		10	3.41
GENERAL CHEMISTRY																										
Cyanide, Total	57-12-5	200	**23**		5	1	**2**	**J**	5	1	**4**	**J**	5	1	**2**	**J**	5	1	**2**	**J**	5	1	1	U	5	1

Compound Exceeds NY-AWQS

Table 4C
Summary of Soil Vapor Sample Results
Volatile Organic Compounds
70 Westchester Avenue, White Plains, New York

SAMPLE ID:		NY-SSC-A	NY-SSC-B	NY-SSC-C	AMBIENT-1				AMBIENT-2				AMBIENT-3				SV-1				SV-10				SV-11				SV-12				SV-2				SV-3				SV-4				SV-5			
LAB ID:					L2038365-13				L2038365-14				L2038365-15				L2038365-01				L2038365-10				L2038365-11				L2038365-12				L2038365-02				L2038365-03				L2038365-04				L2038365-05			
COLLECTION DATE:					9/14/2020				9/14/2020				9/14/2020				9/14/2020				9/14/2020				9/14/2020				9/14/2020				9/14/2020				9/14/2020				9/15/2020				9/14/2020			
SAMPLE MATRIX:					AIR				AIR				AIR				SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR			
ANALYTE	CAS	(ug/m3)	(ug/m3)	(ug/m3)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS IN AIR																																																
Dichlorodifluoromethane	75-71-8				**1.91**		0.989	-	**1.46**		0.989	-	**1.52**		0.989	-	**6.72**		6.18	-	**1.73**		0.989	-	**2.36**		1.98	-	ND		4.12	-	**6.28**		4.12	-	**2.31**		1.65	-	ND		20.6	-	**17.5**		2.47	-
Chloromethane	74-87-3				**1.05**		0.413	-	**0.76**		0.413	-	**0.869**		0.413	-	ND		2.58	-	**0.467**		0.413	-	ND		0.826	-	ND		1.72	-	ND		1.72	-	**1.03**		0.688	-	ND		8.59	-	ND		1.03	-
Freon-114	76-14-2				ND		1.4	-	ND		1.4	-	ND		1.4	-	ND		8.74	-	ND		1.4	-	ND		2.8	-	ND		5.82	-	**22.2**		5.82	-	ND		2.33	-	ND		29.1	-	**64.4**		3.49	-
Vinyl chloride	75-01-4			6	ND		0.511	-	ND		0.511	-	ND		0.511	-	ND		3.2	-	ND		0.511	-	ND		1.02	-	ND		2.13	-	ND		2.13	-	ND		0.851	-	ND		10.6	-	ND		1.28	-
1,3-Butadiene	106-99-0				ND		0.442	-	ND		0.442	-	ND		0.442	-	ND		2.77	-	ND		0.442	-	ND		0.885	-	ND		1.84	-	ND		1.84	-	ND		0.737	-	ND		9.2	-	ND		1.11	-
Bromomethane	74-83-9				ND		0.777	-	ND		0.777	-	ND		0.777	-	ND		4.85	-	ND		0.777	-	ND		1.55	-	ND		3.23	-	ND		3.23	-	ND		1.29	-	ND		16.2	-	ND		1.94	-
Chloroethane	75-00-3				ND		0.528	-	ND		0.528	-	ND		0.528	-	ND		3.3	-	ND		0.528	-	ND		1.06	-	ND		2.2	-	ND		2.2	-	ND		0.879	-	ND		11	-	ND		1.32	-
Ethanol	64-17-5				**70.3**		9.42	-	**22.8**		9.42	-	**9.82**		9.42	-	**80.8**		58.8	-	**72.4**		9.42	-	**89.7**		18.8	-	**132**		39.2	-	**72.4**		39.2	-	**21.5**		15.7	-	**580**		196	-	**37.7**		23.6	-
Vinyl bromide	593-60-2				ND		0.874	-	ND		0.874	-	ND		0.874	-	ND		5.47	-	ND		0.874	-	ND		1.75	-	ND		3.64	-	ND		3.64	-	ND		1.46	-	ND		18.2	-	ND		2.19	-
Acetone	67-64-1				**406**		2.38	-	**74.8**		2.38	-	**5.65**		2.38	-	299		14.8	-	**89.3**		2.38	-	**161**		4.75	-	**271**		9.91	-	**213**		9.91	-	**85.8**		3.97	-	**1640**		49.4	-	**120**		5.94	-
Trichlorofluoromethane	75-69-4				**1.33**		1.12	-	ND		1.12	-	ND		1.12	-	ND		7.02	-	**2.51**		1.12	-	ND		2.25	-	ND		4.68	-	ND		4.68	-	**2.06**		1.87	-	ND		23.4	-	ND		2.81	-
Isopropanol	67-63-0				**49.4**		1.23	-	**7.74**		1.23	-	**1.84**		1.23	-	ND		7.67	-	**27.3**		1.23	-	**30**		2.46	-	**57.3**		5.11	-	ND		5.11	-	ND		2.05	-	**1130**		25.6	-	ND		3.07	-
1,1-Dichloroethene	75-35-4	6			ND		0.793	-	ND		0.793	-	ND		0.793	-	ND		4.96	-	ND		0.793	-	ND		1.59	-	ND		3.3	-	ND		3.3	-	ND		1.32	-	ND		16.5	-	ND		1.98	-
Tertiary butyl Alcohol	75-65-0				ND		1.52	-	ND		1.52	-	ND		1.52	-	ND		9.46	-	**3.79**		1.52	-	**4.58**		3.03	-	ND		6.31	-	ND		6.31	-	ND		2.53	-	ND		31.5	-	ND		3.79	-
Methylene chloride	75-09-2		100		ND		1.74	-	ND		1.74	-	ND		1.74	-	ND		10.8	-	ND		1.74	-	ND		3.47	-	ND		7.23	-	ND		7.23	-	ND		2.9	-	ND		36.1	-	ND		4.34	-
3-Chloropropene	107-05-1				ND		0.626	-	ND		0.626	-	ND		0.626	-	ND		3.91	-	ND		0.626	-	ND		1.25	-	ND		2.61	-	ND		2.61	-	ND		1.04	-	ND		13	-	ND		1.57	-
Carbon disulfide	75-15-0				ND		0.623	-	ND		0.623	-	ND		0.623	-	**9.31**		3.89	-	**4.55**		0.623	-	**2.8**		1.25	-	**3.06**		2.59	-	**7.04**		2.59	-	**18.1**		1.04	-	ND		13	-	**5.92**		1.56	-
Freon-113	76-13-1				ND		1.53	-	ND		1.53	-	ND		1.53	-	ND		9.58	-	ND		1.53	-	ND		3.07	-	ND		6.38	-	ND		6.38	-	ND		2.55	-	ND		31.9	-	ND		3.83	-
trans-1,2-Dichloroethene	156-60-5				ND		0.793	-	ND		0.793	-	ND		0.793	-	ND		4.96	-	ND		0.793	-	ND		1.59	-	ND		3.3	-	ND		3.3	-	ND		1.32	-	ND		16.5	-	ND		1.98	-
1,1-Dichloroethane	75-34-3				ND		0.809	-	ND		0.809	-	ND		0.809	-	ND		5.06	-	ND		0.809	-	ND		1.62	-	ND		3.37	-	ND		3.37	-	ND		1.35	-	ND		16.8	-	ND		2.02	-
Methyl tert butyl ether	1634-04-4				ND		0.721	-	ND		0.721	-	ND		0.721	-	ND		4.51	-	ND		0.721	-	ND		1.44	-	ND		3	-	ND		3	-	ND		1.2	-	ND		15	-	ND		1.8	-
2-Butanone	78-93-3				**1.48**		1.47	-	**10.1**		1.47	-	ND		1.47	-	**1160**		9.2	-	**22.2**		1.47	-	**38.9**		2.95	-	**25.7**		6.13	-	**770**		6.13	-	**324**		2.46	-	**3780**		30.7	-	**501**		3.69	-
cis-1,2-Dichloroethene	156-59-2	6			ND		0.793	-	ND		0.793	-	ND		0.793	-	ND		4.96	-	ND		0.793	-	ND		1.59	-	ND		3.3	-	ND		3.3	-	ND		1.32	-	ND		16.5	-	ND		1.98	-
Ethyl Acetate	141-78-6				ND		1.8	-	ND		1.8	-	ND		1.8	-	ND		11.2	-	ND		1.8	-	ND		3.6	-	ND		7.5	-	ND		7.5	-	ND		3.01	-	ND		37.5	-	ND		4.5	-
Chloroform	67-66-3				ND		0.977	-	ND		0.977	-	ND		0.977	-	ND		6.1	-	**0.991**		0.977	-	ND		1.95	-	**5.08**		4.07	-	ND		4.07	-	**2.78**		1.63	-	ND		20.3	-	ND		2.44	-
Tetrahydrofuran	109-99-9				**20.9**		1.47	-	**3.19**		1.47	-	ND		1.47	-	ND		9.2	-	**1.76**		1.47	-	**7.17**		2.95	-	**8.7**		6.13	-	ND		6.13	-	ND		2.46	-	ND		30.7	-	ND		3.69	-
1,2-Dichloroethane	107-06-2				ND		0.809	-	ND		0.809	-	ND		0.809	-	ND		5.06	-	ND		0.809	-	ND		1.62	-	ND		3.37	-	ND		3.37	-	ND		1.35	-	ND		16.8	-	ND		2.02	-
n-Hexane	110-54-3				**254**		0.705	-	**48.3**		0.705	-	ND		0.705	-	**4.9**		4.41	-	**270**		0.705	-	**560**		1.41	-	**1110**		2.94	-	ND		2.94	-	**3.13**		1.17	-	ND		14.7	-	**3.98**		1.76	-
1,1,1-Trichloroethane	71-55-6		100		ND		1.09	-	ND		1.09	-	ND		1.09	-	ND		6.82	-	ND		1.09	-	ND		2.18	-	ND		4.54	-	ND		4.54	-	ND		1.82	-	ND		22.7	-	ND		2.73	-
Benzene	71-43-2				**8.11**		0.639	-	**2.03**		0.639	-	ND		0.639	-	ND		3.99	-	**4.82**		0.639	-	**6.39**		1.28	-	**5.97**		2.66	-	ND		2.66	-	**1.91**		1.06	-	ND		13.3	-	ND		1.6	-
Carbon tetrachloride	56-23-5	6			ND		1.26	-	ND		1.26	-	ND		1.26	-	ND		7.86	-	ND		1.26	-	ND		2.52	-	ND		5.24	-	ND		5.24	-	ND		2.09	-	ND		26.2	-	ND		3.15	-
Cyclohexane	110-82-7				**3.82**		0.688	-	**0.819**		0.688	-	ND		0.688	-	ND		4.3	-	**4.06**		0.688	-	**6.51**		1.38	-	**5.95**		2.87	-	ND		2.87	-	ND		1.15	-	ND		14.3	-	ND		1.72	-
1,2-Dichloropropane	78-87-5				ND		0.924	-	ND		0.924	-	ND		0.924	-	ND		5.78	-	ND		0.924	-	ND		1.85	-	ND		3.85	-	ND		3.85	-	ND		1.54	-	ND		19.2	-	ND		2.31	-
Bromodichloromethane	75-27-4				ND		1.34	-	ND		1.34	-	ND		1.34	-	ND		8.37	-	ND		1.34	-	ND		2.68	-	ND		5.58	-	ND		5.58	-	ND		2.23	-	ND		27.9	-	ND		3.35	-
1,4-Dioxane	123-91-1				ND		0.721	-	ND		0.721	-	ND		0.721	-	ND		4.5	-	ND		0.721	-	ND		1.44	-	ND		3	-	ND		3	-	ND		1.2	-	ND		15	-	ND		1.8	-
Trichloroethene	79-01-6	6			ND		1.07	-	ND		1.07	-	ND		1.07	-	ND		6.72	-	ND		1.07	-	ND		2.15	-	ND		4.48	-	ND		4.48	-	ND		1.79	-	ND		22.4	-	ND		2.69	-
2,2,4-Trimethylpentane	540-84-1				**15.2**		0.934	-	**3.07**		0.934	-	ND		0.934	-	ND		5.84	-	**14.5**		0.934	-	**21.1**		1.87	-	**12.3**		3.89	-	ND		3.89	-	ND		1.56	-	ND		19.4	-	ND		2.34	-
Heptane	142-82-5				**71.7**		0.82	-	**10.5**		0.82	-	ND		0.82	-	ND		5.12	-	**24.3**		0.82	-	**32.5**		1.64	-	**31.4**		3.41	-	ND		3.41	-	**1.7**		1.36	-	ND		17	-	**2.59**		2.05	-
cis-1,3-Dichloropropene	10061-01-5				ND		0.908	-	ND		0.908	-	ND		0.908	-	ND		5.67	-	ND		0.908	-	ND		1.82	-	ND		3.78	-	ND		3.78	-	ND		1.51	-	ND		18.9	-	ND		2.27	-
4-Methyl-2-pentanone	108-10-1				ND		2.05	-	ND		2.05	-	ND		2.05	-	ND		12.8	-	**2.93**		2.05	-	**4.47**		4.1	-	ND		8.52	-	ND		8.52	-	ND		3.42	-	ND		42.6	-	ND		5.12	-
trans-1,3-Dichloropropene	10061-02-6				ND		0.908	-	ND		0.908	-	ND		0.908	-	ND		5.67	-	ND		0.908	-	ND		1.82	-	ND		3.78	-	ND		3.78	-	ND		1.51	-	ND		18.9	-	ND		2.27	-
1,1,2-Trichloroethane	79-00-5				ND		1.09	-	ND		1.09	-	ND		1.09	-	ND		6.82	-	ND		1.09	-	ND		2.18	-	ND		4.54	-	ND		4.54	-	ND		1.82	-	ND		22.7	-	ND		2.73	-
Toluene	108-88-3				**588**		1.51	-	**116**		0.754	-	**0.927**		0.754	-	**9.87**		4.71	-	**164**		0.754	-	**334**		1.51	-	**369**		3.14	-	**6.14**		3.14	-	**11.8**		1.25	-	ND		15.7	-	**12.7**		1.88	-
2-Hexanone	591-78-6				ND		0.82	-	ND		0.82	-	ND		0.82	-	**95.9**		5.12	-	**8.24**		0.82	-	**11.2**		1.64	-	ND		3.41	-	**106**		3.41	-	**61.5**		1.36	-	**68.4**		17	-	**72.5**		2.05	-
Dibromochloromethane	124-48-1				ND		1.7	-	ND		1.7	-	ND		1.7	-	ND		10.6	-	ND		1.7	-	ND		3.41	-	ND		7.1	-	ND		7.1	-	ND		2.84	-	ND		35.4	-	ND		4.26	-
1,2-Dibromoethane	106-93-4				ND		1.54	-	ND		1.54	-	ND		1.54	-	ND		9.61	-	ND		1.54	-	ND		3.07	-	ND		6.4	-	ND		6.4	-	ND		2.56	-	ND		32	-	ND		3.84	-
Tetrachloroethene	127-18-4		100		ND		1.36	-	ND		1.36	-	ND		1.36	-	**45.6**		8.48	-	**28.1**		1.36	-	**21.8**		2.71	-	**7.39**		5.65	-	**23.5**		5.65	-	**28.1**		2.26	-	ND		28.2	-	**41**		3.39	-
Chlorobenzene	108-90-7				ND		0.921	-	ND		0.921	-	ND		0.921	-	ND		5.76	-	ND		0.921	-	ND		1.84	-	ND		3.84	-	ND		3.84	-	ND		1.53	-	ND		19.2	-	ND		2.3	-
Ethylbenzene	100-41-4				**9.43**		0.869	-	**1.8**		0.869	-	ND		0.869	-	ND		5.43	-	**3.67**		0.869	-	**6.56**		1.74	-	**4.73**		3.62	-	**4.23**		3.62	-	**4.95**		1.45	-	ND		18.1	-	**6.34**		2.17	-
p/m-Xylene	179601-23-1				**34.5**		1.74	-	**6.86**		1.74	-	ND		1.74	-	**17.5**		10.9	-	**11.3**		1.74	-	**20.1**		3.47	-	**16.4**		7.25	-	**15.8**		7.25	-	**18.5**		2.9	-	ND		36.2	-	**24.9**		4.34	-
Bromoform	75-25-2				ND		2.07	-	ND		2.07	-	ND		2.07	-	ND		12.9	-	ND		2.07	-	ND		4.14	-	ND		8.61	-	ND		8.61	-	ND		3.44	-	ND		43	-	ND		5.17	-
Styrene	100-42-5				ND		0.852	-	ND		0.852	-	ND		0.852	-	ND		5.32	-	ND		0.852	-	ND		1.7	-	ND		3.55	-	ND		3.55	-	ND		1.42	-	ND		17.7	-	ND		2.13	-
1,1,2,2-Tetrachloroethane	79-34-5				ND		1.37	-	ND		1.37	-	ND		1.37	-	ND		8.58	-	ND		1.37	-	ND		2.75	-	ND		5.72	-	**18.7**		5.72	-	ND		2.29	-	ND		28.6	-	ND		3.43	-
o-Xylene	95-47-6				9.99		0.869	-	**2.05**		0.869	-	ND		0.869	-	**10.9**		5.43	-	**5.04**		0.869	-	**7.51**		1.74	-	**6.56**		3.62	-	**9.47**		3.62	-	**9.9**		1.45	-	ND		18.1	-	**12**		2.17	-
4-Ethyltoluene	622-96-8				1.42		0.983	-	ND		0.983	-	ND		0.983	-	ND		6.15	-	**1.36**		0.983	-	ND		1.97	-	ND		4.1	-	ND		4.1	-	**2.9**		1.64	-	ND		20.5	-	ND		2.46	-
1,2,4-Trimethylbenzene	95-63-6				11.4		0.983	-	**2.24**		0.983	-	ND		0.983	-	**15.8**		6.15	-	**9**		0.983	-	**10.3**		1.97	-	**8.9**		4.1	-	**15.4**		4.1	-	**15.9**		1.64	-	ND		20.5	-	**13.2**		2.46	-
Benzyl chloride	100-44-7				ND		1.04	-	ND		1.04	-	ND		1.04	-	ND		6.47	-	ND		1.04	-	ND		2.07	-	ND		4.31	-	ND		4.31	-	ND		1.72	-	ND		21.5	-	ND		2.59	-
1,3-Dichlorobenzene	541-73-1				ND		1.2	-	ND		1.2	-	ND		1.2	-	ND		7.52	-	ND		1.2	-	ND		2.4	-	ND		5.01	-	ND		5.01	-	ND		2	-	ND		25	-	ND		3.01	-
1,4-Dichlorobenzene	106-46-7				ND		1.2	-	ND		1.2	-	ND		1.2	-	ND		7.52	-	ND		1.2	-	ND		2.4	-	ND		5.01	-	ND		5.01	-	ND		2	-	ND		25	-	ND		3.01	-
1,2-Dichlorobenzene	95-50-1				ND		1.2	-	ND		1.2	-	ND		1.2	-	ND		7.52	-	ND		1.2	-	ND		2.4	-	ND		5.01	-	ND		5.01	-	ND		2	-	ND		25	-	ND		3.01	-
1,2,4-Trichlorobenzene	120-82-1				ND		1.48	-	ND		1.48	-	ND		1.48	-	ND		9.28	-	ND		1.48	-	ND		2.97	-	ND		6.18	-	ND		6.18	-	ND		2.47	-	ND		30.9	-	ND		3.71	-
Hexachlorobutadiene	87-68-3				ND		2.13	-	ND		2.13	-	ND		2.13	-	ND		13.3	-	ND		2.13	-	ND		4.27	-	ND		8.89	-	ND		8.89	-	ND		3.55	-	ND		44.4	-	ND		5.33	-
VOLATILE ORGANICS IN AIR BY SIM																																															
1,3,5-Trimethybenzene	108-67-8				**1.94**		0.098	-	**0.403**		0.098	-	ND		0.098	-	**3.96**		0.615	-	**2.11**		0.098	-	**2.5**		0.197	-	**2.19**		0.41	-	**3.91**		0.41	-	**3.87**		0.164	-	ND		2.05	-	**3.81**		0.246	-

NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-SSC-C: New York DOH Matrix C Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

Table 4C
Summary of Soil Vapor Sample Results
Volatile Organic Compounds
70 Westchester Avenue, White Plains, New York

SAMPLE ID:		NY-SSC-A	NY-SSC-B	NY-SSC-C	SV-6				SV-7				SV-8				SV-9			
LAB ID:					L2038365-06				L2038365-07				L2038365-08				L2038365-09			
COLLECTION DATE:					9/14/2020				9/14/2020				9/14/2020				9/14/2020			
SAMPLE MATRIX:					SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR			
ANALYTE	CAS	(ug/m3)	(ug/m3)	(ug/m3)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS IN AIR																				
Dichlorodifluoromethane	75-71-8				**14.1**		3.3	-	**3.48**		1.24	-	**5.49**		1.77	-	**18.8**		0.989	-
Chloromethane	74-87-3				ND		1.38	-	ND		0.516	-	ND		0.737	-	ND		0.413	-
Freon-114	76-14-2				**59.4**		4.66	-	ND		1.75	-	ND		2.5	-	ND		1.4	-
Vinyl chloride	75-01-4			6	ND		1.71	-	ND		0.639	-	ND		0.913	-	ND		0.511	-
1,3-Butadiene	106-99-0				ND		1.48	-	ND		0.553	-	ND		0.79	-	ND		0.442	-
Bromomethane	74-83-9				ND		2.59	-	ND		0.971	-	ND		1.39	-	ND		0.777	-
Chloroethane	75-00-3				ND		1.76	-	ND		0.66	-	ND		0.942	-	ND		0.528	-
Ethanol	64-17-5				**46.2**		31.5	-	**24.3**		11.8	-	ND		16.8	-	ND		9.42	-
Vinyl bromide	593-60-2				ND		2.92	-	ND		1.09	-	ND		1.56	-	ND		0.874	-
Acetone	67-64-1				**162**		7.91	-	**63.9**		2.97	-	**46.6**		4.25	-	**24.5**		2.38	-
Trichlorofluoromethane	75-69-4				ND		3.75	-	**16.3**		1.4	-	ND		2.01	-	**9.89**		1.12	-
Isopropanol	67-63-0				ND		4.1	-	**3.71**		1.54	-	ND		2.2	-	**1.31**		1.23	-
1,1-Dichloroethene	75-35-4	6			ND		2.64	-	ND		0.991	-	ND		1.42	-	ND		0.793	-
Tertiary butyl Alcohol	75-65-0				ND		5.06	-	**2.76**		1.89	-	ND		2.71	-	**2.79**		1.52	-
Methylene chloride	75-09-2		100		ND		5.8	-	ND		2.17	-	ND		3.1	-	**1.98**		1.74	-
3-Chloropropene	107-05-1				ND		2.09	-	ND		0.783	-	ND		1.12	-	ND		0.626	-
Carbon disulfide	75-15-0				**65.1**		2.08	-	**41.7**		0.779	-	**3.74**		1.11	-	**4.27**		0.623	-
Freon-113	76-13-1				ND		5.11	-	ND		1.92	-	ND		2.74	-	ND		1.53	-
trans-1,2-Dichloroethene	156-60-5				ND		2.64	-	ND		0.991	-	ND		1.42	-	ND		0.793	-
1,1-Dichloroethane	75-34-3				ND		2.7	-	ND		1.01	-	ND		1.44	-	ND		0.809	-
Methyl tert butyl ether	1634-04-4				ND		2.4	-	ND		0.901	-	ND		1.29	-	ND		0.721	-
2-Butanone	78-93-3				**608**		4.93	-	**263**		1.84	-	**7.76**		2.63	-	**2.92**		1.47	-
cis-1,2-Dichloroethene	156-59-2	6			ND		2.64	-	ND		0.991	-	ND		1.42	-	ND		0.793	-
Ethyl Acetate	141-78-6				ND		6.02	-	ND		2.25	-	ND		3.22	-	ND		1.8	-
Chloroform	67-66-3				**16.5**		3.26	-	**2.77**		1.22	-	**2.18**		1.74	-	**4.12**		0.977	-
Tetrahydrofuran	109-99-9				ND		4.93	-	**8.55**		1.84	-	ND		2.63	-	ND		1.47	-
1,2-Dichloroethane	107-06-2				ND		2.7	-	ND		1.01	-	ND		1.44	-	**2.15**		0.809	-
n-Hexane	110-54-3				**11.5**		2.35	-	**4.97**		0.881	-	**3.45**		1.26	-	**9.83**		0.705	-
1,1,1-Trichloroethane	71-55-6		100		ND		3.64	-	ND		1.36	-	**57.3**		1.95	-	**14.9**		1.09	-
Benzene	71-43-2				**3.15**		2.13	-	**5.46**		0.799	-	**2.12**		1.14	-	**9.17**		0.639	-
Carbon tetrachloride	56-23-5	6			ND		4.2	-	ND		1.57	-	**8.55**		2.25	-	**17.6**		1.26	-
Cyclohexane	110-82-7				ND		2.3	-	**1.28**		0.861	-	**1.81**		1.23	-	**2.29**		0.688	-
1,2-Dichloropropane	78-87-5				ND		3.08	-	ND		1.16	-	ND		1.65	-	ND		0.924	-
Bromodichloromethane	75-27-4				ND		4.47	-	ND		1.67	-	ND		2.39	-	ND		1.34	-
1,4-Dioxane	123-91-1				ND		2.4	-	ND		0.901	-	ND		1.29	-	ND		0.721	-
Trichloroethene	79-01-6	6			ND		3.58	-	**8.55**		1.34	-	**4.15**		1.92	-	ND		1.07	-
2,2,4-Trimethylpentane	540-84-1				**5.89**		3.12	-	**13.6**		1.17	-	**2.64**		1.67	-	**29.5**		0.934	-
Heptane	142-82-5				**7.21**		2.73	-	**3.61**		1.02	-	**3.32**		1.46	-	**5.49**		0.82	-
cis-1,3-Dichloropropene	10061-01-5				ND		3.03	-	ND		1.13	-	ND		1.62	-	ND		0.908	-
4-Methyl-2-pentanone	108-10-1				ND		6.84	-	ND		2.56	-	ND		3.66	-	ND		2.05	-
trans-1,3-Dichloropropene	10061-02-6				ND		3.03	-	ND		1.13	-	ND		1.62	-	ND		0.908	-
1,1,2-Trichloroethane	79-00-5				ND		3.64	-	ND		1.36	-	ND		1.95	-	ND		1.09	-
Toluene	108-88-3				**27.5**		2.51	-	**20.9**		0.942	-	**14.2**		1.35	-	**37.7**		0.754	-
2-Hexanone	591-78-6				**90.6**		2.73	-	**41**		1.02	-	**4.96**		1.46	-	ND		0.82	-
Dibromochloromethane	124-48-1				ND		5.68	-	ND		2.13	-	ND		3.04	-	ND		1.7	-
1,2-Dibromoethane	106-93-4				ND		5.13	-	ND		1.92	-	ND		2.74	-	ND		1.54	-
Tetrachloroethene	127-18-4		100		**53**		4.52	-	**469**		1.7	-	**834**		2.42	-	**62.9**		1.36	-
Chlorobenzene	108-90-7				ND		3.07	-	ND		1.15	-	ND		1.64	-	ND		0.921	-
Ethylbenzene	100-41-4				**10.1**		2.9	-	**13.7**		1.09	-	**1.88**		1.55	-	**4.43**		0.869	-
p/m-Xylene	179601-23-1				**31.3**		5.78	-	**55.6**		2.17	-	**8.86**		3.1	-	**18.3**		1.74	-
Bromoform	75-25-2				ND		6.9	-	ND		2.58	-	ND		3.69	-	ND		2.07	-
Styrene	100-42-5				ND		2.84	-	**1.49**		1.06	-	ND		1.52	-	ND		0.852	-
1,1,2,2-Tetrachloroethane	79-34-5				ND		4.58	-	ND		1.72	-	ND		2.45	-	ND		1.37	-
o-Xylene	95-47-6				**14.8**		2.9	-	**27.4**		1.09	-	**3.64**		1.55	-	**7.73**		0.869	-
4-Ethyltoluene	622-96-8				ND		3.28	-	**5.8**		1.23	-	ND		1.76	-	**1.56**		0.983	-
1,2,4-Trimethylbenzene	95-63-6				**16.9**		3.28	-	**21.5**		1.23	-	**9.54**		1.76	-	**10.6**		0.983	-
Benzyl chloride	100-44-7				ND		3.45	-	ND		1.29	-	ND		1.85	-	ND		1.04	-
1,3-Dichlorobenzene	541-73-1				ND		4.01	-	ND		1.5	-	ND		2.15	-	ND		1.2	-
1,4-Dichlorobenzene	106-46-7				ND		4.01	-	ND		1.5	-	ND		2.15	-	ND		1.2	-
1,2-Dichlorobenzene	95-50-1				ND		4.01	-	ND		1.5	-	ND		2.15	-	ND		1.2	-
1,2,4-Trichlorobenzene	120-82-1				ND		4.95	-	ND		1.86	-	ND		2.65	-	ND		1.48	-
Hexachlorobutadiene	87-68-3				ND		7.11	-	ND		2.67	-	ND		3.81	-	ND		2.13	-
VOLATILE ORGANICS IN AIR BY SIM																				
1,3,5-Trimethybenzene	108-67-8				4.4		0.328	-	**14**		0.123	-	**2.5**		0.176	-	**3.43**		0.098	-

NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating So
NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating So
NY-SSC-C: New York DOH Matrix C Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Sc

Appendix D: Laboratory Reports