Tables

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-1 (5.5-6)				RA-2 (5-5.5)				RA-3 (4-4.5)				RA-4 (4-4.5)			
		LAB ID:	L2209850-07				L2209850-06				L2211760-05				L2211760-06			
		COLLECTION DATE:	2/24/2022				2/24/2022				3/7/2022				3/7/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																
ANALYTE	CAS	(mg/kg)	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	ND		0.28	0.13	ND		0.0054	0.0024	ND		0.0058	0.0026	ND		0.0056	0.0026
1,1-Dichloroethane	75-34-3	0.27	ND		0.056	0.0082	ND		0.0011	0.00016	ND		0.0012	0.00017	ND		0.0011	0.00016
Chloroform	67-66-3	0.37	ND		0.084	0.0079	ND		0.0016	0.00015	ND		0.0017	0.00016	ND		0.0017	0.00016
Carbon tetrachloride	56-23-5	0.76	ND		0.056	0.013	ND		0.0011	0.00025	ND		0.0012	0.00026	ND		0.0011	0.00026
1,2-Dichloropropane	78-87-5		ND		0.056	0.007	ND		0.0011	0.00013	ND		0.0012	0.00014	ND		0.0011	0.00014
Dibromochloromethane	124-48-1		ND		0.056	0.0079	ND		0.0011	0.00015	ND		0.0012	0.00016	ND		0.0011	0.00016
1,1,2-Trichloroethane	79-00-5		ND		0.056	0.015	ND		0.0011	0.00029	ND		0.0012	0.00031	ND		0.0011	0.0003
Tetrachloroethene	127-18-4	1.3	ND		0.028	0.011	ND		0.00054	0.00021	ND		0.00058	0.00022	ND		0.00056	0.00022
Chlorobenzene	108-90-7	1.1	ND		0.028	0.0072	ND		0.00054	0.00014	ND		0.00058	0.00015	ND		0.00056	0.00014
Trichlorofluoromethane	75-69-4		ND		0.22	0.039	ND		0.0043	0.00074	ND		0.0046	0.0008	ND		0.0045	0.00078
1,2-Dichloroethane	107-06-2	0.02	ND		0.056	0.014	ND		0.0011	0.00028	ND		0.0012	0.0003	ND		0.0011	0.00029
1,1,1-Trichloroethane	71-55-6	0.68	ND		0.028	0.0094	ND		0.00054	0.00018	ND		0.00058	0.00019	ND		0.00056	0.00019
Bromodichloromethane	75-27-4		ND		0.028	0.0061	ND		0.00054	0.00012	ND		0.00058	0.00012	ND		0.00056	0.00012
trans-1,3-Dichloropropene	10061-02-6		ND		0.056	0.015	ND		0.0011	0.00029	ND		0.0012	0.00031	ND		0.0011	0.00031
cis-1,3-Dichloropropene	10061-01-5		ND		0.028	0.0089	ND		0.00054	0.00017	ND		0.00058	0.00018	ND		0.00056	0.00018
1,3-Dichloropropene, Total	542-75-6		ND		0.028	0.0089	ND		0.00054	0.00017	ND		0.00058	0.00018	ND		0.00056	0.00018
1,1-Dichloropropene	563-58-6		ND		0.028	0.009	ND		0.00054	0.00017	ND		0.00058	0.00018	ND		0.00056	0.00018
Bromoform	75-25-2		ND		0.22	0.014	ND		0.0043	0.00026	ND		0.0046	0.00028	ND		0.0045	0.00028
1,1,2,2-Tetrachloroethane	79-34-5		ND		0.028	0.0094	ND		0.00054	0.00018	ND		0.00058	0.00019	ND		0.00056	0.00019
Benzene	71-43-2	0.06	ND		0.028	0.0094	ND		0.00054	0.00018	ND		0.00058	0.00019	ND		0.00056	0.00019
Toluene	108-88-3	0.7	ND		0.056	0.03	ND		0.0011	0.00058	0.0017		0.0012	0.00062	0.0019		0.0011	0.00061
Ethylbenzene	100-41-4	1	ND		0.056	0.0079	ND		0.0011	0.00015	ND		0.0012	0.00016	ND		0.0011	0.00016
Chloromethane	74-87-3		ND		0.22	0.052	ND		0.0043	0.001	ND		0.0046	0.0011	ND		0.0045	0.001
Bromomethane	74-83-9		ND		0.11	0.033	ND		0.0021	0.00062	ND		0.0023	0.00067	ND		0.0022	0.00066
Vinyl chloride	75-01-4	0.02	ND		0.056	0.019	ND		0.0011	0.00036	ND		0.0012	0.00038	ND		0.0011	0.00038
Chloroethane	75-00-3		ND		0.11	0.025	ND		0.0021	0.00048	ND		0.0023	0.00052	ND		0.0022	0.00051
1,1-Dichloroethene	75-35-4	0.33	ND		0.056	0.013	ND		0.0011	0.00026	ND		0.0012	0.00027	ND		0.0011	0.00027
trans-1,2-Dichloroethene	156-60-5	0.19	ND		0.084	0.0077	ND		0.0016	0.00015	ND		0.0017	0.00016	ND		0.0017	0.00015
Trichloroethene	79-01-6	0.47	0.0084	J	0.028	0.0077	ND		0.00054	0.00015	ND		0.00058	0.00016	ND		0.00056	0.00015
1,2-Dichlorobenzene	95-50-1	1.1	ND		0.11	0.0081	ND		0.0021	0.00015	ND		0.0023	0.00016	ND		0.0022	0.00016
1,3-Dichlorobenzene	541-73-1	2.4	ND		0.11	0.0083	ND		0.0021	0.00016	ND		0.0023	0.00017	ND		0.0022	0.00017
1,4-Dichlorobenzene	106-46-7	1.8	ND		0.11	0.0096	ND		0.0021	0.00018	ND		0.0023	0.0002	ND		0.0022	0.00019
Methyl tert butyl ether	1634-04-4	0.93	ND		0.11	0.011	ND		0.0021	0.00022	ND		0.0023	0.00023	ND		0.0022	0.00023
p/m-Xylene	179601-23-1		ND		0.11	0.032	ND		0.0021	0.0006	ND		0.0023	0.00064	ND		0.0022	0.00063
o-Xylene	95-47-6		ND		0.056	0.016	ND		0.0011	0.00031	ND		0.0012	0.00034	ND		0.0011	0.00033
Xylenes, Total	1330-20-7	0.26	ND		0.056	0.016	ND		0.0011	0.00031	ND		0.0012	0.00034	ND		0.0011	0.00033
cis-1,2-Dichloroethene	156-59-2	0.25	ND		0.056	0.0099	ND		0.0011	0.00019	ND		0.0012	0.0002	ND		0.0011	0.0002
1,2-Dichloroethene, Total	540-59-0		ND		0.056	0.0077	ND		0.0011	0.00015	ND		0.0012	0.00016	ND		0.0011	0.00015
Dibromomethane	74-95-3		ND		0.11	0.013	ND		0.0021	0.00026	ND		0.0023	0.00027	ND		0.0022	0.00027
Styrene	100-42-5		ND		0.056	0.011	ND		0.0011	0.00021	0.00032	J	0.0012	0.00022	0.00031	J	0.0011	0.00022
Dichlorodifluoromethane	75-71-8		ND		0.56	0.052	ND		0.011	0.00098	ND		0.012	0.001	ND		0.011	0.001
Acetone	67-64-1	0.05	ND		0.56	0.27	ND		0.011	0.0052	ND		0.012	0.0055	ND		0.011	0.0054
Carbon disulfide	75-15-0		ND		0.56	0.26	ND		0.011	0.0049	ND		0.012	0.0052	ND		0.011	0.0051
2-Butanone	78-93-3	0.12	ND		0.56	0.12	ND		0.011	0.0024	ND		0.012	0.0026	ND		0.011	0.0025
Vinyl acetate	108-05-4		ND		0.56	0.12	ND		0.011	0.0023	ND		0.012	0.0025	ND		0.011	0.0024
4-Methyl-2-pentanone	108-10-1		ND		0.56	0.072	ND		0.011	0.0014	ND		0.012	0.0015	ND		0.011	0.0014
1,2,3-Trichloropropane	96-18-4		ND		0.11	0.0072	ND		0.0021	0.00014	ND		0.0023	0.00015	ND		0.0022	0.00014
2-Hexanone	591-78-6		ND		0.56	0.066	ND		0.011	0.0013	ND		0.012	0.0014	ND		0.011	0.0013
Bromochloromethane	74-97-5		ND		0.11	0.012	ND		0.0021	0.00022	ND		0.0023	0.00024	ND		0.0022	0.00023
2,2-Dichloropropane	594-20-7		ND		0.11	0.011	ND		0.0021	0.00022	ND		0.0023	0.00023	ND		0.0022	0.00023

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	**RA-1 (5.5-6)**				**RA-2 (5-5.5)**				**RA-3 (4-4.5)**				**RA-4 (4-4.5)**			
		LAB ID:	**L2209850-07**				**L2209850-06**				**L2211760-05**				**L2211760-06**			
		COLLECTION DATE:	**2/24/2022**				**2/24/2022**				**3/7/2022**				**3/7/2022**			
		SAMPLE MATRIX:	**SOIL**				**SOIL**				**SOIL**				**SOIL**			
		NY-UNRES																
		(mg/kg)	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS BY EPA 5035																		
1,2-Dibromoethane	106-93-4		ND		0.056	0.016	ND		0.0011	0.0003	ND		0.0012	0.00032	ND		0.0011	0.00032
1,3-Dichloropropane	142-28-9		ND		0.11	0.0094	ND		0.0021	0.00018	ND		0.0023	0.00019	ND		0.0022	0.00019
1,1,1,2-Tetrachloroethane	630-20-6		ND		0.028	0.0074	ND		0.00054	0.00014	ND		0.00058	0.00015	ND		0.00056	0.00015
Bromobenzene	108-86-1		ND		0.11	0.0082	ND		0.0021	0.00016	ND		0.0023	0.00017	ND		0.0022	0.00016
n-Butylbenzene	104-51-8	12	ND		0.056	0.0094	ND		0.0011	0.00018	ND		0.0012	0.00019	ND		0.0011	0.00019
sec-Butylbenzene	135-98-8	11	ND		0.056	0.0082	ND		0.0011	0.00016	ND		0.0012	0.00017	ND		0.0011	0.00016
tert-Butylbenzene	98-06-6	5.9	ND		0.11	0.0066	ND		0.0021	0.00013	ND		0.0023	0.00014	ND		0.0022	0.00013
o-Chlorotoluene	95-49-8		ND		0.11	0.011	ND		0.0021	0.0002	ND		0.0023	0.00022	ND		0.0022	0.00022
p-Chlorotoluene	106-43-4		ND		0.11	0.0061	ND		0.0021	0.00012	ND		0.0023	0.00012	ND		0.0022	0.00012
1,2-Dibromo-3-chloropropane	96-12-8		ND		0.17	0.056	ND		0.0032	0.0011	ND		0.0034	0.0011	ND		0.0034	0.0011
Hexachlorobutadiene	87-68-3		ND		0.22	0.0095	ND		0.0043	0.00018	ND		0.0046	0.00019	ND		0.0045	0.00019
Isopropylbenzene	98-82-8		ND		0.056	0.0061	ND		0.0011	0.00012	ND		0.0012	0.00012	ND		0.0011	0.00012
p-Isopropyltoluene	99-87-6		ND		0.056	0.0061	ND		0.0011	0.00012	ND		0.0012	0.00012	ND		0.0011	0.00012
Naphthalene	91-20-3	12	0.038	J	0.22	0.037	ND		0.0043	0.0007	ND		0.0046	0.00075	ND		0.0045	0.00073
Acrylonitrile	107-13-1		ND		0.22	0.065	ND		0.0043	0.0012	ND		0.0046	0.0013	ND		0.0045	0.0013
n-Propylbenzene	103-65-1	3.9	0.0098	J	0.056	0.0096	ND		0.0011	0.00018	ND		0.0012	0.0002	ND		0.0011	0.00019
1,2,3-Trichlorobenzene	87-61-6		ND		0.11	0.018	ND		0.0021	0.00034	ND		0.0023	0.00037	ND		0.0022	0.00036
1,2,4-Trichlorobenzene	120-82-1		ND		0.11	0.015	ND		0.0021	0.00029	ND		0.0023	0.00031	ND		0.0022	0.00031
1,3,5-Trimethylbenzene	108-67-8	8.4	ND		0.11	0.011	ND		0.0021	0.00021	ND		0.0023	0.00022	ND		0.0022	0.00022
1,2,4-Trimethylbenzene	95-63-6	3.6	ND		0.11	0.019	ND		0.0021	0.00036	ND		0.0023	0.00038	ND		0.0022	0.00038
1,4-Dioxane	123-91-1	0.1	ND		4.5	2	ND		0.086	0.038	ND		0.092	0.04	ND		0.09	0.04
p-Diethylbenzene	105-05-5		ND		0.11	0.01	ND		0.0021	0.00019	ND		0.0023	0.0002	ND		0.0022	0.0002
p-Ethyltoluene	622-96-8		ND		0.11	0.022	ND		0.0021	0.00041	ND		0.0023	0.00044	ND		0.0022	0.00043
1,2,4,5-Tetramethylbenzene	95-93-2		0.016	J	0.11	0.011	ND		0.0021	0.0002	ND		0.0023	0.00022	ND		0.0022	0.00022
Ethyl ether	60-29-7		ND		0.11	0.019	ND		0.0021	0.00036	ND		0.0023	0.00039	ND		0.0022	0.00038
trans-1,4-Dichloro-2-butene	110-57-6		ND		0.28	0.08	ND		0.0054	0.0015	ND		0.0058	0.0016	ND		0.0056	0.0016
Total VOCs			0.0722	-	-	-	-	-	-	-	0.00202	-	-	-	0.00221	-	-	-
TOTAL METALS																		
Aluminum, Total	7429-90-5		4430		8.39	2.27	4680		8.26	2.23	2300		8.46	2.28	2200		7.94	2.14
Antimony, Total	7440-36-0		ND		4.2	0.319	ND		4.13	0.314	ND		4.23	0.321	ND		3.97	0.302
Arsenic, Total	7440-38-2	13	1.13		0.839	0.174	1.54		0.826	0.172	0.355	J	0.846	0.176	0.524	J	0.794	0.165
Barium, Total	7440-39-3	350	38.6		0.839	0.146	37.6		0.826	0.144	23.2		0.846	0.147	27		0.794	0.138
Beryllium, Total	7440-41-7	7.2	0.067	J	0.42	0.028	0.091	J	0.413	0.027	0.068	J	0.423	0.028	0.056	J	0.397	0.026
Cadmium, Total	7440-43-9	2.5	ND		0.839	0.082	ND		0.826	0.081	ND		0.846	0.083	ND		0.794	0.078
Calcium, Total	7440-70-2		10200		8.39	2.94	26200		8.26	2.89	11600		8.46	2.96	914		7.94	2.78
Chromium, Total	7440-47-3		7.84		0.839	0.081	9.6		0.826	0.079	5.92		0.846	0.081	5.6		0.794	0.076
Cobalt, Total	7440-48-4		4.82		1.68	0.139	4.82		1.65	0.137	2.71		1.69	0.14	3.95		1.59	0.132
Copper, Total	7440-50-8	50	10.4		0.839	0.216	16.4		0.826	0.213	6.47		0.846	0.218	6.1		0.794	0.205
Iron, Total	7439-89-6		8050		4.2	0.758	9860		4.13	0.746	5860		4.23	0.764	6150		3.97	0.717
Lead, Total	7439-92-1	63	24.2		4.2	0.225	23.3		4.13	0.221	3.16	J	4.23	0.227	2.6	J	3.97	0.213
Magnesium, Total	7439-95-4		6630		8.39	1.29	15100		8.26	1.27	7620		8.46	1.3	1390		7.94	1.22
Manganese, Total	7439-96-5	1600	137		0.839	0.133	148		0.826	0.131	72.1		0.846	0.134	152		0.794	0.126
Mercury, Total	7439-97-6	0.18	ND		0.067	0.044	0.058	J	0.066	0.043	ND		0.078	0.051	ND		0.075	0.049
Nickel, Total	7440-02-0	30	7.33		2.1	0.203	7.9		2.06	0.2	4.12		2.12	0.205	5.3		1.98	0.192
Potassium, Total	7440-09-7		1290		210	12.1	1190		206	11.9	658		212	12.2	785		198	11.4
Selenium, Total	7782-49-2	3.9	ND		1.68	0.216	0.264	J	1.65	0.213	ND		1.69	0.218	ND		1.59	0.205
Silver, Total	7440-22-4	2	ND		0.839	0.238	ND		0.826	0.234	ND		0.846	0.239	ND		0.794	0.225
Sodium, Total	7440-23-5		127	J	168	2.64	125	J	165	2.6	166	J	169	2.66	61.8	J	159	2.5

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		SAMPLE ID:	RA-1 (5.5-6)				RA-2 (5-5.5)				RA-3 (4-4.5)				RA-4 (4-4.5)			
		LAB ID:	L2209850-07				L2209850-06				L2211760-05				L2211760-06			
		COLLECTION DATE:	2/24/2022				2/24/2022				3/7/2022				3/7/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																
		(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																		
Thallium, Total	7440-28-0		ND		1.68	0.264	ND		1.65	0.26	ND		1.69	0.266	ND		1.59	0.25
Vanadium, Total	7440-62-2		10.6		0.839	0.17	11.7		0.826	0.168	7.8		0.846	0.172	8		0.794	0.161
Zinc, Total	7440-66-6	109	35.1		4.2	0.246	37.5		4.13	0.242	11.2		4.23	0.248	25.8		3.97	0.232
GENERAL CHEMISTRY																		
Solids, Total	NONE		94.7		0.1	NA	94.8		0.1	NA	92.2		0.1	NA	95.8		0.1	NA
Cyanide, Total	57-12-5	27	ND		1	0.22	ND		0.98	0.21	ND		1	0.21	ND		0.96	0.2

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Hope Fire Engine Company Site
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White Plains, New York

		LAB ID:	2021349-07				2021349-06				2030404-04				2030404-05			
		SAMPLE ID:	RA-1 (5.5-6')				RA-2 (5-5.5')				RA-3 (4-4.5)				RA-4 (4-4.5)			
		COLLECTION DATE:	02/24/2022 08:10				02/24/2022 08:00				03/07/2022 14:00				03/07/2022 14:10			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
		(mg/kg)																
Compound	**CAS#**																	
General Chemistry (%)			Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO
Percent Solids	PERSOL		**91.8**				**94**				**79.5**				**96.3**			
PCBs (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
Aroclor-1016	12674-11-2		0.00482	U	0.00482	0.036	0.00471	U	0.00471	0.0351	0.00557	U	0.00557	0.0415	0.00459	U	0.00459	0.0343
Aroclor-1221	11104-28-2		0.00949	U	0.00949	0.036	0.00926	U	0.00926	0.0351	0.0109	U	0.0109	0.0415	0.00904	U	0.00904	0.0343
Aroclor-1232	11141-16-5		0.0121	U	0.0121	0.036	0.0118	U	0.0118	0.0351	0.0139	U	0.0139	0.0415	0.0115	U	0.0115	0.0343
Aroclor-1242	53469-21-9		0.00707	U	0.00707	0.036	0.0069	U	0.0069	0.0351	0.00816	U	0.00816	0.0415	0.00673	U	0.00673	0.0343
Aroclor-1248	12672-29-6		0.00739	U	0.00739	0.036	0.00721	U	0.00721	0.0351	0.00853	U	0.00853	0.0415	0.00704	U	0.00704	0.0343
Aroclor-1254	11097-69-1		0.0058	U	0.0058	0.036	0.00566	U	0.00566	0.0351	0.0067	U	0.0067	0.0415	0.00553	U	0.00553	0.0343
Aroclor-1260	11096-82-5		0.0045	U	0.0045	0.036	0.00439	U	0.00439	0.0351	0.0052	U	0.0052	0.0415	0.00429	U	0.00429	0.0343
Aroclor-1262	37324-23-5		0.00968	U	0.00968	0.036	0.00944	U	0.00944	0.0351	0.0112	U	0.0112	0.0415	0.00922	U	0.00922	0.0343
Aroclor-1268	11100-14-4		0.00435	U	0.00435	0.036	0.00425	U	0.00425	0.0351	0.00502	U	0.00502	0.0415	0.00414	U	0.00414	0.0343
Total PCBs	1336-36-3	0.1	0.00336	U	0.00336	0.036	0.00328	U	0.00328	0.0351	0.00387	U	0.00387	0.0415	0.0032	U	0.0032	0.0343
Pesticides (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	72-54-8	0.0033	0.000648	U	0.000648	0.00142	0.000633	U	0.000633	0.00138	0.000748	U	0.000748	0.00163	0.000618	U	0.000618	0.00135
4,4'-DDE	72-55-9	0.0033	0.000775	U	0.000775	0.00142	0.000756	U	0.000756	0.00138	0.000894	U	0.000894	0.00163	0.000738	U	0.000738	0.00135
4,4'-DDT	50-29-3	0.0033	0.001	U	0.001	0.00142	0.000976	U	0.000976	0.00138	0.00115	U	0.00115	0.00163	0.000953	U	0.000953	0.00135
Aldrin	309-00-2	0.005	0.000671	U	0.000671	0.00142	0.000655	U	0.000655	0.00138	0.000775	U	0.000775	0.00163	0.000639	U	0.000639	0.00135
alpha-BHC	319-84-6	0.02	0.000422	U	0.000422	0.00142	0.000412	U	0.000412	0.00138	0.000487	U	0.000487	0.00163	0.000402	U	0.000402	0.00135
alpha-Chlordane (cis)	5103-71-9		**0.00197**		0.000903	0.00142	**0.00283**		0.000882	0.00138	0.00104	U	0.00104	0.00163	0.000861	U	0.000861	0.00135
beta-BHC	319-85-7	0.036	0.000677	U	0.000677	0.00142	0.00066	U	0.00066	0.00138	0.000781	U	0.000781	0.00163	0.000645	U	0.000645	0.00135
Chlordane	57-74-9		**0.00287**		0.00063	0.00142	**0.00626**		0.000615	0.00138	0.000727	U	0.000727	0.00163	0.0006	U	0.0006	0.00135
delta-BHC	319-86-8	0.04	0.000658	U	0.000658	0.00142	0.000642	U	0.000642	0.00138	0.00076	U	0.00076	0.00163	0.000627	U	0.000627	0.00135
Dieldrin	60-57-1	0.005	0.000741	U	0.000741	0.00142	0.000723	U	0.000723	0.00138	0.000855	U	0.000855	0.00163	0.000706	U	0.000706	0.00135
Endosulfan I	959-98-8	2.4	0.000669	U	0.000669	0.00142	0.000653	U	0.000653	0.00138	0.000772	U	0.000772	0.00163	0.000637	U	0.000637	0.00135
Endosulfan II	33213-65-9	2.4	0.000644	U	0.000644	0.00142	0.000629	U	0.000629	0.00138	0.000743	U	0.000743	0.00163	0.000614	U	0.000614	0.00135
Endosulfan sulfate	1031-07-8	2.4	0.000533	U	0.000533	0.00142	0.00052	U	0.00052	0.00138	0.000615	U	0.000615	0.00163	0.000508	U	0.000508	0.00135
Endosulfans, Total (alpha and beta)	115-29-7		0.000644	U	0.000644	0.00142	0.000629	U	0.000629	0.00138	0.000743	U	0.000743	0.00163	0.000614	U	0.000614	0.00135
Endrin	72-20-8	0.014	0.000489	U	0.000489	0.00142	0.000478	U	0.000478	0.00138	0.000565	U	0.000565	0.00163	0.000466	U	0.000466	0.00135
Endrin aldehyde	7421-93-4		0.000565	U	0.000565	0.00142	0.000551	U	0.000551	0.00138	0.000651	U	0.000651	0.00163	0.000538	U	0.000538	0.00135
Endrin ketone	53494-70-5		0.000499	U	0.000499	0.00142	0.000487	U	0.000487	0.00138	0.000576	U	0.000576	0.00163	0.000475	U	0.000475	0.00135
gamma-BHC (Lindane)	58-89-9	0.1	0.000449	U	0.000449	0.00142	0.000438	U	0.000438	0.00138	0.000518	U	0.000518	0.00163	0.000428	U	0.000428	0.00135
gamma-Chlordane	5566-34-7		**0.000901**	J	0.00063	0.00142	**0.00343**		0.000615	0.00138	0.000727	U	0.000727	0.00163	0.0006	U	0.0006	0.00135
Heptachlor	76-44-8	0.042	0.000379	U	0.000379	0.00142	0.00037	U	0.00037	0.00138	0.000438	U	0.000438	0.00163	0.000361	U	0.000361	0.00135
Heptachlor Epoxide	1024-57-3		0.000715	U	0.000715	0.00142	0.000698	U	0.000698	0.00138	0.000825	U	0.000825	0.00163	0.000681	U	0.000681	0.00135
Methoxychlor	72-43-5		0.000415	U	0.000415	0.00142	0.000405	U	0.000405	0.00138	0.000479	U	0.000479	0.00163	0.000396	U	0.000396	0.00135
Toxaphene	8001-35-2		0.0683	U	0.0683	0.0719	0.0666	U	0.0666	0.0702	0.0788	U	0.0788	0.083	0.065	U	0.065	0.0685
Semivolatile Organics - GC/MS (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
1,2,4,5-Tetrachlorobenzene	95-94-3		0.022	U	0.022	0.145	0.0215	U	0.0215	0.141	0.0254	U	0.0254	0.167	0.021	U	0.021	0.138
1,2,4-Trichlorobenzene	120-82-1		0.0149	U	0.0149	0.145	0.0146	U	0.0146	0.141	0.0172	U	0.0172	0.167	0.0142	U	0.0142	0.138
1,2-Dichlorobenzene	95-50-1	1.1	0.0271	U	0.0271	0.145	0.0265	U	0.0265	0.141	0.0313	U	0.0313	0.167	0.0258	U	0.0258	0.138
1,3-Dichlorobenzene	541-73-1	2.4	0.0187	U	0.0187	0.145	0.0183	U	0.0183	0.141	0.0216	U	0.0216	0.167	0.0179	U	0.0179	0.138
1,4-Dichlorobenzene	106-46-7	1.8	0.0184	U	0.0184	0.145	0.018	U	0.018	0.141	0.0213	U	0.0213	0.167	0.0175	U	0.0175	0.138
1,4-Dioxane	123-91-1	0.1	0.0041	U	0.0041	0.0363	0.004	U	0.004	0.0354	0.00473	U	0.00473	0.0419	0.0039	U	0.0039	0.0346
2,4,5-Trichlorophenol	95-95-4		0.0197	U	0.0197	0.145	0.0192	U	0.0192	0.141	0.0228	U	0.0228	0.167	0.0188	U	0.0188	0.138
2,4,6-Trichlorophenol	88-06-2		0.00908	U	0.00908	0.145	0.00886	U	0.00886	0.141	0.0105	U	0.0105	0.167	0.00865	U	0.00865	0.138
2,4-Dichlorophenol	120-83-2		0.0146	U	0.0146	0.145	0.0143	U	0.0143	0.141	0.0169	U	0.0169	0.167	0.0139	U	0.0139	0.138
2,4-Dimethylphenol	105-67-9		0.0143	U	0.0143	0.145	0.0139	U	0.0139	0.141	0.0165	U	0.0165	0.167	0.0136	U	0.0136	0.138
2,4-Dinitrophenol	51-28-5		0.0209	U	0.0209	0.727	0.0204	U	0.0204	0.709	0.0241	U	0.0241	0.839	0.0199	U	0.0199	0.692
2,4-Dinitrotoluene	121-14-2		0.0155	U	0.0155	0.145	0.0151	U	0.0151	0.141	0.0179	U	0.0179	0.167	0.0147	U	0.0147	0.138
2,6-Dinitrotoluene	606-20-2		0.0347	U	0.0347	0.145	0.0338	U	0.0338	0.141	0.04	U	0.04	0.167	0.033	U	0.033	0.138
2-Chloronaphthalene	91-58-7		0.0167	U	0.0167	0.145	0.0163	U	0.0163	0.141	0.0192	U	0.0192	0.167	0.0159	U	0.0159	0.138
2-Chlorophenol	95-57-8		0.0192	U	0.0192	0.145	0.0187	U	0.0187	0.141	0.0221	U	0.0221	0.167	0.0183	U	0.0183	0.138
2-Methylnaphthalene	91-57-6		0.0348	U	0.0348	0.218	0.0339	U	0.0339	0.213	0.0401	U	0.0401	0.252	0.0331	U	0.0331	0.208
2-Methylphenol	95-48-7	0.33	0.0287	U	0.0287	0.145	0.028	U	0.028	0.141	0.0331	U	0.0331	0.167	0.0273	U	0.0273	0.138
2-Nitroaniline	88-74-4		0.0117	U	0.0117	0.145	0.0114	U	0.0114	0.141	0.0135	U	0.0135	0.167	0.0111	U	0.0111	0.138
2-Nitrophenol	88-75-5		0.0161	U	0.0161	0.145	0.0157	U	0.0157	0.141	0.0186	U	0.0186	0.167	0.0154	U	0.0154	0.138
3,3'-Dichlorobenzidine	91-94-1		0.0153	U	0.0153	0.145	0.0149	U	0.0149	0.141	0.0176	U	0.0176	0.167	0.0145	U	0.0145	0.138
3+4-Methylphenol	65794-96-9	0.33	0.0266	U	0.0266	0.145	0.0259	U	0.0259	0.141	0.0307	U	0.0307	0.167	0.0253	U	0.0253	0.138

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	2021349-07				2021349-06				2030404-04				2030404-05			
		SAMPLE ID:	RA-1 (5.5-6')				RA-2 (5-5.5')				RA-3 (4-4.5)				RA-4 (4-4.5)			
		COLLECTION DATE:	02/24/2022 08:10				02/24/2022 08:00				03/07/2022 14:00				03/07/2022 14:10			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
Semivolatile Organics - GC/MS (mg/kg)																		
3-Nitroaniline	99-09-2		0.0269	U	0.0269	0.145	0.0263	U	0.0263	0.141	0.0311	U	0.0311	0.167	0.0256	U	0.0256	0.138
4,6-Dinitro-2-methylphenol	534-52-1		0.0274	U	0.0274	0.363	0.0267	U	0.0267	0.354	0.0316	U	0.0316	0.419	0.0261	U	0.0261	0.346
4-Bromophenyl-phenyl ether	101-55-3		0.0207	U	0.0207	0.145	0.0202	U	0.0202	0.141	0.0239	U	0.0239	0.167	0.0197	U	0.0197	0.138
4-Chloro-3-methylphenol	59-50-7		0.0229	U	0.0229	0.145	0.0223	U	0.0223	0.141	0.0264	U	0.0264	0.167	0.0218	U	0.0218	0.138
4-Chloroaniline	106-47-8		0.00508	U	0.00508	0.145	0.00496	U	0.00496	0.141	0.00586	U	0.00586	0.167	0.00484	U	0.00484	0.138
4-Chlorophenyl phenyl ether	7005-72-3		0.00784	U	0.00784	0.145	0.00765	U	0.00765	0.141	0.00904	U	0.00904	0.167	0.00746	U	0.00746	0.138
4-Nitroaniline	100-01-6		0.0726	U	0.0726	0.145	0.0708	U	0.0708	0.141	0.0838	U	0.0838	0.167	0.0691	U	0.0691	0.138
4-Nitrophenol	100-02-7		0.00929	U	0.00929	0.145	0.00906	U	0.00906	0.141	0.0107	U	0.0107	0.167	0.00884	U	0.00884	0.138
Acenaphthene	83-32-9	20	0.00827	U	0.00827	0.145	0.00807	U	0.00807	0.141	0.00955	U	0.00955	0.167	0.00788	U	0.00788	0.138
Acenaphthylene	208-96-8	100	**0.0272**	J	0.00505	0.145	**0.0404**	J	0.00492	0.141	0.00582	U	0.00582	0.167	0.00481	U	0.00481	0.138
Acetophenone	98-86-2		0.0144	U	0.0144	0.145	0.014	U	0.014	0.141	0.0166	U	0.0166	0.167	0.0137	U	0.0137	0.138
Anthracene	120-12-7	100	0.021	U	0.021	0.145	**0.0581**	J	0.0205	0.141	0.0243	U	0.0243	0.167	0.02	U	0.02	0.138
Benzo(a)anthracene	56-55-3	1	**0.114**	J	0.0146	0.145	**0.232**		0.0143	0.141	0.0169	U	0.0169	0.167	0.0139	U	0.0139	0.138
Benzo(a)pyrene	50-32-8	1	**0.125**	J	0.0253	0.145	**0.225**		0.0247	0.141	0.0292	U	0.0292	0.167	0.0241	U	0.0241	0.138
Benzo(b)fluoranthene	205-99-2	1	**0.171**		0.0204	0.145	**0.319**		0.0199	0.141	0.0235	U	0.0235	0.167	0.0194	U	0.0194	0.138
Benzo(g,h,i)perylene	191-24-2	100	**0.0993**	J	0.0118	0.145	**0.169**		0.0115	0.141	0.0136	U	0.0136	0.167	0.0112	U	0.0112	0.138
Benzo(k)fluoranthene	207-08-9	0.8	**0.0563**	J	0.0167	0.145	**0.128**	J	0.0163	0.141	0.0192	U	0.0192	0.167	0.0159	U	0.0159	0.138
Benzoic acid	65-85-0		0.168	U	0.168	0.363	0.164	U	0.164	0.354	0.194	U	0.194	0.419	0.16	U	0.16	0.346
Benzyl alcohol	100-51-6		0.0325	U	0.0325	0.145	0.0317	U	0.0317	0.141	0.0375	U	0.0375	0.167	0.0309	U	0.0309	0.138
Biphenyl	92-52-4		0.0128	U	0.0128	0.145	0.0124	U	0.0124	0.141	0.0147	U	0.0147	0.167	0.0121	U	0.0121	0.138
bis(2-chloroethoxy)methane	111-91-1		0.0201	U	0.0201	0.145	0.0196	U	0.0196	0.141	0.0231	U	0.0231	0.167	0.0191	U	0.0191	0.138
bis(2-chloroethyl)ether	111-44-4		0.0159	U	0.0159	0.145	0.0155	U	0.0155	0.141	0.0184	U	0.0184	0.167	0.0152	U	0.0152	0.138
bis(2-chloroisopropyl)ether	108-60-1		0.0522	U	0.0522	0.145	0.0509	U	0.0509	0.141	0.0602	U	0.0602	0.167	0.0497	U	0.0497	0.138
bis(2-ethylhexyl)phthalate	117-81-7		0.029	U	0.029	0.145	0.0283	U	0.0283	0.141	0.0335	U	0.0335	0.167	0.0276	U	0.0276	0.138
Butylbenzylphthalate	85-68-7		0.0132	U	0.0132	0.145	0.0129	U	0.0129	0.141	0.0152	U	0.0152	0.167	0.0126	U	0.0126	0.138
Carbazole	86-74-8		0.0279	U	0.0279	0.363	0.0272	U	0.0272	0.354	0.0322	U	0.0322	0.419	0.0266	U	0.0266	0.346
Chrysene	218-01-9	1	**0.113**	J	0.00994	0.145	**0.258**		0.0097	0.141	0.0115	U	0.0115	0.167	0.00947	U	0.00947	0.138
Dibenzo(a,h)anthracene	53-70-3	0.33	**0.0271**	J	0.0144	0.145	**0.0459**	J	0.014	0.141	0.0166	U	0.0166	0.167	0.0137	U	0.0137	0.138
Dibenzofuran	132-64-9	7	0.00864	U	0.00864	0.145	0.00843	U	0.00843	0.141	0.00997	U	0.00997	0.167	0.00823	U	0.00823	0.138
Diethylphthalate	84-66-2		0.0281	U	0.0281	0.145	0.0274	U	0.0274	0.141	0.0324	U	0.0324	0.167	0.0268	U	0.0268	0.138
Dimethylphthalate	131-11-3		0.009	U	0.009	0.145	0.00878	U	0.00878	0.141	0.0104	U	0.0104	0.167	0.00857	U	0.00857	0.138
Di-n-butylphthalate	84-74-2		0.0593	U	0.0593	0.145	0.0579	U	0.0579	0.141	0.0684	U	0.0684	0.167	0.0565	U	0.0565	0.138
Di-n-octylphthalate	117-84-0		0.0298	U	0.0298	0.145	0.029	U	0.029	0.141	0.0343	U	0.0343	0.167	0.0283	U	0.0283	0.138
Fluoranthene	206-44-0	100	**0.187**		0.0136	0.145	**0.461**		0.0133	0.141	0.0157	U	0.0157	0.167	0.013	U	0.013	0.138
Fluorene	86-73-7	30	0.0121	U	0.0121	0.145	0.0118	U	0.0118	0.141	0.014	U	0.014	0.167	0.0115	U	0.0115	0.138
Hexachlorobenzene	118-74-1	0.33	0.019	U	0.019	0.145	0.0185	U	0.0185	0.141	0.0219	U	0.0219	0.167	0.0181	U	0.0181	0.138
Hexachlorobutadiene	87-68-3		0.0696	U	0.0696	0.145	0.068	U	0.068	0.141	0.0804	U	0.0804	0.167	0.0663	U	0.0663	0.138
Hexachlorocyclopentadiene	77-47-4		0.0605	U	0.0605	0.363	0.059	U	0.059	0.354	0.0698	U	0.0698	0.419	0.0576	U	0.0576	0.346
Hexachloroethane	67-72-1		0.0159	U	0.0159	0.145	0.0155	U	0.0155	0.141	0.0184	U	0.0184	0.167	0.0152	U	0.0152	0.138
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	**0.0794**	J	0.0156	0.145	**0.137**	J	0.0152	0.141	0.018	U	0.018	0.167	0.0148	U	0.0148	0.138
Isophorone	78-59-1		0.0095	U	0.0095	0.145	0.00927	U	0.00927	0.141	0.011	U	0.011	0.167	0.00905	U	0.00905	0.138
Naphthalene	91-20-3	12	0.0107	U	0.0107	0.145	0.0105	U	0.0105	0.141	0.0124	U	0.0124	0.167	0.0102	U	0.0102	0.138
Nitrobenzene	98-95-3		0.0246	U	0.0246	0.145	0.024	U	0.024	0.141	0.0284	U	0.0284	0.167	0.0235	U	0.0235	0.138
n-Nitroso-di-n-propylamine	621-64-7		0.00777	U	0.00777	0.145	0.00758	U	0.00758	0.141	0.00897	U	0.00897	0.167	0.0074	U	0.0074	0.138
n-Nitrosodiphenylamine	86-30-6		0.031	U	0.031	0.145	0.0302	U	0.0302	0.141	0.0357	U	0.0357	0.167	0.0295	U	0.0295	0.138
Pentachlorophenol	87-86-5	0.8	0.0199	U	0.0199	0.363	0.0195	U	0.0195	0.354	0.023	U	0.023	0.419	0.019	U	0.019	0.346
Phenanthrene	85-01-8	100	**0.0748**	J	0.0191	0.145	**0.245**		0.0186	0.141	0.022	U	0.022	0.167	0.0182	U	0.0182	0.138
Phenol	108-95-2	0.33	0.0118	U	0.0118	0.145	0.0115	U	0.0115	0.141	0.0136	U	0.0136	0.167	0.0112	U	0.0112	0.138
Pyrene	129-00-0	100	**0.172**		0.0107	0.145	**0.387**		0.0104	0.141	0.0123	U	0.0123	0.167	0.0102	U	0.0102	0.138

Qualifiers:
U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-5 (4-4.5)				RA-7 (8-8.5)				RA-12 (5.5-6)				RA-12 (6.5-7)				DUP-20220728 - RA-12 (6.5-7)			
		LAB ID:	L2211760-07				L2212132-01				L2209850-08				2071363-01				2071363-03			
		COLLECTION DATE:	3/7/2022				3/8/2022				2/24/2022				7/28/2022				7/28/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																				
ANALYTE	CAS	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Result	Qualifier	MDL	RL
VOLATILE ORGANICS BY EPA 5035																						
Methylene chloride	75-09-2	0.05	ND		0.0063	0.0029	ND		0.0058	0.0027	ND		0.0063	0.0029								
1,1-Dichloroethane	75-34-3	0.27	ND		0.0012	0.00018	ND		0.0012	0.00017	ND		0.0012	0.00018								
Chloroform	67-66-3	0.37	ND		0.0019	0.00018	ND		0.0018	0.00016	ND		0.0019	0.00018								
Carbon tetrachloride	56-23-5	0.76	ND		0.0012	0.00029	ND		0.0012	0.00027	ND		0.0012	0.00029								
1,2-Dichloropropane	78-87-5		ND		0.0012	0.00016	ND		0.0012	0.00015	ND		0.0012	0.00016								
Dibromochloromethane	124-48-1		ND		0.0012	0.00018	ND		0.0012	0.00016	ND		0.0012	0.00018								
1,1,2-Trichloroethane	79-00-5		ND		0.0012	0.00034	ND		0.0012	0.00031	ND		0.0012	0.00034								
Tetrachloroethene	127-18-4	1.3	ND		0.00063	0.00025	ND		0.00058	0.00023	ND		0.00063	0.00025								
Chlorobenzene	108-90-7	1.1	ND		0.00063	0.00016	ND		0.00058	0.00015	ND		0.00063	0.00016								
Trichlorofluoromethane	75-69-4		ND		0.005	0.00088	ND		0.0047	0.00081	ND		0.005	0.00088								
1,2-Dichloroethane	107-06-2	0.02	ND		0.0012	0.00032	ND		0.0012	0.0003	ND		0.0012	0.00032								
1,1,1-Trichloroethane	71-55-6	0.68	ND		0.00063	0.00021	ND		0.00058	0.0002	ND		0.00063	0.00021								
Bromodichloromethane	75-27-4		ND		0.00063	0.00014	ND		0.00058	0.00013	ND		0.00063	0.00014								
trans-1,3-Dichloropropene	10061-02-6		ND		0.0012	0.00034	ND		0.0012	0.00032	ND		0.0012	0.00034								
cis-1,3-Dichloropropene	10061-01-5		ND		0.00063	0.0002	ND		0.00058	0.00018	ND		0.00063	0.0002								
1,3-Dichloropropene, Total	542-75-6		ND		0.00063	0.0002	ND		0.00058	0.00018	ND		0.00063	0.0002								
1,1-Dichloropropene	563-58-6		ND		0.00063	0.0002	ND		0.00058	0.00018	ND		0.00063	0.0002								
Bromoform	75-25-2		ND		0.005	0.00031	ND		0.0047	0.00029	ND		0.005	0.00031								
1,1,2,2-Tetrachloroethane	79-34-5		ND		0.00063	0.00021	ND		0.00058	0.00019	ND		0.00063	0.00021								
Benzene	71-43-2	0.06	ND		0.00063	0.00021	ND		0.00058	0.00019	ND		0.00063	0.00021								
Toluene	108-88-3	0.7	0.002		0.0012	0.00068	ND		0.0012	0.00063	ND		0.0012	0.00068								
Ethylbenzene	100-41-4	1	ND		0.0012	0.00018	ND		0.0012	0.00016	ND		0.0012	0.00018								
Chloromethane	74-87-3		ND		0.005	0.0012	ND		0.0047	0.0011	ND		0.005	0.0012								
Bromomethane	74-83-9		ND		0.0025	0.00073	ND		0.0023	0.00068	ND		0.0025	0.00073								
Vinyl chloride	75-01-4	0.02	ND		0.0012	0.00042	ND		0.0012	0.00039	ND		0.0012	0.00042								
Chloroethane	75-00-3		ND		0.0025	0.00057	ND		0.0023	0.00053	ND		0.0025	0.00057								
1,1-Dichloroethene	75-35-4	0.33	ND		0.0012	0.0003	ND		0.0012	0.00028	ND		0.0012	0.0003								
trans-1,2-Dichloroethene	156-60-5	0.19	ND		0.0019	0.00017	ND		0.0018	0.00016	ND		0.0019	0.00017								
Trichloroethene	79-01-6	0.47	ND		0.00063	0.00017	ND		0.00058	0.00016	ND		0.00063	0.00017								
1,2-Dichlorobenzene	95-50-1	1.1	ND		0.0025	0.00018	ND		0.0023	0.00017	ND		0.0025	0.00018								
1,3-Dichlorobenzene	541-73-1	2.4	ND		0.0025	0.00019	ND		0.0023	0.00017	ND		0.0025	0.00019								
1,4-Dichlorobenzene	106-46-7	1.8	ND		0.0025	0.00022	ND		0.0023	0.0002	ND		0.0025	0.00022								
Methyl tert butyl ether	1634-04-4	0.93	ND		0.0025	0.00025	ND		0.0023	0.00023	ND		0.0025	0.00025								
p/m-Xylene	179601-23-1		ND		0.0025	0.0007	ND		0.0023	0.00065	ND		0.0025	0.0007								
o-Xylene	95-47-6		ND		0.0012	0.00037	ND		0.0012	0.00034	ND		0.0012	0.00037								
Xylenes, Total	1330-20-7	0.26	ND		0.0012	0.00037	ND		0.0012	0.00034	ND		0.0012	0.00037								
cis-1,2-Dichloroethene	156-59-2	0.25	ND		0.0012	0.00022	ND		0.0012	0.0002	ND		0.0012	0.00022								
1,2-Dichloroethene, Total	540-59-0		ND		0.0012	0.00017	ND		0.0012	0.00016	ND		0.0012	0.00017								
Dibromomethane	74-95-3		ND		0.0025	0.0003	ND		0.0023	0.00028	ND		0.0025	0.0003								
Styrene	100-42-5		ND		0.0012	0.00025	0.00083	J	0.0012	0.00023	ND		0.0012	0.00025								
Dichlorodifluoromethane	75-71-8		ND		0.012	0.0012	ND		0.012	0.0011	ND		0.012	0.0012								
Acetone	67-64-1	0.05	ND		0.012	0.0061	0.0088	J	0.012	0.0056	ND		0.012	0.0061								
Carbon disulfide	75-15-0		ND		0.012	0.0057	ND		0.012	0.0053	ND		0.012	0.0057								
2-Butanone	78-93-3	0.12	ND		0.012	0.0028	ND		0.012	0.0026	ND		0.012	0.0028								
Vinyl acetate	108-05-4		ND		0.012	0.0027	ND		0.012	0.0025	ND		0.012	0.0027								
4-Methyl-2-pentanone	108-10-1		ND		0.012	0.0016	ND		0.012	0.0015	ND		0.012	0.0016								
1,2,3-Trichloropropane	96-18-4		ND		0.0025	0.00016	ND		0.0023	0.00015	ND		0.0025	0.00016								
2-Hexanone	591-78-6		ND		0.012	0.0015	ND		0.012	0.0014	ND		0.012	0.0015								
Bromochloromethane	74-97-5		ND		0.0025	0.00026	ND		0.0023	0.00024	ND		0.0025	0.00026								
2,2-Dichloropropane	594-20-7		ND		0.0025	0.00025	ND		0.0023	0.00024	ND		0.0025	0.00025								

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	**RA-5 (4-4.5)**				**RA-7 (8-8.5)**				**RA-12 (5.5-6)**				**RA-12 (6.5-7)**				**DUP-20220728 - RA-12 (6.5-7)**			
		LAB ID:	**L2211760-07**				**L2212132-01**				**L2209850-08**				**2071363-01**				**2071363-03**			
		COLLECTION DATE:	**3/7/2022**				**3/8/2022**				**2/24/2022**				**7/28/2022**				**7/28/2022**			
		SAMPLE MATRIX:	**SOIL**				**SOIL**				**SOIL**				**SOIL**				**SOIL**			
		NY-UNRES																				
		(mg/kg)	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	Result	Qualifier	MDL	RL
VOLATILE ORGANICS BY EPA 5035																						
1,2-Dibromoethane	106-93-4		ND		0.0012	0.00035	ND		0.0012	0.00033	ND		0.0012	0.00035								
1,3-Dichloropropane	142-28-9		ND		0.0025	0.00021	ND		0.0023	0.0002	ND		0.0025	0.00021								
1,1,1,2-Tetrachloroethane	630-20-6		ND		0.00063	0.00017	ND		0.00058	0.00015	ND		0.00063	0.00017								
Bromobenzene	108-86-1		ND		0.0025	0.00018	ND		0.0023	0.00017	ND		0.0025	0.00018								
n-Butylbenzene	104-51-8	12	ND		0.0012	0.00021	ND		0.0012	0.0002	ND		0.0012	0.00021								
sec-Butylbenzene	135-98-8	11	ND		0.0012	0.00018	ND		0.0012	0.00017	ND		0.0012	0.00018								
tert-Butylbenzene	98-06-6	5.9	ND		0.0025	0.00015	ND		0.0023	0.00014	ND		0.0025	0.00015								
o-Chlorotoluene	95-49-8		ND		0.0025	0.00024	ND		0.0023	0.00022	ND		0.0025	0.00024								
p-Chlorotoluene	106-43-4		ND		0.0025	0.00014	ND		0.0023	0.00013	ND		0.0025	0.00014								
1,2-Dibromo-3-chloropropane	96-12-8		ND		0.0038	0.0012	ND		0.0035	0.0012	ND		0.0038	0.0012								
Hexachlorobutadiene	87-68-3		ND		0.005	0.00021	ND		0.0047	0.0002	ND		0.005	0.00021								
Isopropylbenzene	98-82-8		ND		0.0012	0.00014	ND		0.0012	0.00013	ND		0.0012	0.00014								
p-Isopropyltoluene	99-87-6		ND		0.0012	0.00014	ND		0.0012	0.00013	ND		0.0012	0.00014								
Naphthalene	91-20-3	12	ND		0.005	0.00082	0.0026	J	0.0047	0.00076	ND		0.005	0.00082								
Acrylonitrile	107-13-1		ND		0.005	0.0014	ND		0.0047	0.0013	ND		0.005	0.0014								
n-Propylbenzene	103-65-1	3.9	ND		0.0012	0.00022	ND		0.0012	0.0002	ND		0.0012	0.00022								
1,2,3-Trichlorobenzene	87-61-6		ND		0.0025	0.0004	ND		0.0023	0.00038	ND		0.0025	0.0004								
1,2,4-Trichlorobenzene	120-82-1		ND		0.0025	0.00034	ND		0.0023	0.00032	ND		0.0025	0.00034								
1,3,5-Trimethylbenzene	108-67-8	8.4	ND		0.0025	0.00024	ND		0.0023	0.00022	ND		0.0025	0.00024								
1,2,4-Trimethylbenzene	95-63-6	3.6	ND		0.0025	0.00042	ND		0.0023	0.00039	ND		0.0025	0.00042								
1,4-Dioxane	123-91-1	0.1	ND		0.1	0.044	ND		0.093	0.041	ND		0.1	0.044								
p-Diethylbenzene	105-05-5		ND		0.0025	0.00022	ND		0.0023	0.00021	ND		0.0025	0.00022								
p-Ethyltoluene	622-96-8		ND		0.0025	0.00048	ND		0.0023	0.00045	ND		0.0025	0.00048								
1,2,4,5-Tetramethylbenzene	95-93-2		ND		0.0025	0.00024	ND		0.0023	0.00022	ND		0.0025	0.00024								
Ethyl ether	60-29-7		ND		0.0025	0.00043	ND		0.0023	0.0004	ND		0.0025	0.00043								
trans-1,4-Dichloro-2-butene	110-57-6		ND		0.0063	0.0018	ND		0.0058	0.0016	ND		0.0063	0.0018								
Total VOCs			0.002	-	-	-	0.01223	-	-	-	-	-	-	-								
TOTAL METALS																						
Aluminum, Total	7429-90-5		2130		7.87	2.12	5190		7.93	2.14	5300		8.68	2.34								
Antimony, Total	7440-36-0		ND		3.93	0.299	ND		3.96	0.301	ND		4.34	0.33								
Arsenic, Total	7440-38-2	13	1.34		0.787	0.164	1.13		0.793	0.165	2.4		0.868	0.18								
Barium, Total	7440-39-3	350	20.1		0.787	0.137	39.3		0.793	0.138	39.3		0.868	0.151								
Beryllium, Total	7440-41-7	7.2	0.087	J	0.393	0.026	0.127	J	0.396	0.026	0.104	J	0.434	0.029								
Cadmium, Total	7440-43-9	2.5	ND		0.787	0.077	0.262	J	0.793	0.078	ND		0.868	0.085								
Calcium, Total	7440-70-2		21500		7.87	2.75	30100		7.93	2.78	17100		8.68	3.04								
Chromium, Total	7440-47-3		6.1		0.787	0.076	9.13		0.793	0.076	9.78		0.868	0.083								
Cobalt, Total	7440-48-4		2.7		1.57	0.131	4.91		1.59	0.132	4.61		1.74	0.144								
Copper, Total	7440-50-8	50	7.4		0.787	0.203	14.1		0.793	0.205	18.4		0.868	0.224								
Iron, Total	7439-89-6		7520		3.93	0.711	9930		3.96	0.716	9520		4.34	0.784								
Lead, Total	7439-92-1	63	2.9	J	3.93	0.211	21.2		3.96	0.212	41.2		4.34	0.232								
Magnesium, Total	7439-95-4		14200		7.87	1.21	17700		7.93	1.22	10600		8.68	1.34								
Manganese, Total	7439-96-5	1600	98.8		0.787	0.125	202		0.793	0.126	155		0.868	0.138								
Mercury, Total	7439-97-6	0.18	ND		0.068	0.044	ND		0.079	0.051	0.084		0.077	0.05								
Nickel, Total	7440-02-0	30	6.16		1.97	0.19	7.54		1.98	0.192	8.09		2.17	0.21								
Potassium, Total	7440-09-7		687		197	11.3	1160		198	11.4	1060		217	12.5								
Selenium, Total	7782-49-2	3.9	ND		1.57	0.203	ND		1.59	0.205	0.425	J	1.74	0.224								
Silver, Total	7440-22-4	2	ND		0.787	0.223	ND		0.793	0.224	ND		0.868	0.246								
Sodium, Total	7440-23-5		320		157	2.48	562		159	2.5	93.6	J	174	2.73								

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-5 (4-4.5)				RA-7 (8-8.5)				RA-12 (5.5-6)				RA-12 (6.5-7)				DUP-20220728 - RA-12 (6.5-7)			
		LAB ID:	L2211760-07				L2212132-01				L2209850-08				2071363-01				2071363-03			
		COLLECTION DATE:	3/7/2022				3/8/2022				2/24/2022				7/28/2022				7/28/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																				
		(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Result	Qualifier	MDL	RL
TOTAL METALS																						
Thallium, Total	7440-28-0		ND		1.57	0.248	ND		1.59	0.25	ND		1.74	0.273								
Vanadium, Total	7440-62-2		9.01		0.787	0.16	11.2		0.793	0.161	12.5		0.868	0.176								
Zinc, Total	7440-66-6	109	14.1		3.93	0.23	32.7		3.96	0.232	45.1		4.34	0.254								
GENERAL CHEMISTRY																						
Solids, Total	NONE		95.4		0.1	NA	95.3		0.1	NA	90.6		0.1	NA								
Cyanide, Total	57-12-5	27	ND		1	0.22	ND		1	0.21	ND		1.1	0.23								

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 -
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Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	**2030404-06**				**2030493-01**				**2021349-08**												
		SAMPLE ID:	**RA-5 (4-4.5)**				**RA-7 (8-8.5)**				**RA-12 (5.5-6')**												
		COLLECTION DATE:	**03/07/2022 14:20**				**03/08/2022 08:45**				**02/24/2022 08:15**												
		SAMPLE MATRIX:	**Soil**				**Soil**				**Soil**												
		NY-UNRES																					
		(mg/kg)																					
Compound	**CAS#**																						
General Chemistry (%)			Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO									
Percent Solids	PERSOL		**89.4**				**95.7**				**90.5**												
PCBs (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL									
Aroclor-1016	12674-11-2		0.00495	U	0.00495	0.0369	0.00463	U	0.00463	0.0345	0.00489	U	0.00489	0.0364									
Aroclor-1221	11104-28-2		0.00973	U	0.00973	0.0369	0.0091	U	0.0091	0.0345	0.00961	U	0.00961	0.0364									
Aroclor-1232	11141-16-5		0.0124	U	0.0124	0.0369	0.0116	U	0.0116	0.0345	0.0122	U	0.0122	0.0364									
Aroclor-1242	53469-21-9		0.00725	U	0.00725	0.0369	0.00678	U	0.00678	0.0345	0.00716	U	0.00716	0.0364									
Aroclor-1248	12672-29-6		0.00758	U	0.00758	0.0369	0.00709	U	0.00709	0.0345	0.00749	U	0.00749	0.0364									
Aroclor-1254	11097-69-1		0.00596	U	0.00596	0.0369	0.00557	U	0.00557	0.0345	0.00588	U	0.00588	0.0364									
Aroclor-1260	11096-82-5		0.00462	U	0.00462	0.0369	0.00432	U	0.00432	0.0345	0.00456	U	0.00456	0.0364									
Aroclor-1262	37324-23-5		0.00993	U	0.00993	0.0369	0.00928	U	0.00928	0.0345	0.00981	U	0.00981	0.0364									
Aroclor-1268	11100-14-4		0.00446	U	0.00446	0.0369	0.00417	U	0.00417	0.0345	0.00441	U	0.00441	0.0364									
Total PCBs	1336-36-3	0.1	0.00345	U	0.00345	0.0369	0.00322	U	0.00322	0.0345	0.0034	U	0.0034	0.0364									
Pesticides (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	
4,4'-DDD	72-54-8	0.0033	0.000665	U	0.000665	0.00145	0.000622	U	0.000622	0.00136	**0.00386**		0.000657	0.00144	0.000622	U	0.000622	0.00136	0.00063	U	0.00063	0.00138	
4,4'-DDE	72-55-9	0.0033	0.000795	U	0.000795	0.00145	0.000743	U	0.000743	0.00136	**0.00518**		0.000785	0.00144	0.000743	U	0.000743	0.00136	0.000753	U	0.000753	0.00138	
4,4'-DDT	50-29-3	0.0033	0.00103	U	0.00103	0.00145	**0.00176**		0.000959	0.00136	**0.00588**		0.00101	0.00144	0.000959	U	0.000959	0.00136	0.000972	U	0.000972	0.00138	
Aldrin	309-00-2	0.005	0.000689	U	0.000689	0.00145	0.000644	U	0.000644	0.00136	0.00068	U	0.00068	0.00144									
alpha-BHC	319-84-6	0.02	0.000433	U	0.000433	0.00145	0.000404	U	0.000404	0.00136	0.000427	U	0.000427	0.00144									
alpha-Chlordane (cis)	5103-71-9		0.000927	U	0.000927	0.00145	0.000866	U	0.000866	0.00136	**0.00625**		0.000916	0.00144									
beta-BHC	319-85-7	0.036	0.000694	U	0.000694	0.00145	0.000649	U	0.000649	0.00136	0.000686	U	0.000686	0.00144									
Chlordane	57-74-9		0.000646	U	0.000646	0.00145	0.000604	U	0.000604	0.00136	**0.00833**		0.000638	0.00144									
delta-BHC	319-86-8	0.04	0.000675	U	0.000675	0.00145	0.000631	U	0.000631	0.00136	0.000667	U	0.000667	0.00144									
Dieldrin	60-57-1	0.005	0.00076	U	0.00076	0.00145	0.000711	U	0.000711	0.00136	0.000751	U	0.000751	0.00144									
Endosulfan I	959-98-8	2.4	0.000687	U	0.000687	0.00145	0.000642	U	0.000642	0.00136	0.000678	U	0.000678	0.00144									
Endosulfan II	33213-65-9	2.4	0.000661	U	0.000661	0.00145	0.000618	U	0.000618	0.00136	0.000653	U	0.000653	0.00144									
Endosulfan sulfate	1031-07-8	2.4	0.000547	U	0.000547	0.00145	0.000511	U	0.000511	0.00136	0.00054	U	0.00054	0.00144									
Endosulfans, Total (alpha and beta)	115-29-7		0.000661	U	0.000661	0.00145	0.000618	U	0.000618	0.00136	0.000653	U	0.000653	0.00144									
Endrin	72-20-8	0.014	0.000502	U	0.000502	0.00145	0.000469	U	0.000469	0.00136	0.000496	U	0.000496	0.00144									
Endrin aldehyde	7421-93-4		0.000579	U	0.000579	0.00145	0.000541	U	0.000541	0.00136	0.000572	U	0.000572	0.00144									
Endrin ketone	53494-70-5		0.000512	U	0.000512	0.00145	0.000479	U	0.000479	0.00136	0.000506	U	0.000506	0.00144									
gamma-BHC (Lindane)	58-89-9	0.1	0.000461	U	0.000461	0.00145	0.000431	U	0.000431	0.00136	0.000455	U	0.000455	0.00144									
gamma-Chlordane	5566-34-7		0.000646	U	0.000646	0.00145	0.000604	U	0.000604	0.00136	**0.00208**		0.000638	0.00144									
Heptachlor	76-44-8	0.042	0.000389	U	0.000389	0.00145	0.000364	U	0.000364	0.00136	0.000384	U	0.000384	0.00144									
Heptachlor Epoxide	1024-57-3		0.000734	U	0.000734	0.00145	0.000686	U	0.000686	0.00136	0.000724	U	0.000724	0.00144									
Methoxychlor	72-43-5		0.000426	U	0.000426	0.00145	0.000398	U	0.000398	0.00136	0.000421	U	0.000421	0.00144									
Toxaphene	8001-35-2		0.07	U	0.07	0.0738	0.0655	U	0.0655	0.069	0.0692	U	0.0692	0.0729									
Semivolatile Organics - GC/MS (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL									
1,2,4,5-Tetrachlorobenzene	95-94-3		0.0226	U	0.0226	0.149	0.0211	U	0.0211	0.139	0.0223	U	0.0223	0.147									
1,2,4-Trichlorobenzene	120-82-1		0.0153	U	0.0153	0.149	0.0143	U	0.0143	0.139	0.0151	U	0.0151	0.147									
1,2-Dichlorobenzene	95-50-1	1.1	0.0278	U	0.0278	0.149	0.026	U	0.026	0.139	0.0275	U	0.0275	0.147									
1,3-Dichlorobenzene	541-73-1	2.4	0.0192	U	0.0192	0.149	0.018	U	0.018	0.139	0.019	U	0.019	0.147									
1,4-Dichlorobenzene	106-46-7	1.8	0.0189	U	0.0189	0.149	0.0177	U	0.0177	0.139	0.0187	U	0.0187	0.147									
1,4-Dioxane	123-91-1	0.1	0.0042	U	0.0042	0.0372	0.00393	U	0.00393	0.0348	0.00415	U	0.00415	0.0368									
2,4,5-Trichlorophenol	95-95-4		0.0202	U	0.0202	0.149	0.0189	U	0.0189	0.139	0.02	U	0.02	0.147									
2,4,6-Trichlorophenol	88-06-2		0.00931	U	0.00931	0.149	0.00871	U	0.00871	0.139	0.0092	U	0.0092	0.147									
2,4-Dichlorophenol	120-83-2		0.015	U	0.015	0.149	0.014	U	0.014	0.139	0.0148	U	0.0148	0.147									
2,4-Dimethylphenol	105-67-9		0.0146	U	0.0146	0.149	0.0137	U	0.0137	0.139	0.0145	U	0.0145	0.147									
2,4-Dinitrophenol	51-28-5		0.0215	U	0.0215	0.746	0.0201	U	0.0201	0.697	0.0212	U	0.0212	0.737									
2,4-Dinitrotoluene	121-14-2		0.0159	U	0.0159	0.149	0.0148	U	0.0148	0.139	0.0157	U	0.0157	0.147									
2,6-Dinitrotoluene	606-20-2		0.0356	U	0.0356	0.149	0.0332	U	0.0332	0.139	0.0351	U	0.0351	0.147									
2-Chloronaphthalene	91-58-7		0.0171	U	0.0171	0.149	0.016	U	0.016	0.139	0.0169	U	0.0169	0.147									
2-Chlorophenol	95-57-8		0.0197	U	0.0197	0.149	0.0184	U	0.0184	0.139	0.0194	U	0.0194	0.147									
2-Methylnaphthalene	91-57-6		0.0357	U	0.0357	0.224	0.0333	U	0.0333	0.209	0.0352	U	0.0352	0.221									
2-Methylphenol	95-48-7	0.33	0.0294	U	0.0294	0.149	0.0275	U	0.0275	0.139	0.029	U	0.029	0.147									
2-Nitroaniline	88-74-4		0.012	U	0.012	0.149	0.0112	U	0.0112	0.139	0.0118	U	0.0118	0.147									
2-Nitrophenol	88-75-5		0.0165	U	0.0165	0.149	0.0155	U	0.0155	0.139	0.0163	U	0.0163	0.147									
3,3'-Dichlorobenzidine	91-94-1		0.0157	U	0.0157	0.149	0.0146	U	0.0146	0.139	0.0155	U	0.0155	0.147									
3+4-Methylphenol	65794-96-9	0.33	0.0273	U	0.0273	0.149	0.0255	U	0.0255	0.139	0.0269	U	0.0269	0.147									

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	2030404-06				2030493-01				2021349-08											
		SAMPLE ID:	RA-5 (4-4.5)				RA-7 (8-8.5)				RA-12 (5.5-6')											
		COLLECTION DATE:	03/07/2022 14:20				03/08/2022 08:45				02/24/2022 08:15											
		SAMPLE MATRIX:	Soil				Soil				Soil											
		NY-UNRES																				
Semivolatile Organics - GC/MS (mg/kg)																						
3-Nitroaniline	99-09-2		0.0276	U	0.0276	0.149	0.0258	U	0.0258	0.139	0.0273	U	0.0273	0.147								
4,6-Dinitro-2-methylphenol	534-52-1		0.0281	U	0.0281	0.372	0.0262	U	0.0262	0.348	0.0277	U	0.0277	0.368								
4-Bromophenyl-phenyl ether	101-55-3		0.0212	U	0.0212	0.149	0.0199	U	0.0199	0.139	0.021	U	0.021	0.147								
4-Chloro-3-methylphenol	59-50-7		0.0235	U	0.0235	0.149	0.0219	U	0.0219	0.139	0.0232	U	0.0232	0.147								
4-Chloroaniline	106-47-8		0.00521	U	0.00521	0.149	0.00487	U	0.00487	0.139	0.00515	U	0.00515	0.147								
4-Chlorophenyl phenyl ether	7005-72-3		0.00804	U	0.00804	0.149	0.00751	U	0.00751	0.139	0.00794	U	0.00794	0.147								
4-Nitroaniline	100-01-6		0.0745	U	0.0745	0.149	0.0696	U	0.0696	0.139	0.0736	U	0.0736	0.147								
4-Nitrophenol	100-02-7		0.00953	U	0.00953	0.149	0.0089	U	0.0089	0.139	0.00941	U	0.00941	0.147								
Acenaphthene	83-32-9	20	0.00849	U	0.00849	0.149	0.00793	U	0.00793	0.139	0.00838	U	0.00838	0.147								
Acenaphthylene	208-96-8	100	0.00518	U	0.00518	0.149	0.00484	U	0.00484	0.139	**0.0286**	J	0.00511	0.147								
Acetophenone	98-86-2		0.0148	U	0.0148	0.149	0.0138	U	0.0138	0.139	0.0146	U	0.0146	0.147								
Anthracene	120-12-7	100	0.0216	U	0.0216	0.149	0.0202	U	0.0202	0.139	**0.0765**	J	0.0213	0.147								
Benzo(a)anthracene	56-55-3	1	0.015	U	0.015	0.149	**0.0389**	J	0.014	0.139	**0.268**		0.0148	0.147								
Benzo(a)pyrene	50-32-8	1	0.0259	U	0.0259	0.149	**0.0436**	J	0.0242	0.139	**0.248**		0.0256	0.147								
Benzo(b)fluoranthene	205-99-2	1	0.0209	U	0.0209	0.149	**0.0577**	J	0.0195	0.139	**0.353**		0.0207	0.147								
Benzo(g,h,i)perylene	191-24-2	100	0.0121	U	0.0121	0.149	**0.0384**	J	0.0113	0.139	**0.184**		0.0119	0.147								
Benzo(k)fluoranthene	207-08-9	0.8	0.0171	U	0.0171	0.149	**0.0268**	J	0.016	0.139	**0.143**	J	0.0169	0.147								
Benzoic acid	65-85-0		0.173	U	0.173	0.372	0.161	U	0.161	0.348	0.17	U	0.17	0.368								
Benzyl alcohol	100-51-6		0.0333	U	0.0333	0.149	0.0311	U	0.0311	0.139	0.0329	U	0.0329	0.147								
Biphenyl	92-52-4		0.0131	U	0.0131	0.149	0.0122	U	0.0122	0.139	0.0129	U	0.0129	0.147								
bis(2-chloroethoxy)methane	111-91-1		0.0206	U	0.0206	0.149	0.0192	U	0.0192	0.139	0.0203	U	0.0203	0.147								
bis(2-chloroethyl)ether	111-44-4		0.0163	U	0.0163	0.149	0.0153	U	0.0153	0.139	0.0161	U	0.0161	0.147								
bis(2-chloroisopropyl)ether	108-60-1		0.0536	U	0.0536	0.149	0.0501	U	0.0501	0.139	0.0529	U	0.0529	0.147								
bis(2-ethylhexyl)phthalate	117-81-7		0.0297	U	0.0297	0.149	0.0278	U	0.0278	0.139	0.0294	U	0.0294	0.147								
Butylbenzylphthalate	85-68-7		0.0135	U	0.0135	0.149	0.0126	U	0.0126	0.139	0.0134	U	0.0134	0.147								
Carbazole	86-74-8		0.0286	U	0.0286	0.372	0.0268	U	0.0268	0.348	0.0283	U	0.0283	0.368								
Chrysene	218-01-9	1	0.0102	U	0.0102	0.149	**0.044**	J	0.00953	0.139	**0.289**		0.0101	0.147								
Dibenzo(a,h)anthracene	53-70-3	0.33	0.0148	U	0.0148	0.149	0.0138	U	0.0138	0.139	**0.0456**	J	0.0146	0.147								
Dibenzofuran	132-64-9	7	0.00887	U	0.00887	0.149	0.00829	U	0.00829	0.139	0.00876	U	0.00876	0.147								
Diethylphthalate	84-66-2		0.0288	U	0.0288	0.149	0.027	U	0.027	0.139	0.0285	U	0.0285	0.147								
Dimethylphthalate	131-11-3		0.00924	U	0.00924	0.149	0.00863	U	0.00863	0.139	0.00912	U	0.00912	0.147								
Di-n-butylphthalate	84-74-2		0.0608	U	0.0608	0.149	0.0569	U	0.0569	0.139	0.0601	U	0.0601	0.147								
Di-n-octylphthalate	117-84-0		0.0305	U	0.0305	0.149	0.0285	U	0.0285	0.139	0.0301	U	0.0301	0.147								
Fluoranthene	206-44-0	100	0.014	U	0.014	0.149	**0.0495**	J	0.0131	0.139	**0.524**		0.0138	0.147								
Fluorene	86-73-7	30	0.0124	U	0.0124	0.149	0.0116	U	0.0116	0.139	0.0123	U	0.0123	0.147								
Hexachlorobenzene	118-74-1	0.33	0.0195	U	0.0195	0.149	0.0182	U	0.0182	0.139	0.0192	U	0.0192	0.147								
Hexachlorobutadiene	87-68-3		0.0715	U	0.0715	0.149	0.0668	U	0.0668	0.139	0.0706	U	0.0706	0.147								
Hexachlorocyclopentadiene	77-47-4		0.0621	U	0.0621	0.372	0.058	U	0.058	0.348	0.0613	U	0.0613	0.368								
Hexachloroethane	67-72-1		0.0163	U	0.0163	0.149	0.0153	U	0.0153	0.139	0.0161	U	0.0161	0.147								
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.016	U	0.016	0.149	**0.0304**	J	0.0149	0.139	**0.157**		0.0158	0.147								
Isophorone	78-59-1		0.00975	U	0.00975	0.149	0.00911	U	0.00911	0.139	0.00963	U	0.00963	0.147								
Naphthalene	91-20-3	12	0.011	U	0.011	0.149	0.0103	U	0.0103	0.139	0.0109	U	0.0109	0.147								
Nitrobenzene	98-95-3		0.0253	U	0.0253	0.149	0.0236	U	0.0236	0.139	0.025	U	0.025	0.147								
n-Nitroso-di-n-propylamine	621-64-7		0.00797	U	0.00797	0.149	0.00745	U	0.00745	0.139	0.00787	U	0.00787	0.147								
n-Nitrosodiphenylamine	86-30-6		0.0318	U	0.0318	0.149	0.0297	U	0.0297	0.139	0.0314	U	0.0314	0.147								
Pentachlorophenol	87-86-5	0.8	0.0205	U	0.0205	0.372	0.0191	U	0.0191	0.348	0.0202	U	0.0202	0.368								
Phenanthrene	85-01-8	100	0.0196	U	0.0196	0.149	0.0183	U	0.0183	0.139	**0.298**		0.0193	0.147								
Phenol	108-95-2	0.33	0.0121	U	0.0121	0.149	0.0113	U	0.0113	0.139	0.0119	U	0.0119	0.147								
Pyrene	129-00-0	100	0.0109	U	0.0109	0.149	**0.0527**	J	0.0102	0.139	**0.396**		0.0108	0.147								

Qualifiers:
U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-13 (5-5.5')				RA-14 (4-4.5)				RA-15 (4-4.5)				DUP-20220303 - RA-15(4.5-5)				RA-16 (4-4.5)			
		LAB ID:	L2209850-01				L2211334-05				L2211334-06				L2211334-09				L2211334-07			
		COLLECTION DATE:	2/23/2022				3/3/2022				3/3/2022				3/3/2022				3/3/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																				
ANALYTE	CAS	(mg/kg)	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	ND		0.0055	0.0025	ND		0.0066	0.003	ND		0.0058	0.0027	ND		0.0062	0.0028	ND		0.0064	0.0029
1,1-Dichloroethane	75-34-3	0.27	ND		0.0011	0.00016	ND		0.0013	0.00019	ND		0.0012	0.00017	ND		0.0012	0.00018	ND		0.0013	0.00018
Chloroform	67-66-3	0.37	ND		0.0016	0.00015	ND		0.002	0.00018	ND		0.0018	0.00016	ND		0.0019	0.00017	ND		0.0019	0.00018
Carbon tetrachloride	56-23-5	0.76	ND		0.0011	0.00025	ND		0.0013	0.0003	ND		0.0012	0.00027	ND		0.0012	0.00029	ND		0.0013	0.00029
1,2-Dichloropropane	78-87-5		ND		0.0011	0.00014	ND		0.0013	0.00016	ND		0.0012	0.00015	ND		0.0012	0.00016	ND		0.0013	0.00016
Dibromochloromethane	124-48-1		ND		0.0011	0.00015	ND		0.0013	0.00018	ND		0.0012	0.00016	ND		0.0012	0.00017	ND		0.0013	0.00018
1,1,2-Trichloroethane	79-00-5		ND		0.0011	0.00029	ND		0.0013	0.00035	ND		0.0012	0.00031	ND		0.0012	0.00033	ND		0.0013	0.00034
Tetrachloroethene	127-18-4	1.3	ND		0.00055	0.00021	ND		0.00066	0.00026	ND		0.00058	0.00023	ND		0.00062	0.00024	ND		0.00064	0.00025
Chlorobenzene	108-90-7	1.1	ND		0.00055	0.00014	ND		0.00066	0.00017	ND		0.00058	0.00015	ND		0.00062	0.00016	ND		0.00064	0.00016
Trichlorofluoromethane	75-69-4		ND		0.0044	0.00076	ND		0.0053	0.00092	ND		0.0047	0.00081	ND		0.005	0.00087	ND		0.0051	0.00089
1,2-Dichloroethane	107-06-2	0.02	ND		0.0011	0.00028	ND		0.0013	0.00034	ND		0.0012	0.0003	ND		0.0012	0.00032	ND		0.0013	0.00033
1,1,1-Trichloroethane	71-55-6	0.68	ND		0.00055	0.00018	ND		0.00066	0.00022	ND		0.00058	0.0002	ND		0.00062	0.00021	ND		0.00064	0.00021
Bromodichloromethane	75-27-4		ND		0.00055	0.00012	ND		0.00066	0.00014	ND		0.00058	0.00013	ND		0.00062	0.00014	ND		0.00064	0.00014
trans-1,3-Dichloropropene	10061-02-6		ND		0.0011	0.0003	ND		0.0013	0.00036	ND		0.0012	0.00032	ND		0.0012	0.00034	ND		0.0013	0.00035
cis-1,3-Dichloropropene	10061-01-5		ND		0.00055	0.00017	ND		0.00066	0.00021	ND		0.00058	0.00018	ND		0.00062	0.0002	ND		0.00064	0.0002
1,3-Dichloropropene, Total	542-75-6		ND		0.00055	0.00017	ND		0.00066	0.00021	ND		0.00058	0.00018	ND		0.00062	0.0002	ND		0.00064	0.0002
1,1-Dichloropropene	563-58-6		ND		0.00055	0.00017	ND		0.00066	0.00021	ND		0.00058	0.00018	ND		0.00062	0.0002	ND		0.00064	0.0002
Bromoform	75-25-2		ND		0.0044	0.00027	ND		0.0053	0.00032	ND		0.0047	0.00029	ND		0.005	0.00031	ND		0.0051	0.00031
1,1,2,2-Tetrachloroethane	79-34-5		ND		0.00055	0.00018	ND		0.00066	0.00022	ND		0.00058	0.00019	ND		0.00062	0.00021	ND		0.00064	0.00021
Benzene	71-43-2	0.06	ND		0.00055	0.00018	ND		0.00066	0.00022	ND		0.00058	0.00019	ND		0.00062	0.00021	ND		0.00064	0.00021
Toluene	108-88-3	0.7	ND		0.0011	0.00059	0.0012	J	0.0013	0.00072	0.00088	J	0.0012	0.00063	0.0011	J	0.0012	0.00068	0.001	J	0.0013	0.00069
Ethylbenzene	100-41-4	1	ND		0.0011	0.00015	ND		0.0013	0.00019	ND		0.0012	0.00016	ND		0.0012	0.00018	ND		0.0013	0.00018
Chloromethane	74-87-3		ND		0.0044	0.001	ND		0.0053	0.0012	ND		0.0047	0.0011	ND		0.005	0.0012	ND		0.0051	0.0012
Bromomethane	74-83-9		ND		0.0022	0.00064	ND		0.0026	0.00077	ND		0.0023	0.00068	ND		0.0025	0.00072	ND		0.0026	0.00074
Vinyl chloride	75-01-4	0.02	ND		0.0011	0.00037	ND		0.0013	0.00044	ND		0.0012	0.00039	ND		0.0012	0.00042	ND		0.0013	0.00043
Chloroethane	75-00-3		ND		0.0022	0.00049	ND		0.0026	0.0006	ND		0.0023	0.00053	ND		0.0025	0.00056	ND		0.0026	0.00058
1,1-Dichloroethene	75-35-4	0.33	ND		0.0011	0.00026	ND		0.0013	0.00031	ND		0.0012	0.00028	ND		0.0012	0.0003	ND		0.0013	0.0003
trans-1,2-Dichloroethene	156-60-5	0.19	ND		0.0016	0.00015	ND		0.002	0.00018	ND		0.0018	0.00016	ND		0.0019	0.00017	ND		0.0019	0.00018
Trichloroethene	79-01-6	0.47	ND		0.00055	0.00015	ND		0.00066	0.00018	ND		0.00058	0.00016	ND		0.00062	0.00017	ND		0.00064	0.00018
1,2-Dichlorobenzene	95-50-1	1.1	ND		0.0022	0.00016	ND		0.0026	0.00019	ND		0.0023	0.00017	ND		0.0025	0.00018	ND		0.0026	0.00018
1,3-Dichlorobenzene	541-73-1	2.4	ND		0.0022	0.00016	ND		0.0026	0.0002	ND		0.0023	0.00017	ND		0.0025	0.00018	ND		0.0026	0.00019
1,4-Dichlorobenzene	106-46-7	1.8	ND		0.0022	0.00019	ND		0.0026	0.00022	ND		0.0023	0.0002	ND		0.0025	0.00021	ND		0.0026	0.00022
Methyl tert butyl ether	1634-04-4	0.93	ND		0.0022	0.00022	ND		0.0026	0.00026	ND		0.0023	0.00023	ND		0.0025	0.00025	ND		0.0026	0.00026
p/m-Xylene	179601-23-1		ND		0.0022	0.00061	ND		0.0026	0.00074	ND		0.0023	0.00065	ND		0.0025	0.0007	ND		0.0026	0.00072
o-Xylene	95-47-6		ND		0.0011	0.00032	ND		0.0013	0.00038	ND		0.0012	0.00034	ND		0.0012	0.00036	ND		0.0013	0.00037
Xylenes, Total	1330-20-7	0.26	ND		0.0011	0.00032	ND		0.0013	0.00038	ND		0.0012	0.00034	ND		0.0012	0.00036	ND		0.0013	0.00037
cis-1,2-Dichloroethene	156-59-2	0.25	ND		0.0011	0.00019	ND		0.0013	0.00023	ND		0.0012	0.0002	ND		0.0012	0.00022	ND		0.0013	0.00022
1,2-Dichloroethene, Total	540-59-0		ND		0.0011	0.00015	ND		0.0013	0.00018	ND		0.0012	0.00016	ND		0.0012	0.00017	ND		0.0013	0.00018
Dibromomethane	74-95-3		ND		0.0022	0.00026	ND		0.0026	0.00031	ND		0.0023	0.00028	ND		0.0025	0.0003	ND		0.0026	0.0003
Styrene	100-42-5		ND		0.0011	0.00021	0.0003	J	0.0013	0.00026	0.00029	J	0.0012	0.00023	0.00034	J	0.0012	0.00024	0.0003	J	0.0013	0.00025
Dichlorodifluoromethane	75-71-8		ND		0.011	0.001	ND		0.013	0.0012	ND		0.012	0.0011	ND		0.012	0.0011	ND		0.013	0.0012
Acetone	67-64-1	0.05	ND		0.011	0.0053	ND		0.013	0.0064	ND		0.012	0.0056	ND		0.012	0.006	0.0064	J	0.013	0.0061
Carbon disulfide	75-15-0		ND		0.011	0.005	ND		0.013	0.006	ND		0.012	0.0053	ND		0.012	0.0057	ND		0.013	0.0058
2-Butanone	78-93-3	0.12	ND		0.011	0.0024	ND		0.013	0.0029	ND		0.012	0.0026	ND		0.012	0.0028	ND		0.013	0.0028
Vinyl acetate	108-05-4		ND		0.011	0.0024	ND		0.013	0.0028	ND		0.012	0.0025	ND		0.012	0.0027	ND		0.013	0.0027
4-Methyl-2-pentanone	108-10-1		ND		0.011	0.0014	ND		0.013	0.0017	ND		0.012	0.0015	ND		0.012	0.0016	ND		0.013	0.0016
1,2,3-Trichloropropane	96-18-4		ND		0.0022	0.00014	ND		0.0026	0.00017	ND		0.0023	0.00015	ND		0.0025	0.00016	ND		0.0026	0.00016
2-Hexanone	591-78-6		ND		0.011	0.0013	ND		0.013	0.0016	ND		0.012	0.0014	ND		0.012	0.0015	ND		0.013	0.0015
Bromochloromethane	74-97-5		ND		0.0022	0.00022	ND		0.0026	0.00027	ND		0.0023	0.00024	ND		0.0025	0.00026	ND		0.0026	0.00026
2,2-Dichloropropane	594-20-7		ND		0.0022	0.00022	ND		0.0026	0.00027	ND		0.0023	0.00024	ND		0.0025	0.00025	ND		0.0026	0.00026

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	**RA-13 (5-5.5')**				**RA-14 (4-4.5)**				**RA-15 (4-4.5)**				**DUP-20220303 - RA-15(4.5-5)**				**RA-16 (4-4.5)**			
		LAB ID:	**L2209850-01**				**L2211334-05**				**L2211334-06**				**L2211334-09**				**L2211334-07**			
		COLLECTION DATE:	**2/23/2022**				**3/3/2022**				**3/3/2022**				**3/3/2022**				**3/3/2022**			
		SAMPLE MATRIX:	**SOIL**				**SOIL**				**SOIL**				**SOIL**				**SOIL**			
		NY-UNRES																				
		(mg/kg)	**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																						
1,2-Dibromoethane	106-93-4		ND		0.0011	0.0003	ND		0.0013	0.00037	ND		0.0012	0.00033	ND		0.0012	0.00035	ND		0.0013	0.00036
1,3-Dichloropropane	142-28-9		ND		0.0022	0.00018	ND		0.0026	0.00022	ND		0.0023	0.0002	ND		0.0025	0.00021	ND		0.0026	0.00021
1,1,1,2-Tetrachloroethane	630-20-6		ND		0.00055	0.00014	ND		0.00066	0.00017	ND		0.00058	0.00015	ND		0.00062	0.00016	ND		0.00064	0.00017
Bromobenzene	108-86-1		ND		0.0022	0.00016	ND		0.0026	0.00019	ND		0.0023	0.00017	ND		0.0025	0.00018	ND		0.0026	0.00018
n-Butylbenzene	104-51-8	12	ND		0.0011	0.00018	ND		0.0013	0.00022	ND		0.0012	0.0002	ND		0.0012	0.00021	ND		0.0013	0.00021
sec-Butylbenzene	135-98-8	11	ND		0.0011	0.00016	ND		0.0013	0.00019	ND		0.0012	0.00017	ND		0.0012	0.00018	ND		0.0013	0.00019
tert-Butylbenzene	98-06-6	5.9	ND		0.0022	0.00013	ND		0.0026	0.00016	ND		0.0023	0.00014	ND		0.0025	0.00015	ND		0.0026	0.00015
o-Chlorotoluene	95-49-8		ND		0.0022	0.00021	ND		0.0026	0.00025	ND		0.0023	0.00022	ND		0.0025	0.00024	ND		0.0026	0.00024
p-Chlorotoluene	106-43-4		ND		0.0022	0.00012	ND		0.0026	0.00014	ND		0.0023	0.00013	ND		0.0025	0.00013	ND		0.0026	0.00014
1,2-Dibromo-3-chloropropane	96-12-8		ND		0.0033	0.0011	ND		0.004	0.0013	ND		0.0035	0.0012	ND		0.0037	0.0012	ND		0.0038	0.0013
Hexachlorobutadiene	87-68-3		ND		0.0044	0.00018	ND		0.0053	0.00022	ND		0.0047	0.0002	ND		0.005	0.00021	ND		0.0051	0.00022
Isopropylbenzene	98-82-8		ND		0.0011	0.00012	ND		0.0013	0.00014	ND		0.0012	0.00013	ND		0.0012	0.00014	ND		0.0013	0.00014
p-Isopropyltoluene	99-87-6		ND		0.0011	0.00012	ND		0.0013	0.00014	ND		0.0012	0.00013	ND		0.0012	0.00014	ND		0.0013	0.00014
Naphthalene	91-20-3	12	ND		0.0044	0.00071	ND		0.0053	0.00086	ND		0.0047	0.00076	ND		0.005	0.00081	ND		0.0051	0.00083
Acrylonitrile	107-13-1		ND		0.0044	0.0012	ND		0.0053	0.0015	ND		0.0047	0.0013	ND		0.005	0.0014	ND		0.0051	0.0015
n-Propylbenzene	103-65-1	3.9	ND		0.0011	0.00019	ND		0.0013	0.00022	ND		0.0012	0.0002	ND		0.0012	0.00021	ND		0.0013	0.00022
1,2,3-Trichlorobenzene	87-61-6		ND		0.0022	0.00035	ND		0.0026	0.00042	ND		0.0023	0.00038	ND		0.0025	0.0004	ND		0.0026	0.00041
1,2,4-Trichlorobenzene	120-82-1		ND		0.0022	0.0003	ND		0.0026	0.00036	ND		0.0023	0.00032	ND		0.0025	0.00034	ND		0.0026	0.00035
1,3,5-Trimethylbenzene	108-67-8	8.4	ND		0.0022	0.00021	ND		0.0026	0.00025	ND		0.0023	0.00022	ND		0.0025	0.00024	ND		0.0026	0.00025
1,2,4-Trimethylbenzene	95-63-6	3.6	ND		0.0022	0.00036	ND		0.0026	0.00044	ND		0.0023	0.00039	ND		0.0025	0.00042	ND		0.0026	0.00043
1,4-Dioxane	123-91-1	0.1	ND		0.088	0.038	ND		0.1	0.046	ND		0.093	0.041	ND		0.1	0.044	ND		0.1	0.045
p-Diethylbenzene	105-05-5		ND		0.0022	0.00019	ND		0.0026	0.00023	ND		0.0023	0.00021	ND		0.0025	0.00022	ND		0.0026	0.00023
p-Ethyltoluene	622-96-8		ND		0.0022	0.00042	ND		0.0026	0.00051	ND		0.0023	0.00045	ND		0.0025	0.00048	ND		0.0026	0.00049
1,2,4,5-Tetramethylbenzene	95-93-2		ND		0.0022	0.00021	ND		0.0026	0.00025	ND		0.0023	0.00022	ND		0.0025	0.00024	ND		0.0026	0.00024
Ethyl ether	60-29-7		ND		0.0022	0.00037	ND		0.0026	0.00045	ND		0.0023	0.0004	ND		0.0025	0.00042	ND		0.0026	0.00044
trans-1,4-Dichloro-2-butene	110-57-6		ND		0.0055	0.0016	ND		0.0066	0.0019	ND		0.0058	0.0016	ND		0.0062	0.0018	ND		0.0064	0.0018
Total VOCs			-	-	-	-	0.0015	-	-	-	0.00117	-	-	-	0.00144	-	-	-	0.0077	-	-	-
TOTAL METALS																						
Aluminum, Total	7429-90-5		4080		9.22	2.49	3430		8.25	2.23	7360		7.92	2.14	2340		8.19	2.21	3140		8.11	2.19
Antimony, Total	7440-36-0		ND		4.61	0.35	ND		4.12	0.313	ND		3.96	0.301	ND		4.09	0.311	ND		4.06	0.308
Arsenic, Total	7440-38-2	13	3.1		0.922	0.192	0.882		0.825	0.172	1.03		0.792	0.165	0.655	J	0.819	0.17	0.479	J	0.811	0.169
Barium, Total	7440-39-3	350	32.7		0.922	0.16	24.3		0.825	0.144	33.5		0.792	0.138	26.6		0.819	0.142	34.6		0.811	0.141
Beryllium, Total	7440-41-7	7.2	0.101	J	0.461	0.03	0.05	J	0.412	0.027	0.166	J	0.396	0.026	ND		0.409	0.027	ND		0.406	0.027
Cadmium, Total	7440-43-9	2.5	ND		0.922	0.09	0.157	J	0.825	0.081	0.143	J	0.792	0.078	0.156	J	0.819	0.08	0.105	J	0.811	0.08
Calcium, Total	7440-70-2		10200		9.22	3.23	29000		8.25	2.89	20400		7.92	2.77	29000		8.19	2.86	20200		8.11	2.84
Chromium, Total	7440-47-3		8.87		0.922	0.089	6.69		0.825	0.079	12.2		0.792	0.076	8.61		0.819	0.079	5.45		0.811	0.078
Cobalt, Total	7440-48-4		3.77		1.84	0.153	4.57		1.65	0.137	5.65		1.58	0.132	6.07		1.64	0.136	3.17		1.62	0.135
Copper, Total	7440-50-8	50	16.3		0.922	0.238	13.9		0.825	0.213	21.6		0.792	0.204	10.7		0.819	0.211	7.16		0.811	0.209
Iron, Total	7439-89-6		8120		4.61	0.832	8440		4.12	0.745	8850		3.96	0.715	8420		4.09	0.739	5890		4.06	0.732
Lead, Total	7439-92-1	63	36.1		4.61	0.247	3.68	J	4.12	0.221	2.13	J	3.96	0.212	2.24	J	4.09	0.219	1.86	J	4.06	0.217
Magnesium, Total	7439-95-4		6180		9.22	1.42	15300		8.25	1.27	14000		7.92	1.22	10700		8.19	1.26	9270		8.11	1.25
Manganese, Total	7439-96-5	1600	120		0.922	0.146	118		0.825	0.131	85.5		0.792	0.126	109		0.819	0.13	91		0.811	0.129
Mercury, Total	7439-97-6	0.18	0.079	J	0.086	0.056	ND		0.07	0.045	ND		0.072	0.047	ND		0.069	0.045	ND		0.068	0.044
Nickel, Total	7440-02-0	30	7.57		2.3	0.223	5.82		2.06	0.2	6.85		1.98	0.192	5.71		2.05	0.198	4.78		2.03	0.196
Potassium, Total	7440-09-7		829		230	13.3	850		206	11.9	936		198	11.4	780		205	11.8	1340		203	11.7
Selenium, Total	7782-49-2	3.9	0.442	J	1.84	0.238	ND		1.65	0.213	ND		1.58	0.204	ND		1.64	0.211	ND		1.62	0.209
Silver, Total	7440-22-4	2	ND		0.922	0.261	ND		0.825	0.233	ND		0.792	0.224	ND		0.819	0.232	ND		0.811	0.23
Sodium, Total	7440-23-5		73.2	J	184	2.9	37	J	165	2.6	100	J	158	2.5	27.1	J	164	2.58	53.1	J	162	2.56

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-13 (5-5.5')				RA-14 (4-4.5)				RA-15 (4-4.5)				DUP-20220303 - RA-15(4.5-5)				RA-16 (4-4.5)			
		LAB ID:	L2209850-01				L2211334-05				L2211334-06				L2211334-09				L2211334-07			
		COLLECTION DATE:	2/23/2022				3/3/2022				3/3/2022				3/3/2022				3/3/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																				
		(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																						
Thallium, Total	7440-28-0		ND		1.84	0.29	ND		1.65	0.26	ND		1.58	0.25	ND		1.64	0.258	ND		1.62	0.256
Vanadium, Total	7440-62-2		11.5		0.922	0.187	9.16		0.825	0.167	15.8		0.792	0.161	9.64		0.819	0.166	9.77		0.811	0.165
Zinc, Total	7440-66-6	109	51.7		4.61	0.27	17.3		4.12	0.242	17.8		3.96	0.232	13		4.09	0.24	15		4.06	0.238
GENERAL CHEMISTRY																						
Solids, Total	NONE		83.5		0.1	NA	96.3		0.1	NA	96.8		0.1	NA	96.1		0.1	NA	97.6		0.1	NA
Cyanide, Total	57-12-5	27	ND		1.1	0.24	ND		0.99	0.21	ND		1	0.21	ND		0.95	0.2	ND		0.97	0.2

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	2021349-01																			
		SAMPLE ID:	RA-13 (5-5.5')				2030270-03				2030270-04				2030270-07				2030270-05			
		COLLECTION DATE:	02/23/2022 16:05				RA-14 (4-4.5)				RA-15 (4-4.5)				DUP-20220303				RA-16 (4-4.5)			
		SAMPLE MATRIX:	Soil				03/03/2022 13:00				03/03/2022 13:10				03/03/2022 00:00				03/03/2022 13:20			
		NY-UNRES					Soil				Soil				Soil				Soil			
		(mg/kg)																				
Compound	**CAS#**																					
General Chemistry (%)			Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO
Percent Solids	PERSOL		**89.8**				**97.1**				**96.7**				**97.2**				**96.7**			
PCBs (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
Aroclor-1016	12674-11-2		0.00493	U	0.00493	0.0367	0.00456	U	0.00456	0.034	0.00458	U	0.00458	0.0341	0.00455	U	0.00455	0.0339	0.00458	U	0.00458	0.0341
Aroclor-1221	11104-28-2		0.00969	U	0.00969	0.0367	0.00896	U	0.00896	0.034	0.009	U	0.009	0.0341	0.00895	U	0.00895	0.0339	0.009	U	0.009	0.0341
Aroclor-1232	11141-16-5		0.0123	U	0.0123	0.0367	0.0114	U	0.0114	0.034	0.0115	U	0.0115	0.0341	0.0114	U	0.0114	0.0339	0.0115	U	0.0115	0.0341
Aroclor-1242	53469-21-9		0.00722	U	0.00722	0.0367	0.00668	U	0.00668	0.034	0.00671	U	0.00671	0.0341	0.00667	U	0.00667	0.0339	0.00671	U	0.00671	0.0341
Aroclor-1248	12672-29-6		0.00755	U	0.00755	0.0367	0.00699	U	0.00699	0.034	0.00701	U	0.00701	0.0341	0.00698	U	0.00698	0.0339	0.00701	U	0.00701	0.0341
Aroclor-1254	11097-69-1		0.00593	U	0.00593	0.0367	0.00548	U	0.00548	0.034	0.00551	U	0.00551	0.0341	0.00548	U	0.00548	0.0339	0.00551	U	0.00551	0.0341
Aroclor-1260	11096-82-5		0.0046	U	0.0046	0.0367	0.00426	U	0.00426	0.034	0.00427	U	0.00427	0.0341	0.00425	U	0.00425	0.0339	0.00427	U	0.00427	0.0341
Aroclor-1262	37324-23-5		0.00989	U	0.00989	0.0367	0.00914	U	0.00914	0.034	0.00918	U	0.00918	0.0341	0.00913	U	0.00913	0.0339	0.00918	U	0.00918	0.0341
Aroclor-1268	11100-14-4		0.00444	U	0.00444	0.0367	0.00411	U	0.00411	0.034	0.00413	U	0.00413	0.0341	0.00411	U	0.00411	0.0339	0.00413	U	0.00413	0.0341
Total PCBs	1336-36-3	0.1	0.00343	U	0.00343	0.0367	0.00317	U	0.00317	0.034	0.00319	U	0.00319	0.0341	0.00317	U	0.00317	0.0339	0.00319	U	0.00319	0.0341
Pesticides (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	72-54-8	0.0033	0.000662	U	0.000662	0.00145	0.000613	U	0.000613	0.00134	0.000615	U	0.000615	0.00134	0.000612	U	0.000612	0.00134	0.000615	U	0.000615	0.00134
4,4'-DDE	72-55-9	0.0033	0.000792	U	0.000792	0.00145	0.000732	U	0.000732	0.00134	0.000735	U	0.000735	0.00134	0.000731	U	0.000731	0.00134	0.000735	U	0.000735	0.00134
4,4'-DDT	50-29-3	0.0033	0.00102	U	0.00102	0.00145	0.000945	U	0.000945	0.00134	0.000949	U	0.000949	0.00134	0.000944	U	0.000944	0.00134	0.000949	U	0.000949	0.00134
Aldrin	309-00-2	0.005	0.000686	U	0.000686	0.00145	0.000634	U	0.000634	0.00134	0.000637	U	0.000637	0.00134	0.000633	U	0.000633	0.00134	0.000637	U	0.000637	0.00134
alpha-BHC	319-84-6	0.02	0.000431	U	0.000431	0.00145	0.000399	U	0.000399	0.00134	0.0004	U	0.0004	0.00134	0.000398	U	0.000398	0.00134	0.0004	U	0.0004	0.00134
alpha-Chlordane (cis)	5103-71-9		0.000923	U	0.000923	0.00145	0.000854	U	0.000854	0.00134	0.000857	U	0.000857	0.00134	0.000853	U	0.000853	0.00134	0.000857	U	0.000857	0.00134
beta-BHC	319-85-7	0.036	0.000691	U	0.000691	0.00145	0.00064	U	0.00064	0.00134	0.000642	U	0.000642	0.00134	0.000639	U	0.000639	0.00134	0.000642	U	0.000642	0.00134
Chlordane	57-74-9		0.000644	U	0.000644	0.00145	0.000595	U	0.000595	0.00134	0.000598	U	0.000598	0.00134	0.000594	U	0.000594	0.00134	0.000598	U	0.000598	0.00134
delta-BHC	319-86-8	0.04	0.000673	U	0.000673	0.00145	0.000622	U	0.000622	0.00134	0.000625	U	0.000625	0.00134	0.000621	U	0.000621	0.00134	0.000625	U	0.000625	0.00134
Dieldrin	60-57-1	0.005	0.000757	U	0.000757	0.00145	0.0007	U	0.0007	0.00134	0.000703	U	0.000703	0.00134	0.000699	U	0.000699	0.00134	0.000703	U	0.000703	0.00134
Endosulfan I	959-98-8	2.4	0.000684	U	0.000684	0.00145	0.000632	U	0.000632	0.00134	0.000635	U	0.000635	0.00134	0.000631	U	0.000631	0.00134	0.000635	U	0.000635	0.00134
Endosulfan II	33213-65-9	2.4	0.000658	U	0.000658	0.00145	0.000609	U	0.000609	0.00134	0.000611	U	0.000611	0.00134	0.000608	U	0.000608	0.00134	0.000611	U	0.000611	0.00134
Endosulfan sulfate	1031-07-8	2.4	0.000544	U	0.000544	0.00145	0.000504	U	0.000504	0.00134	0.000506	U	0.000506	0.00134	0.000503	U	0.000503	0.00134	0.000506	U	0.000506	0.00134
Endosulfans, Total (alpha and beta)	115-29-7		0.000658	U	0.000658	0.00145	0.000609	U	0.000609	0.00134	0.000611	U	0.000611	0.00134	0.000608	U	0.000608	0.00134	0.000611	U	0.000611	0.00134
Endrin	72-20-8	0.014	0.0005	U	0.0005	0.00145	0.000462	U	0.000462	0.00134	0.000464	U	0.000464	0.00134	0.000462	U	0.000462	0.00134	0.000464	U	0.000464	0.00134
Endrin aldehyde	7421-93-4		0.000577	U	0.000577	0.00145	0.000533	U	0.000533	0.00134	0.000536	U	0.000536	0.00134	0.000533	U	0.000533	0.00134	0.000536	U	0.000536	0.00134
Endrin ketone	53494-70-5		0.00051	U	0.00051	0.00145	0.000472	U	0.000472	0.00134	0.000474	U	0.000474	0.00134	0.000471	U	0.000471	0.00134	0.000474	U	0.000474	0.00134
gamma-BHC (Lindane)	58-89-9	0.1	0.000459	U	0.000459	0.00145	0.000424	U	0.000424	0.00134	0.000426	U	0.000426	0.00134	0.000424	U	0.000424	0.00134	0.000426	U	0.000426	0.00134
gamma-Chlordane	5566-34-7		0.000644	U	0.000644	0.00145	0.000595	U	0.000595	0.00134	0.000598	U	0.000598	0.00134	0.000594	U	0.000594	0.00134	0.000598	U	0.000598	0.00134
Heptachlor	76-44-8	0.042	0.000387	U	0.000387	0.00145	0.000358	U	0.000358	0.00134	0.00036	U	0.00036	0.00134	0.000358	U	0.000358	0.00134	0.00036	U	0.00036	0.00134
Heptachlor Epoxide	1024-57-3		0.00073	U	0.00073	0.00145	0.000676	U	0.000676	0.00134	0.000678	U	0.000678	0.00134	0.000675	U	0.000675	0.00134	0.000678	U	0.000678	0.00134
Methoxychlor	72-43-5		0.000424	U	0.000424	0.00145	0.000392	U	0.000392	0.00134	0.000394	U	0.000394	0.00134	0.000392	U	0.000392	0.00134	0.000394	U	0.000394	0.00134
Toxaphene	8001-35-2		0.0697	U	0.0697	0.0735	0.0645	U	0.0645	0.068	0.0648	U	0.0648	0.0683	0.0644	U	0.0644	0.0679	0.0648	U	0.0648	0.0682
Semivolatile Organics - GC/MS (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
1,2,4,5-Tetrachlorobenzene	95-94-3		0.0225	U	0.0225	0.148	0.0208	U	0.0208	0.137	0.0209	U	0.0209	0.138	0.0208	U	0.0208	0.137	0.0209	U	0.0209	0.138
1,2,4-Trichlorobenzene	120-82-1		0.0153	U	0.0153	0.148	0.0141	U	0.0141	0.137	0.0142	U	0.0142	0.138	0.0141	U	0.0141	0.137	0.0142	U	0.0142	0.138
1,2-Dichlorobenzene	95-50-1	1.1	0.0277	U	0.0277	0.148	0.0256	U	0.0256	0.137	0.0258	U	0.0258	0.138	0.0256	U	0.0256	0.137	0.0257	U	0.0257	0.138
1,3-Dichlorobenzene	541-73-1	2.4	0.0192	U	0.0192	0.148	0.0177	U	0.0177	0.137	0.0178	U	0.0178	0.138	0.0177	U	0.0177	0.137	0.0178	U	0.0178	0.138
1,4-Dichlorobenzene	106-46-7	1.8	0.0188	U	0.0188	0.148	0.0174	U	0.0174	0.137	0.0175	U	0.0175	0.138	0.0174	U	0.0174	0.137	0.0175	U	0.0175	0.138
1,4-Dioxane	123-91-1	0.1	0.00419	U	0.00419	0.0371	0.00387	U	0.00387	0.0343	0.00389	U	0.00389	0.0344	0.00387	U	0.00387	0.0342	0.00389	U	0.00389	0.0344
2,4,5-Trichlorophenol	95-95-4		0.0202	U	0.0202	0.148	0.0186	U	0.0186	0.137	0.0187	U	0.0187	0.138	0.0186	U	0.0186	0.137	0.0187	U	0.0187	0.138
2,4,6-Trichlorophenol	88-06-2		0.00927	U	0.00927	0.148	0.00858	U	0.00858	0.137	0.00861	U	0.00861	0.138	0.00857	U	0.00857	0.137	0.00861	U	0.00861	0.138
2,4-Dichlorophenol	120-83-2		0.0149	U	0.0149	0.148	0.0138	U	0.0138	0.137	0.0139	U	0.0139	0.138	0.0138	U	0.0138	0.137	0.0139	U	0.0139	0.138
2,4-Dimethylphenol	105-67-9		0.0146	U	0.0146	0.148	0.0135	U	0.0135	0.137	0.0135	U	0.0135	0.138	0.0135	U	0.0135	0.137	0.0135	U	0.0135	0.138
2,4-Dinitrophenol	51-28-5		0.0214	U	0.0214	0.743	0.0198	U	0.0198	0.687	0.0199	U	0.0199	0.69	0.0197	U	0.0197	0.686	0.0199	U	0.0199	0.69
2,4-Dinitrotoluene	121-14-2		0.0158	U	0.0158	0.148	0.0146	U	0.0146	0.137	0.0147	U	0.0147	0.138	0.0146	U	0.0146	0.137	0.0147	U	0.0147	0.138
2,6-Dinitrotoluene	606-20-2		0.0354	U	0.0354	0.148	0.0327	U	0.0327	0.137	0.0329	U	0.0329	0.138	0.0327	U	0.0327	0.137	0.0329	U	0.0329	0.138
2-Chloronaphthalene	91-58-7		0.017	U	0.017	0.148	0.0158	U	0.0158	0.137	0.0158	U	0.0158	0.138	0.0157	U	0.0157	0.137	0.0158	U	0.0158	0.138
2-Chlorophenol	95-57-8		0.0196	U	0.0196	0.148	0.0181	U	0.0181	0.137	0.0182	U	0.0182	0.138	0.0181	U	0.0181	0.137	0.0182	U	0.0182	0.138
2-Methylnaphthalene	91-57-6		0.0355	U	0.0355	0.223	0.0329	U	0.0329	0.206	0.033	U	0.033	0.207	0.0328	U	0.0328	0.206	0.033	U	0.033	0.207
2-Methylphenol	95-48-7	0.33	0.0293	U	0.0293	0.148	0.0271	U	0.0271	0.137	0.0272	U	0.0272	0.138	0.027	U	0.027	0.137	0.0272	U	0.0272	0.138
2-Nitroaniline	88-74-4		0.0119	U	0.0119	0.148	0.011	U	0.011	0.137	0.0111	U	0.0111	0.138	0.011	U	0.011	0.137	0.0111	U	0.0111	0.138
2-Nitrophenol	88-75-5		0.0165	U	0.0165	0.148	0.0152	U	0.0152	0.137	0.0153	U	0.0153	0.138	0.0152	U	0.0152	0.137	0.0153	U	0.0153	0.138
3,3'-Dichlorobenzidine	91-94-1		0.0156	U	0.0156	0.148	0.0144	U	0.0144	0.137	0.0145	U	0.0145	0.138	0.0144	U	0.0144	0.137	0.0145	U	0.0145	0.138
3+4-Methylphenol	65794-96-9	0.33	0.0272	U	0.0272	0.148	0.0251	U	0.0251	0.137	0.0252	U	0.0252	0.138	0.0251	U	0.0251	0.137	0.0252	U	0.0252	0.138

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	2021349-01				2030270-03				2030270-04				2030270-07				2030270-05			
		SAMPLE ID:	RA-13 (5-5.5')				RA-14 (4-4.5)				RA-15 (4-4.5)				DUP-20220303				RA-16 (4-4.5)			
		COLLECTION DATE:	02/23/2022 16:05				03/03/2022 13:00				03/03/2022 13:10				03/03/2022 00:00				03/03/2022 13:20			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil				Soil			
		NY-UNRES																				
Semivolatile Organics - GC/MS (mg/kg)																						
3-Nitroaniline	99-09-2		0.0275	U	0.0275	0.148	0.0254	U	0.0254	0.137	0.0255	U	0.0255	0.138	0.0254	U	0.0254	0.137	0.0255	U	0.0255	0.138
4,6-Dinitro-2-methylphenol	534-52-1		0.0279	U	0.0279	0.371	0.0258	U	0.0258	0.343	0.026	U	0.026	0.344	0.0258	U	0.0258	0.342	0.026	U	0.026	0.344
4-Bromophenyl-phenyl ether	101-55-3		0.0212	U	0.0212	0.148	0.0196	U	0.0196	0.137	0.0196	U	0.0196	0.138	0.0195	U	0.0195	0.137	0.0196	U	0.0196	0.138
4-Chloro-3-methylphenol	59-50-7		0.0234	U	0.0234	0.148	0.0216	U	0.0216	0.137	0.0217	U	0.0217	0.138	0.0216	U	0.0216	0.137	0.0217	U	0.0217	0.138
4-Chloroaniline	106-47-8		0.00519	U	0.00519	0.148	0.0048	U	0.0048	0.137	0.00482	U	0.00482	0.138	0.00479	U	0.00479	0.137	0.00482	U	0.00482	0.138
4-Chlorophenyl phenyl ether	7005-72-3		0.00801	U	0.00801	0.148	0.0074	U	0.0074	0.137	0.00744	U	0.00744	0.138	0.00739	U	0.00739	0.137	0.00743	U	0.00743	0.138
4-Nitroaniline	100-01-6		0.0742	U	0.0742	0.148	0.0686	U	0.0686	0.137	0.0689	U	0.0689	0.138	0.0685	U	0.0685	0.137	0.0689	U	0.0689	0.138
4-Nitrophenol	100-02-7		0.00949	U	0.00949	0.148	0.00877	U	0.00877	0.137	0.00881	U	0.00881	0.138	0.00876	U	0.00876	0.137	0.00881	U	0.00881	0.138
Acenaphthene	83-32-9	20	0.00845	U	0.00845	0.148	0.00782	U	0.00782	0.137	0.00785	U	0.00785	0.138	0.00781	U	0.00781	0.137	0.00785	U	0.00785	0.138
Acenaphthylene	208-96-8	100	**0.0323**	J	0.00516	0.148	0.00477	U	0.00477	0.137	0.00479	U	0.00479	0.138	0.00476	U	0.00476	0.137	0.00479	U	0.00479	0.138
Acetophenone	98-86-2		0.0147	U	0.0147	0.148	0.0136	U	0.0136	0.137	0.0137	U	0.0137	0.138	0.0136	U	0.0136	0.137	0.0136	U	0.0136	0.138
Anthracene	120-12-7	100	**0.0519**	J	0.0215	0.148	0.0199	U	0.0199	0.137	0.02	U	0.02	0.138	0.0198	U	0.0198	0.137	0.02	U	0.02	0.138
Benzo(a)anthracene	56-55-3	1	**0.219**		0.0149	0.148	0.0138	U	0.0138	0.137	0.0139	U	0.0139	0.138	0.0138	U	0.0138	0.137	0.0139	U	0.0139	0.138
Benzo(a)pyrene	50-32-8	1	**0.219**		0.0258	0.148	0.0239	U	0.0239	0.137	0.024	U	0.024	0.138	0.0239	U	0.0239	0.137	0.024	U	0.024	0.138
Benzo(b)fluoranthene	205-99-2	1	**0.323**		0.0208	0.148	0.0193	U	0.0193	0.137	0.0193	U	0.0193	0.138	0.0192	U	0.0192	0.137	0.0193	U	0.0193	0.138
Benzo(g,h,i)perylene	191-24-2	100	**0.177**		0.012	0.148	0.0111	U	0.0111	0.137	0.0112	U	0.0112	0.138	0.0111	U	0.0111	0.137	0.0112	U	0.0112	0.138
Benzo(k)fluoranthene	207-08-9	0.8	**0.122**	J	0.017	0.148	0.0158	U	0.0158	0.137	0.0158	U	0.0158	0.138	0.0157	U	0.0157	0.137	0.0158	U	0.0158	0.138
Benzoic acid	65-85-0		0.172	U	0.172	0.371	0.159	U	0.159	0.343	0.16	U	0.16	0.344	0.159	U	0.159	0.342	0.16	U	0.16	0.344
Benzyl alcohol	100-51-6		0.0332	U	0.0332	0.148	0.0307	U	0.0307	0.137	0.0308	U	0.0308	0.138	0.0306	U	0.0306	0.137	0.0308	U	0.0308	0.138
Biphenyl	92-52-4		0.013	U	0.013	0.148	0.012	U	0.012	0.137	0.0121	U	0.0121	0.138	0.012	U	0.012	0.137	0.0121	U	0.0121	0.138
bis(2-chloroethoxy)methane	111-91-1		0.0205	U	0.0205	0.148	0.0189	U	0.0189	0.137	0.019	U	0.019	0.138	0.0189	U	0.0189	0.137	0.019	U	0.019	0.138
bis(2-chloroethyl)ether	111-44-4		0.0163	U	0.0163	0.148	0.015	U	0.015	0.137	0.0151	U	0.0151	0.138	0.015	U	0.015	0.137	0.0151	U	0.0151	0.138
bis(2-chloroisopropyl)ether	108-60-1		0.0533	U	0.0533	0.148	0.0493	U	0.0493	0.137	0.0495	U	0.0495	0.138	0.0493	U	0.0493	0.137	0.0495	U	0.0495	0.138
bis(2-ethylhexyl)phthalate	117-81-7		0.0296	U	0.0296	0.148	0.0274	U	0.0274	0.137	0.0275	U	0.0275	0.138	0.0274	U	0.0274	0.137	0.0275	U	0.0275	0.138
Butylbenzylphthalate	85-68-7		0.0135	U	0.0135	0.148	0.0125	U	0.0125	0.137	0.0125	U	0.0125	0.138	0.0124	U	0.0124	0.137	0.0125	U	0.0125	0.138
Carbazole	86-74-8		0.0285	U	0.0285	0.371	0.0264	U	0.0264	0.343	0.0265	U	0.0265	0.344	0.0263	U	0.0263	0.342	0.0265	U	0.0265	0.344
Chrysene	218-01-9	1	**0.256**		0.0102	0.148	0.00939	U	0.00939	0.137	0.00943	U	0.00943	0.138	0.00938	U	0.00938	0.137	0.00943	U	0.00943	0.138
Dibenzo(a,h)anthracene	53-70-3	0.33	**0.0471**	J	0.0147	0.148	0.0136	U	0.0136	0.137	0.0137	U	0.0137	0.138	0.0136	U	0.0136	0.137	0.0136	U	0.0136	0.138
Dibenzofuran	132-64-9	7	0.00883	U	0.00883	0.148	0.00817	U	0.00817	0.137	0.0082	U	0.0082	0.138	0.00815	U	0.00815	0.137	0.0082	U	0.0082	0.138
Diethylphthalate	84-66-2		0.0287	U	0.0287	0.148	0.0266	U	0.0266	0.137	0.0267	U	0.0267	0.138	0.0265	U	0.0265	0.137	0.0267	U	0.0267	0.138
Dimethylphthalate	131-11-3		0.0092	U	0.0092	0.148	0.00851	U	0.00851	0.137	0.00854	U	0.00854	0.138	0.00849	U	0.00849	0.137	0.00854	U	0.00854	0.138
Di-n-butylphthalate	84-74-2		0.0606	U	0.0606	0.148	0.056	U	0.056	0.137	0.0563	U	0.0563	0.138	0.0559	U	0.0559	0.137	0.0562	U	0.0562	0.138
Di-n-octylphthalate	117-84-0		0.0304	U	0.0304	0.148	0.0281	U	0.0281	0.137	0.0282	U	0.0282	0.138	0.0281	U	0.0281	0.137	0.0282	U	0.0282	0.138
Fluoranthene	206-44-0	100	**0.403**		0.0139	0.148	0.0129	U	0.0129	0.137	0.0129	U	0.0129	0.138	0.0129	U	0.0129	0.137	0.0129	U	0.0129	0.138
Fluorene	86-73-7	30	0.0124	U	0.0124	0.148	0.0114	U	0.0114	0.137	0.0115	U	0.0115	0.138	0.0114	U	0.0114	0.137	0.0115	U	0.0115	0.138
Hexachlorobenzene	118-74-1	0.33	0.0194	U	0.0194	0.148	0.0179	U	0.0179	0.137	0.018	U	0.018	0.138	0.0179	U	0.0179	0.137	0.018	U	0.018	0.138
Hexachlorobutadiene	87-68-3		0.0711	U	0.0711	0.148	0.0658	U	0.0658	0.137	0.0661	U	0.0661	0.138	0.0657	U	0.0657	0.137	0.0661	U	0.0661	0.138
Hexachlorocyclopentadiene	77-47-4		0.0618	U	0.0618	0.371	0.0572	U	0.0572	0.343	0.0574	U	0.0574	0.344	0.0571	U	0.0571	0.342	0.0574	U	0.0574	0.344
Hexachloroethane	67-72-1		0.0163	U	0.0163	0.148	0.015	U	0.015	0.137	0.0151	U	0.0151	0.138	0.015	U	0.015	0.137	0.0151	U	0.0151	0.138
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	**0.133**	J	0.0159	0.148	0.0147	U	0.0147	0.137	0.0148	U	0.0148	0.138	0.0147	U	0.0147	0.137	0.0148	U	0.0148	0.138
Isophorone	78-59-1		0.00971	U	0.00971	0.148	0.00898	U	0.00898	0.137	0.00902	U	0.00902	0.138	0.00897	U	0.00897	0.137	0.00902	U	0.00902	0.138
Naphthalene	91-20-3	12	0.011	U	0.011	0.148	0.0102	U	0.0102	0.137	0.0102	U	0.0102	0.138	0.0101	U	0.0101	0.137	0.0102	U	0.0102	0.138
Nitrobenzene	98-95-3		0.0252	U	0.0252	0.148	0.0233	U	0.0233	0.137	0.0234	U	0.0234	0.138	0.0232	U	0.0232	0.137	0.0234	U	0.0234	0.138
n-Nitroso-di-n-propylamine	621-64-7		0.00794	U	0.00794	0.148	0.00734	U	0.00734	0.137	0.00737	U	0.00737	0.138	0.00733	U	0.00733	0.137	0.00737	U	0.00737	0.138
n-Nitrosodiphenylamine	86-30-6		0.0316	U	0.0316	0.148	0.0292	U	0.0292	0.137	0.0294	U	0.0294	0.138	0.0292	U	0.0292	0.137	0.0294	U	0.0294	0.138
Pentachlorophenol	87-86-5	0.8	0.0204	U	0.0204	0.371	0.0188	U	0.0188	0.343	0.0189	U	0.0189	0.344	0.0188	U	0.0188	0.342	0.0189	U	0.0189	0.344
Phenanthrene	85-01-8	100	**0.164**		0.0195	0.148	0.018	U	0.018	0.137	0.0181	U	0.0181	0.138	0.018	U	0.018	0.137	0.0181	U	0.0181	0.138
Phenol	108-95-2	0.33	0.012	U	0.012	0.148	0.0111	U	0.0111	0.137	0.0112	U	0.0112	0.138	0.0111	U	0.0111	0.137	0.0112	U	0.0112	0.138
Pyrene	129-00-0	100	**0.347**		0.0109	0.148	0.0101	U	0.0101	0.137	0.0101	U	0.0101	0.138	0.0101	U	0.0101	0.137	0.0101	U	0.0101	0.138

Qualifiers:
U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Eight Walkup Drive, Westborough, MA 01581-1019
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Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-17 (8-8.5)				RA-18 (8-8.5)				RA-24 (9.5-10)				RA-24A (7-7.5)				RA-25A (10.5-11)			
		LAB ID:	L2211685-02				L2211334-08				L2211059-01				L2211059-02				L2211059-03			
		COLLECTION DATE:	3/7/2022				3/3/2022				3/2/2022				3/2/2022				3/2/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																				
ANALYTE	CAS	(mg/kg)	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	ND		0.0063	0.0029	ND		0.0064	0.0029	ND		0.0052	0.0024	ND		0.0052	0.0024	ND		0.0056	0.0026
1,1-Dichloroethane	75-34-3	0.27	ND		0.0013	0.00018	ND		0.0013	0.00018	ND		0.001	0.00015	ND		0.001	0.00015	ND		0.0011	0.00016
Chloroform	67-66-3	0.37	ND		0.0019	0.00018	ND		0.0019	0.00018	ND		0.0016	0.00014	ND		0.0015	0.00014	ND		0.0017	0.00016
Carbon tetrachloride	56-23-5	0.76	ND		0.0013	0.00029	ND		0.0013	0.00029	ND		0.001	0.00024	ND		0.001	0.00024	ND		0.0011	0.00026
1,2-Dichloropropane	78-87-5		ND		0.0013	0.00016	ND		0.0013	0.00016	ND		0.001	0.00013	ND		0.001	0.00013	ND		0.0011	0.00014
Dibromochloromethane	124-48-1		ND		0.0013	0.00018	ND		0.0013	0.00018	ND		0.001	0.00014	ND		0.001	0.00014	ND		0.0011	0.00016
1,1,2-Trichloroethane	79-00-5		ND		0.0013	0.00034	ND		0.0013	0.00034	ND		0.001	0.00028	ND		0.001	0.00028	ND		0.0011	0.0003
Tetrachloroethene	127-18-4	1.3	ND		0.00063	0.00025	ND		0.00064	0.00025	ND		0.00052	0.0002	ND		0.00052	0.0002	ND		0.00056	0.00022
Chlorobenzene	108-90-7	1.1	ND		0.00063	0.00016	ND		0.00064	0.00016	ND		0.00052	0.00013	ND		0.00052	0.00013	ND		0.00056	0.00014
Trichlorofluoromethane	75-69-4		ND		0.0051	0.00088	ND		0.0051	0.00088	ND		0.0041	0.00072	ND		0.0041	0.00072	ND		0.0045	0.00078
1,2-Dichloroethane	107-06-2	0.02	ND		0.0013	0.00032	ND		0.0013	0.00033	ND		0.001	0.00026	ND		0.001	0.00026	ND		0.0011	0.00029
1,1,1-Trichloroethane	71-55-6	0.68	ND		0.00063	0.00021	ND		0.00064	0.00021	ND		0.00052	0.00017	ND		0.00052	0.00017	ND		0.00056	0.00019
Bromodichloromethane	75-27-4		ND		0.00063	0.00014	ND		0.00064	0.00014	ND		0.00052	0.00011	ND		0.00052	0.00011	ND		0.00056	0.00012
trans-1,3-Dichloropropene	10061-02-6		ND		0.0013	0.00034	ND		0.0013	0.00035	ND		0.001	0.00028	ND		0.001	0.00028	ND		0.0011	0.00031
cis-1,3-Dichloropropene	10061-01-5		ND		0.00063	0.0002	ND		0.00064	0.0002	ND		0.00052	0.00016	ND		0.00052	0.00016	ND		0.00056	0.00018
1,3-Dichloropropene, Total	542-75-6		ND		0.00063	0.0002	ND		0.00064	0.0002	ND		0.00052	0.00016	ND		0.00052	0.00016	ND		0.00056	0.00018
1,1-Dichloropropene	563-58-6		ND		0.00063	0.0002	ND		0.00064	0.0002	ND		0.00052	0.00016	ND		0.00052	0.00016	ND		0.00056	0.00018
Bromoform	75-25-2		ND		0.0051	0.00031	ND		0.0051	0.00031	ND		0.0041	0.00025	ND		0.0041	0.00025	ND		0.0045	0.00028
1,1,2,2-Tetrachloroethane	79-34-5		ND		0.00063	0.00021	ND		0.00064	0.00021	ND		0.00052	0.00017	ND		0.00052	0.00017	ND		0.00056	0.00019
Benzene	71-43-2	0.06	ND		0.00063	0.00021	ND		0.00064	0.00021	ND		0.00052	0.00017	ND		0.00052	0.00017	ND		0.00056	0.00019
Toluene	108-88-3	0.7	0.0031		0.0013	0.00069	0.00094	J	0.0013	0.00069	0.0012		0.001	0.00056	0.0012		0.001	0.00056	0.0014		0.0011	0.00061
Ethylbenzene	100-41-4	1	ND		0.0013	0.00018	ND		0.0013	0.00018	ND		0.001	0.00014	ND		0.001	0.00014	ND		0.0011	0.00016
Chloromethane	74-87-3		ND		0.0051	0.0012	ND		0.0051	0.0012	ND		0.0041	0.00096	ND		0.0041	0.00096	ND		0.0045	0.001
Bromomethane	74-83-9		ND		0.0025	0.00074	ND		0.0025	0.00074	ND		0.0021	0.0006	ND		0.0021	0.0006	ND		0.0022	0.00065
Vinyl chloride	75-01-4	0.02	ND		0.0013	0.00042	ND		0.0013	0.00043	ND		0.001	0.00035	ND		0.001	0.00034	ND		0.0011	0.00038
Chloroethane	75-00-3		ND		0.0025	0.00057	ND		0.0025	0.00058	ND		0.0021	0.00047	ND		0.0021	0.00047	ND		0.0022	0.00051
1,1-Dichloroethene	75-35-4	0.33	ND		0.0013	0.0003	ND		0.0013	0.0003	ND		0.001	0.00025	ND		0.001	0.00024	ND		0.0011	0.00027
trans-1,2-Dichloroethene	156-60-5	0.19	ND		0.0019	0.00017	ND		0.0019	0.00017	ND		0.0016	0.00014	ND		0.0015	0.00014	ND		0.0017	0.00015
Trichloroethene	79-01-6	0.47	ND		0.00063	0.00017	ND		0.00064	0.00017	ND		0.00052	0.00014	ND		0.00052	0.00014	ND		0.00056	0.00015
1,2-Dichlorobenzene	95-50-1	1.1	ND		0.0025	0.00018	ND		0.0025	0.00018	ND		0.0021	0.00015	ND		0.0021	0.00015	ND		0.0022	0.00016
1,3-Dichlorobenzene	541-73-1	2.4	ND		0.0025	0.00019	ND		0.0025	0.00019	ND		0.0021	0.00015	ND		0.0021	0.00015	ND		0.0022	0.00017
1,4-Dichlorobenzene	106-46-7	1.8	ND		0.0025	0.00022	ND		0.0025	0.00022	ND		0.0021	0.00018	ND		0.0021	0.00018	ND		0.0022	0.00019
Methyl tert butyl ether	1634-04-4	0.93	ND		0.0025	0.00025	ND		0.0025	0.00026	ND		0.0021	0.00021	ND		0.0021	0.00021	ND		0.0022	0.00022
p/m-Xylene	179601-23-1		ND		0.0025	0.00071	ND		0.0025	0.00071	ND		0.0021	0.00058	ND		0.0021	0.00058	ND		0.0022	0.00063
o-Xylene	95-47-6		ND		0.0013	0.00037	ND		0.0013	0.00037	ND		0.001	0.0003	ND		0.001	0.0003	ND		0.0011	0.00033
Xylenes, Total	1330-20-7	0.26	ND		0.0013	0.00037	ND		0.0013	0.00037	ND		0.001	0.0003	ND		0.001	0.0003	ND		0.0011	0.00033
cis-1,2-Dichloroethene	156-59-2	0.25	ND		0.0013	0.00022	ND		0.0013	0.00022	ND		0.001	0.00018	ND		0.001	0.00018	ND		0.0011	0.0002
1,2-Dichloroethene, Total	540-59-0		ND		0.0013	0.00017	ND		0.0013	0.00017	ND		0.001	0.00014	ND		0.001	0.00014	ND		0.0011	0.00015
Dibromomethane	74-95-3		ND		0.0025	0.0003	ND		0.0025	0.0003	ND		0.0021	0.00025	ND		0.0021	0.00024	ND		0.0022	0.00027
Styrene	100-42-5		0.00056	J	0.0013	0.00025	0.00025	J	0.0013	0.00025	0.00022	J	0.001	0.0002	0.00021	J	0.001	0.0002	0.00027	J	0.0011	0.00022
Dichlorodifluoromethane	75-71-8		ND		0.013	0.0012	ND		0.013	0.0012	ND		0.01	0.00095	ND		0.01	0.00094	ND		0.011	0.001
Acetone	67-64-1	0.05	ND		0.013	0.0061	ND		0.013	0.0061	ND		0.01	0.005	ND		0.01	0.005	ND		0.011	0.0054
Carbon disulfide	75-15-0		ND		0.013	0.0058	ND		0.013	0.0058	ND		0.01	0.0047	ND		0.01	0.0047	ND		0.011	0.0051
2-Butanone	78-93-3	0.12	ND		0.013	0.0028	ND		0.013	0.0028	ND		0.01	0.0023	ND		0.01	0.0023	ND		0.011	0.0025
Vinyl acetate	108-05-4		ND		0.013	0.0027	ND		0.013	0.0027	ND		0.01	0.0022	ND		0.01	0.0022	ND		0.011	0.0024
4-Methyl-2-pentanone	108-10-1		ND		0.013	0.0016	ND		0.013	0.0016	ND		0.01	0.0013	ND		0.01	0.0013	ND		0.011	0.0014
1,2,3-Trichloropropane	96-18-4		ND		0.0025	0.00016	ND		0.0025	0.00016	ND		0.0021	0.00013	ND		0.0021	0.00013	ND		0.0022	0.00014
2-Hexanone	591-78-6		ND		0.013	0.0015	ND		0.013	0.0015	ND		0.01	0.0012	ND		0.01	0.0012	ND		0.011	0.0013
Bromochloromethane	74-97-5		ND		0.0025	0.00026	ND		0.0025	0.00026	ND		0.0021	0.00021	ND		0.0021	0.00021	ND		0.0022	0.00023
2,2-Dichloropropane	594-20-7		ND		0.0025	0.00026	ND		0.0025	0.00026	ND		0.0021	0.00021	ND		0.0021	0.00021	ND		0.0022	0.00023

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	**RA-17 (8-8.5)**				**RA-18 (8-8.5)**				**RA-24 (9.5-10)**				**RA-24A (7-7.5)**				**RA-25A (10.5-11)**			
		LAB ID:	**L2211685-02**				**L2211334-08**				**L2211059-01**				**L2211059-02**				**L2211059-03**			
		COLLECTION DATE:	**3/7/2022**				**3/3/2022**				**3/2/2022**				**3/2/2022**				**3/2/2022**			
		SAMPLE MATRIX:	**SOIL**				**SOIL**				**SOIL**				**SOIL**				**SOIL**			
		NY-UNRES																				
		(mg/kg)	**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																						
1,2-Dibromoethane	106-93-4		ND		0.0013	0.00035	ND		0.0013	0.00036	ND		0.001	0.00029	ND		0.001	0.00029	ND		0.0011	0.00031
1,3-Dichloropropane	142-28-9		ND		0.0025	0.00021	ND		0.0025	0.00021	ND		0.0021	0.00017	ND		0.0021	0.00017	ND		0.0022	0.00019
1,1,1,2-Tetrachloroethane	630-20-6		ND		0.00063	0.00017	ND		0.00064	0.00017	ND		0.00052	0.00014	ND		0.00052	0.00014	ND		0.00056	0.00015
Bromobenzene	108-86-1		ND		0.0025	0.00018	ND		0.0025	0.00018	ND		0.0021	0.00015	ND		0.0021	0.00015	ND		0.0022	0.00016
n-Butylbenzene	104-51-8	12	ND		0.0013	0.00021	ND		0.0013	0.00021	ND		0.001	0.00017	ND		0.001	0.00017	ND		0.0011	0.00019
sec-Butylbenzene	135-98-8	11	ND		0.0013	0.00018	ND		0.0013	0.00019	ND		0.001	0.00015	ND		0.001	0.00015	ND		0.0011	0.00016
tert-Butylbenzene	98-06-6	5.9	ND		0.0025	0.00015	ND		0.0025	0.00015	ND		0.0021	0.00012	ND		0.0021	0.00012	ND		0.0022	0.00013
o-Chlorotoluene	95-49-8		ND		0.0025	0.00024	ND		0.0025	0.00024	ND		0.0021	0.0002	ND		0.0021	0.0002	ND		0.0022	0.00021
p-Chlorotoluene	106-43-4		ND		0.0025	0.00014	ND		0.0025	0.00014	ND		0.0021	0.00011	ND		0.0021	0.00011	ND		0.0022	0.00012
1,2-Dibromo-3-chloropropane	96-12-8		ND		0.0038	0.0013	ND		0.0038	0.0013	ND		0.0031	0.001	ND		0.0031	0.001	ND		0.0034	0.0011
Hexachlorobutadiene	87-68-3		ND		0.0051	0.00021	ND		0.0051	0.00022	ND		0.0041	0.00017	ND		0.0041	0.00017	ND		0.0045	0.00019
Isopropylbenzene	98-82-8		ND		0.0013	0.00014	ND		0.0013	0.00014	ND		0.001	0.00011	ND		0.001	0.00011	ND		0.0011	0.00012
p-Isopropyltoluene	99-87-6		ND		0.0013	0.00014	ND		0.0013	0.00014	ND		0.001	0.00011	0.00021	J	0.001	0.00011	ND		0.0011	0.00012
Naphthalene	91-20-3	12	ND		0.0051	0.00082	ND		0.0051	0.00083	ND		0.0041	0.00067	ND		0.0041	0.00067	ND		0.0045	0.00073
Acrylonitrile	107-13-1		ND		0.0051	0.0014	ND		0.0051	0.0015	ND		0.0041	0.0012	ND		0.0041	0.0012	ND		0.0045	0.0013
n-Propylbenzene	103-65-1	3.9	ND		0.0013	0.00022	ND		0.0013	0.00022	ND		0.001	0.00018	ND		0.001	0.00018	ND		0.0011	0.00019
1,2,3-Trichlorobenzene	87-61-6		ND		0.0025	0.00041	ND		0.0025	0.00041	ND		0.0021	0.00033	ND		0.0021	0.00033	ND		0.0022	0.00036
1,2,4-Trichlorobenzene	120-82-1		ND		0.0025	0.00034	ND		0.0025	0.00035	ND		0.0021	0.00028	ND		0.0021	0.00028	ND		0.0022	0.0003
1,3,5-Trimethylbenzene	108-67-8	8.4	ND		0.0025	0.00024	ND		0.0025	0.00024	0.00026	J	0.0021	0.0002	ND		0.0021	0.0002	ND		0.0022	0.00022
1,2,4-Trimethylbenzene	95-63-6	3.6	ND		0.0025	0.00042	ND		0.0025	0.00042	0.00078	J	0.0021	0.00034	ND		0.0021	0.00034	ND		0.0022	0.00037
1,4-Dioxane	123-91-1	0.1	ND		0.1	0.044	ND		0.1	0.045	ND		0.083	0.036	ND		0.082	0.036	ND		0.09	0.039
p-Diethylbenzene	105-05-5		ND		0.0025	0.00022	ND		0.0025	0.00022	ND		0.0021	0.00018	ND		0.0021	0.00018	ND		0.0022	0.0002
p-Ethyltoluene	622-96-8		ND		0.0025	0.00049	ND		0.0025	0.00049	0.00055	J	0.0021	0.0004	ND		0.0021	0.0004	ND		0.0022	0.00043
1,2,4,5-Tetramethylbenzene	95-93-2		ND		0.0025	0.00024	ND		0.0025	0.00024	ND		0.0021	0.0002	ND		0.0021	0.0002	ND		0.0022	0.00021
Ethyl ether	60-29-7		ND		0.0025	0.00043	ND		0.0025	0.00043	ND		0.0021	0.00035	ND		0.0021	0.00035	ND		0.0022	0.00038
trans-1,4-Dichloro-2-butene	110-57-6		ND		0.0063	0.0018	ND		0.0064	0.0018	ND		0.0052	0.0015	ND		0.0052	0.0015	ND		0.0056	0.0016
Total VOCs			0.00366	-	-	-	0.00119	-	-	-	0.00301	-	-	-	0.00162	-	-	-	0.00167	-	-	-
TOTAL METALS																						
Aluminum, Total	7429-90-5		3010		8	2.16	2530		8.2	2.22	4720		8.56	2.31	4220		8.34	2.25	2410		7.99	2.16
Antimony, Total	7440-36-0		ND		4	0.304	ND		4.1	0.312	ND		4.28	0.325	ND		4.17	0.317	ND		3.99	0.304
Arsenic, Total	7440-38-2	13	0.28	J	0.8	0.166	0.689	J	0.82	0.171	2.59		0.856	0.178	1.96		0.834	0.173	1.44		0.799	0.166
Barium, Total	7440-39-3	350	33		0.8	0.139	21.8		0.82	0.143	42.8		0.856	0.149	38.7		0.834	0.145	25.1		0.799	0.139
Beryllium, Total	7440-41-7	7.2	0.04	J	0.4	0.026	ND		0.41	0.027	0.145	J	0.428	0.028	0.125	J	0.417	0.028	0.08	J	0.399	0.026
Cadmium, Total	7440-43-9	2.5	ND		0.8	0.078	0.148	J	0.82	0.08	0.171	J	0.856	0.084	0.158	J	0.834	0.082	ND		0.799	0.078
Calcium, Total	7440-70-2		16800		8	2.8	18700		8.2	2.87	12200		8.56	2.99	14100		8.34	2.92	27100		7.99	2.8
Chromium, Total	7440-47-3		8.36		0.8	0.077	7.39		0.82	0.079	11.3		0.856	0.082	10.6		0.834	0.08	8.72		0.799	0.077
Cobalt, Total	7440-48-4		2.94		1.6	0.133	4.4		1.64	0.136	4.7		1.71	0.142	4		1.67	0.138	4.89		1.6	0.133
Copper, Total	7440-50-8	50	11		0.8	0.206	8.52		0.82	0.212	16.9		0.856	0.221	14.8		0.834	0.215	8.76		0.799	0.206
Iron, Total	7439-89-6		6690		4	0.722	7650		4.1	0.741	9830		4.28	0.772	8290		4.17	0.753	9630		3.99	0.721
Lead, Total	7439-92-1	63	2.21	J	4	0.214	1.64	J	4.1	0.22	42.9		4.28	0.229	38		4.17	0.224	3.04	J	3.99	0.214
Magnesium, Total	7439-95-4		10800		8	1.23	9500		8.2	1.26	7560		8.56	1.32	8120		8.34	1.28	15400		7.99	1.23
Manganese, Total	7439-96-5	1600	225		0.8	0.127	89.4		0.82	0.13	147		0.856	0.136	142		0.834	0.133	94.9		0.799	0.127
Mercury, Total	7439-97-6	0.18	ND		0.074	0.048	ND		0.075	0.049	0.081		0.072	0.047	0.092		0.074	0.048	ND		0.076	0.05
Nickel, Total	7440-02-0	30	6.92		2	0.194	5.23		2.05	0.198	8.29		2.14	0.207	6.82		2.08	0.202	6.65		2	0.193
Potassium, Total	7440-09-7		935		200	11.5	874		205	11.8	1070		214	12.3	961		208	12	872		200	11.5
Selenium, Total	7782-49-2	3.9	ND		1.6	0.206	0.262	J	1.64	0.212	0.368	J	1.71	0.221	0.3	J	1.67	0.215	0.28	J	1.6	0.206
Silver, Total	7440-22-4	2	ND		0.8	0.226	ND		0.82	0.232	ND		0.856	0.242	ND		0.834	0.236	ND		0.799	0.226
Sodium, Total	7440-23-5		34.5	J	160	2.52	40.5	J	164	2.58	101	J	171	2.69	153	J	167	2.63	56.6	J	160	2.52

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-17 (8-8.5)				RA-18 (8-8.5)				RA-24 (9.5-10)				RA-24A (7-7.5)				RA-25A (10.5-11)			
		LAB ID:	L2211685-02				L2211334-08				L2211059-01				L2211059-02				L2211059-03			
		COLLECTION DATE:	3/7/2022				3/3/2022				3/2/2022				3/2/2022				3/2/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																				
		(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																						
Thallium, Total	7440-28-0		ND		1.6	0.252	ND		1.64	0.258	ND		1.71	0.269	ND		1.67	0.263	ND		1.6	0.252
Vanadium, Total	7440-62-2		11.3		0.8	0.162	9.59		0.82	0.166	14.8		0.856	0.174	13.7		0.834	0.169	11.6		0.799	0.162
Zinc, Total	7440-66-6	109	15.4		4	0.234	13.8		4.1	0.24	47.8		4.28	0.251	41.9		4.17	0.244	14.5		3.99	0.234
GENERAL CHEMISTRY																						
Solids, Total	NONE		96.5		0.1	NA	95		0.1	NA	92.4		0.1	NA	92.8		0.1	NA	98.1		0.1	NA
Cyanide, Total	57-12-5	27	ND		1	0.22	ND		1	0.22	ND		1	0.22	ND		1	0.21	ND		0.95	0.2

Eight Walkup Drive, Westborough, MA 01581-1019
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Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:									2030205-01				2030205-02				2030205-03			
		SAMPLE ID:	2030404-08				2030270-06				RA-24 (9.5-10)				RA-24A (7-7.5)				RA-25A (10.5-11)			
		COLLECTION DATE:	RA-17 (8-8.5)				RA-18 (8-8.5)				03/02/2022 15:10				03/02/2022 15:50				03/02/2022 15:15			
		SAMPLE MATRIX:	03/07/2022 08:15				03/03/2022 13:30				Soil				Soil				Soil			
		NY-UNRES	Soil				Soil															
		(mg/kg)																				
Compound	**CAS#**																					
General Chemistry (%)			Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO
Percent Solids	PERSOL		**94.8**				**94.7**				**91.4**				**92.2**				**98**			
PCBs (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
Aroclor-1016	12674-11-2		0.00467	U	0.00467	0.0348	0.00467	U	0.00467	0.0348	0.00484	U	0.00484	0.0361	0.0048	U	0.0048	0.0358	0.00452	U	0.00452	0.0337
Aroclor-1221	11104-28-2		0.00918	U	0.00918	0.0348	0.00919	U	0.00919	0.0348	0.00952	U	0.00952	0.0361	0.00944	U	0.00944	0.0358	0.00888	U	0.00888	0.0337
Aroclor-1232	11141-16-5		0.0117	U	0.0117	0.0348	0.0117	U	0.0117	0.0348	0.0121	U	0.0121	0.0361	0.012	U	0.012	0.0358	0.0113	U	0.0113	0.0337
Aroclor-1242	53469-21-9		0.00684	U	0.00684	0.0348	0.00685	U	0.00685	0.0348	0.0071	U	0.0071	0.0361	0.00703	U	0.00703	0.0358	0.00662	U	0.00662	0.0337
Aroclor-1248	12672-29-6		0.00715	U	0.00715	0.0348	0.00716	U	0.00716	0.0348	0.00742	U	0.00742	0.0361	0.00735	U	0.00735	0.0358	0.00692	U	0.00692	0.0337
Aroclor-1254	11097-69-1		0.00562	U	0.00562	0.0348	0.00562	U	0.00562	0.0348	0.00583	U	0.00583	0.0361	0.00577	U	0.00577	0.0358	0.00544	U	0.00544	0.0337
Aroclor-1260	11096-82-5		0.00436	U	0.00436	0.0348	0.00436	U	0.00436	0.0348	0.00452	U	0.00452	0.0361	0.00448	U	0.00448	0.0358	0.00422	U	0.00422	0.0337
Aroclor-1262	37324-23-5		0.00936	U	0.00936	0.0348	0.00937	U	0.00937	0.0348	0.00972	U	0.00972	0.0361	0.00963	U	0.00963	0.0358	0.00906	U	0.00906	0.0337
Aroclor-1268	11100-14-4		0.00421	U	0.00421	0.0348	0.00421	U	0.00421	0.0348	0.00437	U	0.00437	0.0361	0.00433	U	0.00433	0.0358	0.00407	U	0.00407	0.0337
Total PCBs	1336-36-3	0.1	0.00325	U	0.00325	0.0348	0.00325	U	0.00325	0.0348	0.00337	U	0.00337	0.0361	0.00334	U	0.00334	0.0358	0.00314	U	0.00314	0.0337
Pesticides (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	72-54-8	0.0033	0.000627	U	0.000627	0.00137	0.000628	U	0.000628	0.00137	0.000651	U	0.000651	0.00142	0.000645	U	0.000645	0.00141	0.000607	U	0.000607	0.00133
4,4'-DDE	72-55-9	0.0033	0.00075	U	0.00075	0.00137	0.000751	U	0.000751	0.00137	**0.00779**		0.000778	0.00142	**0.0039**		0.000771	0.00141	0.000726	U	0.000726	0.00133
4,4'-DDT	50-29-3	0.0033	0.000968	U	0.000968	0.00137	0.000969	U	0.000969	0.00137	**0.00736**		0.001	0.00142	**0.00661**		0.000995	0.00141	0.000937	U	0.000937	0.00133
Aldrin	309-00-2	0.005	0.00065	U	0.00065	0.00137	0.00065	U	0.00065	0.00137	0.000674	U	0.000674	0.00142	0.000668	U	0.000668	0.00141	0.000629	U	0.000629	0.00133
alpha-BHC	319-84-6	0.02	0.000408	U	0.000408	0.00137	0.000409	U	0.000409	0.00137	0.000423	U	0.000423	0.00142	0.00042	U	0.00042	0.00141	0.000395	U	0.000395	0.00133
alpha-Chlordane (cis)	5103-71-9		0.000874	U	0.000874	0.00137	0.000875	U	0.000875	0.00137	**0.00309**		0.000907	0.00142	**0.00368**		0.000899	0.00141	0.000846	U	0.000846	0.00133
beta-BHC	319-85-7	0.036	0.000655	U	0.000655	0.00137	0.000656	U	0.000656	0.00137	0.000679	U	0.000679	0.00142	0.000673	U	0.000673	0.00141	0.000634	U	0.000634	0.00133
Chlordane	57-74-9		0.000609	U	0.000609	0.00137	0.00061	U	0.00061	0.00137	**0.00654**		0.000632	0.00142	**0.00504**		0.000627	0.00141	0.00059	U	0.00059	0.00133
delta-BHC	319-86-8	0.04	0.000637	U	0.000637	0.00137	0.000638	U	0.000638	0.00137	0.000661	U	0.000661	0.00142	0.000655	U	0.000655	0.00141	0.000616	U	0.000616	0.00133
Dieldrin	60-57-1	0.005	0.000717	U	0.000717	0.00137	0.000718	U	0.000718	0.00137	**0.00164**		0.000744	0.00142	0.000737	U	0.000737	0.00141	0.000694	U	0.000694	0.00133
Endosulfan I	959-98-8	2.4	0.000647	U	0.000647	0.00137	0.000648	U	0.000648	0.00137	0.000672	U	0.000672	0.00142	0.000666	U	0.000666	0.00141	0.000627	U	0.000627	0.00133
Endosulfan II	33213-65-9	2.4	0.000623	U	0.000623	0.00137	0.000624	U	0.000624	0.00137	0.000647	U	0.000647	0.00142	0.000641	U	0.000641	0.00141	0.000603	U	0.000603	0.00133
Endosulfan sulfate	1031-07-8	2.4	0.000516	U	0.000516	0.00137	0.000516	U	0.000516	0.00137	0.000535	U	0.000535	0.00142	0.00053	U	0.00053	0.00141	0.000499	U	0.000499	0.00133
Endosulfans, Total (alpha and beta)	115-29-7		0.000623	U	0.000623	0.00137	0.000624	U	0.000624	0.00137	0.000647	U	0.000647	0.00142	0.000641	U	0.000641	0.00141	0.000603	U	0.000603	0.00133
Endrin	72-20-8	0.014	0.000473	U	0.000473	0.00137	0.000474	U	0.000474	0.00137	0.000491	U	0.000491	0.00142	0.000487	U	0.000487	0.00141	0.000458	U	0.000458	0.00133
Endrin aldehyde	7421-93-4		0.000546	U	0.000546	0.00137	0.000547	U	0.000547	0.00137	0.000567	U	0.000567	0.00142	0.000562	U	0.000562	0.00141	0.000529	U	0.000529	0.00133
Endrin ketone	53494-70-5		0.000483	U	0.000483	0.00137	0.000483	U	0.000483	0.00137	0.000501	U	0.000501	0.00142	0.000497	U	0.000497	0.00141	0.000467	U	0.000467	0.00133
gamma-BHC (Lindane)	58-89-9	0.1	0.000434	U	0.000434	0.00137	0.000435	U	0.000435	0.00137	0.000451	U	0.000451	0.00142	0.000447	U	0.000447	0.00141	0.00042	U	0.00042	0.00133
gamma-Chlordane	5566-34-7		0.000609	U	0.000609	0.00137	0.00061	U	0.00061	0.00137	**0.00301**		0.000632	0.00142	**0.00136**	J	0.000627	0.00141	0.00059	U	0.00059	0.00133
Heptachlor	76-44-8	0.042	0.000367	U	0.000367	0.00137	0.000367	U	0.000367	0.00137	0.000381	U	0.000381	0.00142	0.000377	U	0.000377	0.00141	0.000355	U	0.000355	0.00133
Heptachlor Epoxide	1024-57-3		0.000692	U	0.000692	0.00137	0.000693	U	0.000693	0.00137	**0.000985**	J	0.000718	0.00142	**0.000781**	J	0.000711	0.00141	0.000669	U	0.000669	0.00133
Methoxychlor	72-43-5		0.000402	U	0.000402	0.00137	0.000402	U	0.000402	0.00137	0.000417	U	0.000417	0.00142	0.000413	U	0.000413	0.00141	0.000389	U	0.000389	0.00133
Toxaphene	8001-35-2		0.066	U	0.066	0.0696	0.0661	U	0.0661	0.0697	0.0685	U	0.0685	0.0722	0.0679	U	0.0679	0.0716	0.0639	U	0.0639	0.0674
Semivolatile Organics - GC/MS (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
1,2,4,5-Tetrachlorobenzene	95-94-3		0.0213	U	0.0213	0.14	0.0213	U	0.0213	0.14	0.0221	U	0.0221	0.146	0.0219	U	0.0219	0.144	0.0206	U	0.0206	0.136
1,2,4-Trichlorobenzene	120-82-1		0.0144	U	0.0144	0.14	0.0145	U	0.0145	0.14	0.015	U	0.015	0.146	0.0149	U	0.0149	0.144	0.014	U	0.014	0.136
1,2-Dichlorobenzene	95-50-1	1.1	0.0263	U	0.0263	0.14	0.0263	U	0.0263	0.14	0.0272	U	0.0272	0.146	0.027	U	0.027	0.144	0.0254	U	0.0254	0.136
1,3-Dichlorobenzene	541-73-1	2.4	0.0181	U	0.0181	0.14	0.0182	U	0.0182	0.14	0.0188	U	0.0188	0.146	0.0186	U	0.0186	0.144	0.0176	U	0.0176	0.136
1,4-Dichlorobenzene	106-46-7	1.8	0.0178	U	0.0178	0.14	0.0178	U	0.0178	0.14	0.0185	U	0.0185	0.146	0.0183	U	0.0183	0.144	0.0172	U	0.0172	0.136
1,4-Dioxane	123-91-1	0.1	0.00396	U	0.00396	0.0351	0.00397	U	0.00397	0.0352	0.00411	U	0.00411	0.0364	0.00408	U	0.00408	0.0361	0.00384	U	0.00384	0.034
2,4,5-Trichlorophenol	95-95-4		0.0191	U	0.0191	0.14	0.0191	U	0.0191	0.14	0.0198	U	0.0198	0.146	0.0196	U	0.0196	0.144	0.0185	U	0.0185	0.136
2,4,6-Trichlorophenol	88-06-2		0.00878	U	0.00878	0.14	0.00879	U	0.00879	0.14	0.00911	U	0.00911	0.146	0.00903	U	0.00903	0.144	0.0085	U	0.0085	0.136
2,4-Dichlorophenol	120-83-2		0.0141	U	0.0141	0.14	0.0141	U	0.0141	0.14	0.0147	U	0.0147	0.146	0.0145	U	0.0145	0.144	0.0137	U	0.0137	0.136
2,4-Dimethylphenol	105-67-9		0.0138	U	0.0138	0.14	0.0138	U	0.0138	0.14	0.0143	U	0.0143	0.146	0.0142	U	0.0142	0.144	0.0134	U	0.0134	0.136
2,4-Dinitrophenol	51-28-5		0.0202	U	0.0202	0.703	0.0203	U	0.0203	0.704	0.021	U	0.021	0.73	0.0208	U	0.0208	0.723	0.0196	U	0.0196	0.681
2,4-Dinitrotoluene	121-14-2		0.015	U	0.015	0.14	0.015	U	0.015	0.14	0.0155	U	0.0155	0.146	0.0154	U	0.0154	0.144	0.0145	U	0.0145	0.136
2,6-Dinitrotoluene	606-20-2		0.0335	U	0.0335	0.14	0.0336	U	0.0336	0.14	0.0348	U	0.0348	0.146	0.0345	U	0.0345	0.144	0.0325	U	0.0325	0.136
2-Chloronaphthalene	91-58-7		0.0161	U	0.0161	0.14	0.0162	U	0.0162	0.14	0.0167	U	0.0167	0.146	0.0166	U	0.0166	0.144	0.0156	U	0.0156	0.136
2-Chlorophenol	95-57-8		0.0186	U	0.0186	0.14	0.0186	U	0.0186	0.14	0.0193	U	0.0193	0.146	0.0191	U	0.0191	0.144	0.018	U	0.018	0.136
2-Methylnaphthalene	91-57-6		0.0336	U	0.0336	0.211	0.0337	U	0.0337	0.211	0.0349	U	0.0349	0.219	0.0346	U	0.0346	0.217	0.0326	U	0.0326	0.204
2-Methylphenol	95-48-7	0.33	0.0277	U	0.0277	0.14	0.0278	U	0.0278	0.14	0.0288	U	0.0288	0.146	0.0285	U	0.0285	0.144	0.0268	U	0.0268	0.136
2-Nitroaniline	88-74-4		0.0113	U	0.0113	0.14	0.0113	U	0.0113	0.14	0.0117	U	0.0117	0.146	0.0116	U	0.0116	0.144	0.0109	U	0.0109	0.136
2-Nitrophenol	88-75-5		0.0156	U	0.0156	0.14	0.0156	U	0.0156	0.14	0.0162	U	0.0162	0.146	0.016	U	0.016	0.144	0.0151	U	0.0151	0.136
3,3'-Dichlorobenzidine	91-94-1		0.0148	U	0.0148	0.14	0.0148	U	0.0148	0.14	0.0153	U	0.0153	0.146	0.0152	U	0.0152	0.144	0.0143	U	0.0143	0.136
3+4-Methylphenol	65794-96-9	0.33	0.0257	U	0.0257	0.14	0.0258	U	0.0258	0.14	0.0267	U	0.0267	0.146	0.0265	U	0.0265	0.144	0.0249	U	0.0249	0.136

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:									2030205-01				2030205-02				2030205-03			
		SAMPLE ID:	2030404-08				2030270-06				RA-24 (9.5-10)				RA-24A (7-7.5)				RA-25A (10.5-11)			
		COLLECTION DATE:	RA-17 (8-8.5)				RA-18 (8-8.5)				03/02/2022 15:10				03/02/2022 15:50				03/02/2022 15:15			
		SAMPLE MATRIX:	03/07/2022 08:15				03/03/2022 13:30				Soil				Soil				Soil			
		NY-UNRES	Soil				Soil															
Semivolatile Organics - GC/MS (mg/kg)																						
3-Nitroaniline	99-09-2		0.026	U	0.026	0.14	0.0261	U	0.0261	0.14	0.027	U	0.027	0.146	0.0268	U	0.0268	0.144	0.0252	U	0.0252	0.136
4,6-Dinitro-2-methylphenol	534-52-1		0.0265	U	0.0265	0.351	0.0265	U	0.0265	0.352	0.0275	U	0.0275	0.364	0.0272	U	0.0272	0.361	0.0256	U	0.0256	0.34
4-Bromophenyl-phenyl ether	101-55-3		0.02	U	0.02	0.14	0.0201	U	0.0201	0.14	0.0208	U	0.0208	0.146	0.0206	U	0.0206	0.144	0.0194	U	0.0194	0.136
4-Chloro-3-methylphenol	59-50-7		0.0221	U	0.0221	0.14	0.0222	U	0.0222	0.14	0.023	U	0.023	0.146	0.0228	U	0.0228	0.144	0.0214	U	0.0214	0.136
4-Chloroaniline	106-47-8		0.00491	U	0.00491	0.14	0.00492	U	0.00492	0.14	0.0051	U	0.0051	0.146	0.00505	U	0.00505	0.144	0.00476	U	0.00476	0.136
4-Chlorophenyl phenyl ether	7005-72-3		0.00758	U	0.00758	0.14	0.00759	U	0.00759	0.14	0.00787	U	0.00787	0.146	0.00779	U	0.00779	0.144	0.00734	U	0.00734	0.136
4-Nitroaniline	100-01-6		0.0702	U	0.0702	0.14	0.0703	U	0.0703	0.14	0.0729	U	0.0729	0.146	0.0722	U	0.0722	0.144	0.068	U	0.068	0.136
4-Nitrophenol	100-02-7		0.00898	U	0.00898	0.14	0.00899	U	0.00899	0.14	0.00932	U	0.00932	0.146	0.00924	U	0.00924	0.144	0.00869	U	0.00869	0.136
Acenaphthene	83-32-9	20	0.008	U	0.008	0.14	0.00801	U	0.00801	0.14	0.0083	U	0.0083	0.146	0.00823	U	0.00823	0.144	0.00775	U	0.00775	0.136
Acenaphthylene	208-96-8	100	0.00488	U	0.00488	0.14	0.00489	U	0.00489	0.14	**0.0521**	J	0.00507	0.146	**0.0379**	J	0.00502	0.144	0.00473	U	0.00473	0.136
Acetophenone	98-86-2		0.0139	U	0.0139	0.14	0.0139	U	0.0139	0.14	0.0144	U	0.0144	0.146	0.0143	U	0.0143	0.144	0.0135	U	0.0135	0.136
Anthracene	120-12-7	100	0.0203	U	0.0203	0.14	0.0204	U	0.0204	0.14	**0.0798**	J	0.0211	0.146	**0.0762**	J	0.0209	0.144	0.0197	U	0.0197	0.136
Benzo(a)anthracene	56-55-3	1	0.0141	U	0.0141	0.14	0.0141	U	0.0141	0.14	**0.366**		0.0147	0.146	**0.414**		0.0145	0.144	0.0137	U	0.0137	0.136
Benzo(a)pyrene	50-32-8	1	0.0245	U	0.0245	0.14	0.0245	U	0.0245	0.14	**0.364**		0.0254	0.146	**0.398**		0.0252	0.144	0.0237	U	0.0237	0.136
Benzo(b)fluoranthene	205-99-2	1	0.0197	U	0.0197	0.14	0.0197	U	0.0197	0.14	**0.557**		0.0205	0.146	**0.629**		0.0203	0.144	0.0191	U	0.0191	0.136
Benzo(g,h,i)perylene	191-24-2	100	0.0114	U	0.0114	0.14	0.0114	U	0.0114	0.14	**0.3**		0.0118	0.146	**0.307**		0.0117	0.144	0.011	U	0.011	0.136
Benzo(k)fluoranthene	207-08-9	0.8	0.0161	U	0.0161	0.14	0.0162	U	0.0162	0.14	**0.211**		0.0167	0.146	**0.247**		0.0166	0.144	0.0156	U	0.0156	0.136
Benzoic acid	65-85-0		0.163	U	0.163	0.351	0.163	U	0.163	0.352	0.169	U	0.169	0.364	0.167	U	0.167	0.361	0.157	U	0.157	0.34
Benzyl alcohol	100-51-6		0.0314	U	0.0314	0.14	0.0315	U	0.0315	0.14	0.0326	U	0.0326	0.146	0.0323	U	0.0323	0.144	0.0304	U	0.0304	0.136
Biphenyl	92-52-4		0.0123	U	0.0123	0.14	0.0124	U	0.0124	0.14	0.0128	U	0.0128	0.146	0.0127	U	0.0127	0.144	0.0119	U	0.0119	0.136
bis(2-chloroethoxy)methane	111-91-1		0.0194	U	0.0194	0.14	0.0194	U	0.0194	0.14	0.0201	U	0.0201	0.146	0.0199	U	0.0199	0.144	0.0188	U	0.0188	0.136
bis(2-chloroethyl)ether	111-44-4		0.0154	U	0.0154	0.14	0.0154	U	0.0154	0.14	0.016	U	0.016	0.146	0.0158	U	0.0158	0.144	0.0149	U	0.0149	0.136
bis(2-chloroisopropyl)ether	108-60-1		0.0505	U	0.0505	0.14	0.0506	U	0.0506	0.14	0.0524	U	0.0524	0.146	0.0519	U	0.0519	0.144	0.0489	U	0.0489	0.136
bis(2-ethylhexyl)phthalate	117-81-7		0.028	U	0.028	0.14	0.0281	U	0.0281	0.14	0.0291	U	0.0291	0.146	0.0288	U	0.0288	0.144	0.0271	U	0.0271	0.136
Butylbenzylphthalate	85-68-7		0.0128	U	0.0128	0.14	0.0128	U	0.0128	0.14	0.0132	U	0.0132	0.146	0.0131	U	0.0131	0.144	0.0123	U	0.0123	0.136
Carbazole	86-74-8		0.027	U	0.027	0.351	0.027	U	0.027	0.352	**0.0383**	J	0.028	0.364	**0.0573**	J	0.0278	0.361	0.0261	U	0.0261	0.34
Chrysene	218-01-9	1	0.00962	U	0.00962	0.14	0.00963	U	0.00963	0.14	**0.469**		0.00998	0.146	**0.549**		0.00989	0.144	0.00931	U	0.00931	0.136
Dibenzo(a,h)anthracene	53-70-3	0.33	0.0139	U	0.0139	0.14	0.0139	U	0.0139	0.14	**0.0749**	J	0.0144	0.146	**0.084**	J	0.0143	0.144	0.0135	U	0.0135	0.136
Dibenzofuran	132-64-9	7	0.00836	U	0.00836	0.14	0.00837	U	0.00837	0.14	0.00868	U	0.00868	0.146	0.0086	U	0.0086	0.144	0.00809	U	0.00809	0.136
Diethylphthalate	84-66-2		0.0272	U	0.0272	0.14	0.0272	U	0.0272	0.14	0.0282	U	0.0282	0.146	0.028	U	0.028	0.144	0.0263	U	0.0263	0.136
Dimethylphthalate	131-11-3		0.00871	U	0.00871	0.14	0.00872	U	0.00872	0.14	0.00904	U	0.00904	0.146	0.00895	U	0.00895	0.144	0.00843	U	0.00843	0.136
Di-n-butylphthalate	84-74-2		0.0574	U	0.0574	0.14	0.0574	U	0.0574	0.14	0.0595	U	0.0595	0.146	0.059	U	0.059	0.144	0.0555	U	0.0555	0.136
Di-n-octylphthalate	117-84-0		0.0288	U	0.0288	0.14	0.0288	U	0.0288	0.14	0.0299	U	0.0299	0.146	0.0296	U	0.0296	0.144	0.0279	U	0.0279	0.136
Fluoranthene	206-44-0	100	0.0132	U	0.0132	0.14	0.0132	U	0.0132	0.14	**0.753**		0.0137	0.146	**0.888**		0.0136	0.144	0.0128	U	0.0128	0.136
Fluorene	86-73-7	30	0.0117	U	0.0117	0.14	0.0117	U	0.0117	0.14	0.0121	U	0.0121	0.146	0.012	U	0.012	0.144	0.0113	U	0.0113	0.136
Hexachlorobenzene	118-74-1	0.33	0.0183	U	0.0183	0.14	0.0184	U	0.0184	0.14	0.019	U	0.019	0.146	0.0189	U	0.0189	0.144	0.0178	U	0.0178	0.136
Hexachlorobutadiene	87-68-3		0.0674	U	0.0674	0.14	0.0675	U	0.0675	0.14	0.0699	U	0.0699	0.146	0.0693	U	0.0693	0.144	0.0652	U	0.0652	0.136
Hexachlorocyclopentadiene	77-47-4		0.0585	U	0.0585	0.351	0.0586	U	0.0586	0.352	0.0607	U	0.0607	0.364	0.0602	U	0.0602	0.361	0.0566	U	0.0566	0.34
Hexachloroethane	67-72-1		0.0154	U	0.0154	0.14	0.0154	U	0.0154	0.14	0.016	U	0.016	0.146	0.0158	U	0.0158	0.144	0.0149	U	0.0149	0.136
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.0151	U	0.0151	0.14	0.0151	U	0.0151	0.14	**0.239**		0.0156	0.146	**0.253**		0.0155	0.144	0.0146	U	0.0146	0.136
Isophorone	78-59-1		0.00919	U	0.00919	0.14	0.00921	U	0.00921	0.14	0.00954	U	0.00954	0.146	0.00945	U	0.00945	0.144	0.0089	U	0.0089	0.136
Naphthalene	91-20-3	12	0.0104	U	0.0104	0.14	0.0104	U	0.0104	0.14	0.0108	U	0.0108	0.146	0.0107	U	0.0107	0.144	0.0101	U	0.0101	0.136
Nitrobenzene	98-95-3		0.0238	U	0.0238	0.14	0.0239	U	0.0239	0.14	0.0247	U	0.0247	0.146	0.0245	U	0.0245	0.144	0.0231	U	0.0231	0.136
n-Nitroso-di-n-propylamine	621-64-7		0.00752	U	0.00752	0.14	0.00753	U	0.00753	0.14	0.0078	U	0.0078	0.146	0.00773	U	0.00773	0.144	0.00728	U	0.00728	0.136
n-Nitrosodiphenylamine	86-30-6		0.0299	U	0.0299	0.14	0.03	U	0.03	0.14	0.0311	U	0.0311	0.146	0.0308	U	0.0308	0.144	0.029	U	0.029	0.136
Pentachlorophenol	87-86-5	0.8	0.0193	U	0.0193	0.351	0.0193	U	0.0193	0.352	0.02	U	0.02	0.364	0.0198	U	0.0198	0.361	0.0187	U	0.0187	0.34
Phenanthrene	85-01-8	100	0.0185	U	0.0185	0.14	0.0185	U	0.0185	0.14	**0.302**		0.0191	0.146	**0.324**		0.019	0.144	0.0179	U	0.0179	0.136
Phenol	108-95-2	0.33	0.0114	U	0.0114	0.14	0.0114	U	0.0114	0.14	0.0118	U	0.0118	0.146	0.0117	U	0.0117	0.144	0.011	U	0.011	0.136
Pyrene	129-00-0	100	0.0103	U	0.0103	0.14	0.0103	U	0.0103	0.14	**0.596**		0.0107	0.146	**0.678**		0.0106	0.144	0.00999	U	0.00999	0.136

Qualifiers:
U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-25B (10.5-11)				RA-25C (10.5-11)				RA-27A (11-11.5)				RA-28 (14.5-15)				RA-28A (10.5-11)			
		LAB ID:	L2211059-04				L2211059-05				L2211059-06				L2211760-03				L2211059-07			
		COLLECTION DATE:	3/2/2022				3/2/2022				3/2/2022				3/7/2022				3/2/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																				
ANALYTE	CAS	(mg/kg)	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	ND		0.0061	0.0028	ND		0.0051	0.0023	ND		0.0058	0.0026	ND		0.0064	0.003	ND		0.0053	0.0024
1,1-Dichloroethane	75-34-3	0.27	ND		0.0012	0.00018	ND		0.001	0.00015	ND		0.0012	0.00017	ND		0.0013	0.00019	ND		0.001	0.00015
Chloroform	67-66-3	0.37	ND		0.0018	0.00017	ND		0.0015	0.00014	ND		0.0017	0.00016	ND		0.0019	0.00018	ND		0.0016	0.00015
Carbon tetrachloride	56-23-5	0.76	ND		0.0012	0.00028	ND		0.001	0.00023	ND		0.0012	0.00026	ND		0.0013	0.0003	ND		0.001	0.00024
1,2-Dichloropropane	78-87-5		ND		0.0012	0.00015	ND		0.001	0.00013	ND		0.0012	0.00014	ND		0.0013	0.00016	ND		0.001	0.00013
Dibromochloromethane	124-48-1		ND		0.0012	0.00017	ND		0.001	0.00014	ND		0.0012	0.00016	ND		0.0013	0.00018	ND		0.001	0.00015
1,1,2-Trichloroethane	79-00-5		ND		0.0012	0.00032	ND		0.001	0.00027	ND		0.0012	0.00031	ND		0.0013	0.00034	ND		0.001	0.00028
Tetrachloroethene	127-18-4	1.3	ND		0.00061	0.00024	0.00024	J	0.00051	0.0002	ND		0.00058	0.00023	ND		0.00064	0.00025	ND		0.00053	0.00021
Chlorobenzene	108-90-7	1.1	ND		0.00061	0.00015	ND		0.00051	0.00013	ND		0.00058	0.00015	ND		0.00064	0.00016	ND		0.00053	0.00013
Trichlorofluoromethane	75-69-4		ND		0.0049	0.00085	ND		0.0041	0.00071	ND		0.0046	0.0008	ND		0.0052	0.0009	ND		0.0042	0.00073
1,2-Dichloroethane	107-06-2	0.02	ND		0.0012	0.00031	ND		0.001	0.00026	ND		0.0012	0.0003	ND		0.0013	0.00033	ND		0.001	0.00027
1,1,1-Trichloroethane	71-55-6	0.68	ND		0.00061	0.0002	ND		0.00051	0.00017	ND		0.00058	0.00019	ND		0.00064	0.00022	ND		0.00053	0.00018
Bromodichloromethane	75-27-4		ND		0.00061	0.00013	ND		0.00051	0.00011	ND		0.00058	0.00012	ND		0.00064	0.00014	ND		0.00053	0.00011
trans-1,3-Dichloropropene	10061-02-6		ND		0.0012	0.00033	ND		0.001	0.00028	ND		0.0012	0.00032	ND		0.0013	0.00035	ND		0.001	0.00029
cis-1,3-Dichloropropene	10061-01-5		ND		0.00061	0.00019	ND		0.00051	0.00016	ND		0.00058	0.00018	ND		0.00064	0.0002	ND		0.00053	0.00017
1,3-Dichloropropene, Total	542-75-6		ND		0.00061	0.00019	ND		0.00051	0.00016	ND		0.00058	0.00018	ND		0.00064	0.0002	ND		0.00053	0.00017
1,1-Dichloropropene	563-58-6		ND		0.00061	0.00019	ND		0.00051	0.00016	ND		0.00058	0.00018	ND		0.00064	0.0002	ND		0.00053	0.00017
Bromoform	75-25-2		ND		0.0049	0.0003	ND		0.0041	0.00025	ND		0.0046	0.00028	ND		0.0052	0.00032	ND		0.0042	0.00026
1,1,2,2-Tetrachloroethane	79-34-5		ND		0.00061	0.0002	ND		0.00051	0.00017	ND		0.00058	0.00019	ND		0.00064	0.00021	ND		0.00053	0.00018
Benzene	71-43-2	0.06	ND		0.00061	0.0002	ND		0.00051	0.00017	ND		0.00058	0.00019	ND		0.00064	0.00021	ND		0.00053	0.00018
Toluene	108-88-3	0.7	0.0015		0.0012	0.00066	0.00097	J	0.001	0.00055	0.001	J	0.0012	0.00063	0.0019		0.0013	0.0007	0.00086	J	0.001	0.00057
Ethylbenzene	100-41-4	1	ND		0.0012	0.00017	ND		0.001	0.00014	ND		0.0012	0.00016	ND		0.0013	0.00018	ND		0.001	0.00015
Chloromethane	74-87-3		ND		0.0049	0.0011	ND		0.0041	0.00095	ND		0.0046	0.0011	ND		0.0052	0.0012	ND		0.0042	0.00098
Bromomethane	74-83-9		ND		0.0024	0.00071	ND		0.002	0.00059	ND		0.0023	0.00067	ND		0.0026	0.00075	ND		0.0021	0.00061
Vinyl chloride	75-01-4	0.02	ND		0.0012	0.00041	ND		0.001	0.00034	ND		0.0012	0.00039	ND		0.0013	0.00043	ND		0.001	0.00035
Chloroethane	75-00-3		ND		0.0024	0.00055	ND		0.002	0.00046	ND		0.0023	0.00052	ND		0.0026	0.00058	ND		0.0021	0.00048
1,1-Dichloroethene	75-35-4	0.33	ND		0.0012	0.00029	ND		0.001	0.00024	ND		0.0012	0.00027	ND		0.0013	0.00031	ND		0.001	0.00025
trans-1,2-Dichloroethene	156-60-5	0.19	ND		0.0018	0.00017	ND		0.0015	0.00014	ND		0.0017	0.00016	ND		0.0019	0.00018	ND		0.0016	0.00014
Trichloroethene	79-01-6	0.47	ND		0.00061	0.00017	ND		0.00051	0.00014	ND		0.00058	0.00016	ND		0.00064	0.00018	ND		0.00053	0.00014
1,2-Dichlorobenzene	95-50-1	1.1	ND		0.0024	0.00018	ND		0.002	0.00015	ND		0.0023	0.00017	ND		0.0026	0.00018	ND		0.0021	0.00015
1,3-Dichlorobenzene	541-73-1	2.4	ND		0.0024	0.00018	ND		0.002	0.00015	ND		0.0023	0.00017	ND		0.0026	0.00019	ND		0.0021	0.00016
1,4-Dichlorobenzene	106-46-7	1.8	ND		0.0024	0.00021	ND		0.002	0.00017	ND		0.0023	0.0002	ND		0.0026	0.00022	ND		0.0021	0.00018
Methyl tert butyl ether	1634-04-4	0.93	ND		0.0024	0.00024	ND		0.002	0.0002	ND		0.0023	0.00023	ND		0.0026	0.00026	ND		0.0021	0.00021
p/m-Xylene	179601-23-1		ND		0.0024	0.00068	0.0006	J	0.002	0.00057	ND		0.0023	0.00065	ND		0.0026	0.00072	ND		0.0021	0.00059
o-Xylene	95-47-6		ND		0.0012	0.00035	ND		0.001	0.0003	ND		0.0012	0.00034	ND		0.0013	0.00038	ND		0.001	0.00031
Xylenes, Total	1330-20-7	0.26	ND		0.0012	0.00035	0.0006	J	0.001	0.0003	ND		0.0012	0.00034	ND		0.0013	0.00038	ND		0.001	0.00031
cis-1,2-Dichloroethene	156-59-2	0.25	ND		0.0012	0.00021	ND		0.001	0.00018	ND		0.0012	0.0002	ND		0.0013	0.00022	ND		0.001	0.00018
1,2-Dichloroethene, Total	540-59-0		ND		0.0012	0.00017	ND		0.001	0.00014	ND		0.0012	0.00016	ND		0.0013	0.00018	ND		0.001	0.00014
Dibromomethane	74-95-3		ND		0.0024	0.00029	ND		0.002	0.00024	ND		0.0023	0.00027	ND		0.0026	0.00031	ND		0.0021	0.00025
Styrene	100-42-5		0.0003	J	0.0012	0.00024	ND		0.001	0.0002	ND		0.0012	0.00023	0.00036	J	0.0013	0.00025	ND		0.001	0.00021
Dichlorodifluoromethane	75-71-8		ND		0.012	0.0011	ND		0.01	0.00093	ND		0.012	0.001	ND		0.013	0.0012	ND		0.01	0.00096
Acetone	67-64-1	0.05	ND		0.012	0.0058	ND		0.01	0.0049	ND		0.012	0.0056	ND		0.013	0.0062	ND		0.01	0.0051
Carbon disulfide	75-15-0		ND		0.012	0.0055	ND		0.01	0.0046	ND		0.012	0.0052	ND		0.013	0.0059	ND		0.01	0.0048
2-Butanone	78-93-3	0.12	ND		0.012	0.0027	ND		0.01	0.0023	ND		0.012	0.0026	ND		0.013	0.0029	ND		0.01	0.0023
Vinyl acetate	108-05-4		ND		0.012	0.0026	ND		0.01	0.0022	ND		0.012	0.0025	ND		0.013	0.0028	ND		0.01	0.0023
4-Methyl-2-pentanone	108-10-1		ND		0.012	0.0016	ND		0.01	0.0013	ND		0.012	0.0015	ND		0.013	0.0016	ND		0.01	0.0014
1,2,3-Trichloropropane	96-18-4		ND		0.0024	0.00015	ND		0.002	0.00013	ND		0.0023	0.00015	ND		0.0026	0.00016	ND		0.0021	0.00013
2-Hexanone	591-78-6		ND		0.012	0.0014	ND		0.01	0.0012	ND		0.012	0.0014	ND		0.013	0.0015	ND		0.01	0.0012
Bromochloromethane	74-97-5		ND		0.0024	0.00025	ND		0.002	0.00021	ND		0.0023	0.00024	ND		0.0026	0.00026	ND		0.0021	0.00022
2,2-Dichloropropane	594-20-7		ND		0.0024	0.00024	ND		0.002	0.00021	ND		0.0023	0.00023	ND		0.0026	0.00026	ND		0.0021	0.00021

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	**RA-25B (10.5-11)**				**RA-25C (10.5-11)**				**RA-27A (11-11.5)**				**RA-28 (14.5-15)**				**RA-28A (10.5-11)**			
		LAB ID:	**L2211059-04**				**L2211059-05**				**L2211059-06**				**L2211760-03**				**L2211059-07**			
		COLLECTION DATE:	**3/2/2022**				**3/2/2022**				**3/2/2022**				**3/7/2022**				**3/2/2022**			
		SAMPLE MATRIX:	**SOIL**				**SOIL**				**SOIL**				**SOIL**				**SOIL**			
		NY-UNRES																				
		(mg/kg)	**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																						
1,2-Dibromoethane	106-93-4		ND		0.0012	0.00034	ND		0.001	0.00028	ND		0.0012	0.00032	ND		0.0013	0.00036	ND		0.001	0.00029
1,3-Dichloropropane	142-28-9		ND		0.0024	0.0002	ND		0.002	0.00017	ND		0.0023	0.00019	ND		0.0026	0.00022	ND		0.0021	0.00018
1,1,1,2-Tetrachloroethane	630-20-6		ND		0.00061	0.00016	ND		0.00051	0.00013	ND		0.00058	0.00015	ND		0.00064	0.00017	ND		0.00053	0.00014
Bromobenzene	108-86-1		ND		0.0024	0.00018	ND		0.002	0.00015	ND		0.0023	0.00017	ND		0.0026	0.00019	ND		0.0021	0.00015
n-Butylbenzene	104-51-8	12	ND		0.0012	0.0002	ND		0.001	0.00017	ND		0.0012	0.00019	ND		0.0013	0.00022	ND		0.001	0.00018
sec-Butylbenzene	135-98-8	11	ND		0.0012	0.00018	ND		0.001	0.00015	ND		0.0012	0.00017	ND		0.0013	0.00019	ND		0.001	0.00015
tert-Butylbenzene	98-06-6	5.9	ND		0.0024	0.00014	ND		0.002	0.00012	ND		0.0023	0.00014	ND		0.0026	0.00015	ND		0.0021	0.00012
o-Chlorotoluene	95-49-8		ND		0.0024	0.00023	ND		0.002	0.00019	ND		0.0023	0.00022	ND		0.0026	0.00025	ND		0.0021	0.0002
p-Chlorotoluene	106-43-4		ND		0.0024	0.00013	ND		0.002	0.00011	ND		0.0023	0.00012	ND		0.0026	0.00014	ND		0.0021	0.00011
1,2-Dibromo-3-chloropropane	96-12-8		ND		0.0036	0.0012	ND		0.003	0.001	ND		0.0035	0.0012	ND		0.0039	0.0013	ND		0.0032	0.001
Hexachlorobutadiene	87-68-3		ND		0.0049	0.0002	ND		0.0041	0.00017	ND		0.0046	0.0002	ND		0.0052	0.00022	ND		0.0042	0.00018
Isopropylbenzene	98-82-8		ND		0.0012	0.00013	ND		0.001	0.00011	ND		0.0012	0.00012	ND		0.0013	0.00014	ND		0.001	0.00011
p-Isopropyltoluene	99-87-6		ND		0.0012	0.00013	0.00012	J	0.001	0.00011	ND		0.0012	0.00012	ND		0.0013	0.00014	ND		0.001	0.00011
Naphthalene	91-20-3	12	ND		0.0049	0.00079	ND		0.0041	0.00066	ND		0.0046	0.00075	ND		0.0052	0.00084	ND		0.0042	0.00068
Acrylonitrile	107-13-1		ND		0.0049	0.0014	ND		0.0041	0.0012	ND		0.0046	0.0013	ND		0.0052	0.0015	ND		0.0042	0.0012
n-Propylbenzene	103-65-1	3.9	ND		0.0012	0.00021	0.00029	J	0.001	0.00017	ND		0.0012	0.0002	ND		0.0013	0.00022	ND		0.001	0.00018
1,2,3-Trichlorobenzene	87-61-6		ND		0.0024	0.00039	ND		0.002	0.00033	ND		0.0023	0.00037	ND		0.0026	0.00042	ND		0.0021	0.00034
1,2,4-Trichlorobenzene	120-82-1		ND		0.0024	0.00033	ND		0.002	0.00028	ND		0.0023	0.00031	ND		0.0026	0.00035	ND		0.0021	0.00029
1,3,5-Trimethylbenzene	108-67-8	8.4	ND		0.0024	0.00024	0.00057	J	0.002	0.0002	ND		0.0023	0.00022	ND		0.0026	0.00025	ND		0.0021	0.0002
1,2,4-Trimethylbenzene	95-63-6	3.6	ND		0.0024	0.00041	0.0016	J	0.002	0.00034	ND		0.0023	0.00038	ND		0.0026	0.00043	ND		0.0021	0.00035
1,4-Dioxane	123-91-1	0.1	ND		0.097	0.043	ND		0.082	0.036	ND		0.092	0.04	ND		0.1	0.045	ND		0.084	0.037
p-Diethylbenzene	105-05-5		ND		0.0024	0.00022	ND		0.002	0.00018	ND		0.0023	0.0002	ND		0.0026	0.00023	ND		0.0021	0.00019
p-Ethyltoluene	622-96-8		ND		0.0024	0.00047	0.0014	J	0.002	0.00039	ND		0.0023	0.00044	ND		0.0026	0.0005	ND		0.0021	0.0004
1,2,4,5-Tetramethylbenzene	95-93-2		ND		0.0024	0.00023	ND		0.002	0.00019	ND		0.0023	0.00022	ND		0.0026	0.00025	ND		0.0021	0.0002
Ethyl ether	60-29-7		ND		0.0024	0.00042	ND		0.002	0.00035	ND		0.0023	0.00039	ND		0.0026	0.00044	ND		0.0021	0.00036
trans-1,4-Dichloro-2-butene	110-57-6		ND		0.0061	0.0017	ND		0.0051	0.0014	ND		0.0058	0.0016	ND		0.0064	0.0018	ND		0.0053	0.0015
Total VOCs			0.0018	-	-	-	0.00579	-	-	-	0.001	-	-	-	0.00226	-	-	-	0.00086	-	-	-
TOTAL METALS																						
Aluminum, Total	7429-90-5		4810		8.29	2.24	5800		8.56	2.31	2430		8.5	2.29	1470		8.27	2.23	3650		8.14	2.2
Antimony, Total	7440-36-0		ND		4.15	0.315	ND		4.28	0.325	ND		4.25	0.323	ND		4.13	0.314	ND		4.07	0.309
Arsenic, Total	7440-38-2	13	0.846		0.829	0.172	2.63		0.856	0.178	1.66		0.85	0.177	0.496	J	0.827	0.172	1.32		0.814	0.169
Barium, Total	7440-39-3	350	39.2		0.829	0.144	58.5		0.856	0.149	22.6		0.85	0.148	28.5		0.827	0.144	31.7		0.814	0.142
Beryllium, Total	7440-41-7	7.2	0.141	J	0.415	0.027	0.188	J	0.428	0.028	0.094	J	0.425	0.028	0.05	J	0.413	0.027	0.106	J	0.407	0.027
Cadmium, Total	7440-43-9	2.5	0.091	J	0.829	0.081	0.222	J	0.856	0.084	0.11	J	0.85	0.083	ND		0.827	0.081	0.122	J	0.814	0.08
Calcium, Total	7440-70-2		4130		8.29	2.9	14100		8.56	2.99	27200		8.5	2.97	31000		8.27	2.89	17000		8.14	2.85
Chromium, Total	7440-47-3		11.8		0.829	0.08	13.1		0.856	0.082	5.09		0.85	0.082	7.69		0.827	0.079	9.38		0.814	0.078
Cobalt, Total	7440-48-4		5.27		1.66	0.138	5.93		1.71	0.142	3.68		1.7	0.141	3.6		1.65	0.137	4.59		1.63	0.135
Copper, Total	7440-50-8	50	17.9		0.829	0.214	22.5		0.856	0.221	10		0.85	0.219	7.92		0.827	0.213	15.8		0.814	0.21
Iron, Total	7439-89-6		10600		4.15	0.749	13100		4.28	0.773	7520		4.25	0.767	8020		4.13	0.747	9830		4.07	0.735
Lead, Total	7439-92-1	63	9.55		4.15	0.222	**63.8**		4.28	0.229	15.8		4.25	0.228	2.28	J	4.13	0.222	24.3		4.07	0.218
Magnesium, Total	7439-95-4		5050		8.29	1.28	9250		8.56	1.32	15500		8.5	1.31	16400		8.27	1.27	9500		8.14	1.25
Manganese, Total	7439-96-5	1600	169		0.829	0.132	333		0.856	0.136	111		0.85	0.135	160		0.827	0.131	157		0.814	0.129
Mercury, Total	7439-97-6	0.18	ND		0.078	0.051	0.139		0.07	0.045	ND		0.069	0.045	ND		0.072	0.047	0.082		0.067	0.044
Nickel, Total	7440-02-0	30	8.22		2.07	0.201	10.1		2.14	0.207	5.21		2.12	0.206	5.03		2.07	0.2	7.2		2.03	0.197
Potassium, Total	7440-09-7		1190		207	11.9	1240		214	12.3	832		212	12.2	537		207	11.9	997		203	11.7
Selenium, Total	7782-49-2	3.9	0.224	J	1.66	0.214	0.411	J	1.71	0.221	0.289	J	1.7	0.219	ND		1.65	0.213	0.212	J	1.63	0.21
Silver, Total	7440-22-4	2	ND		0.829	0.235	ND		0.856	0.242	ND		0.85	0.24	ND		0.827	0.234	ND		0.814	0.23
Sodium, Total	7440-23-5		335		166	2.61	227		171	2.7	40.6	J	170	2.68	49.3	J	165	2.6	52.3	J	163	2.56

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-25B (10.5-11)				RA-25C (10.5-11)				RA-27A (11-11.5)				RA-28 (14.5-15)				RA-28A (10.5-11)			
		LAB ID:	L2211059-04				L2211059-05				L2211059-06				L2211760-03				L2211059-07			
		COLLECTION DATE:	3/2/2022				3/2/2022				3/2/2022				3/7/2022				3/2/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																				
		(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																						
Thallium, Total	7440-28-0		ND		1.66	0.261	ND		1.71	0.27	ND		1.7	0.268	ND		1.65	0.26	ND		1.63	0.256
Vanadium, Total	7440-62-2		17.2		0.829	0.168	18.7		0.856	0.174	8.22		0.85	0.172	10.8		0.827	0.168	12.9		0.814	0.165
Zinc, Total	7440-66-6	109	24.6		4.15	0.243	64.3		4.28	0.251	21.3		4.25	0.249	11.4		4.13	0.242	34.5		4.07	0.238
GENERAL CHEMISTRY																						
Solids, Total	NONE		92.9		0.1	NA	93.2		0.1	NA	91.3		0.1	NA	95.6		0.1	NA	93.5		0.1	NA
Cyanide, Total	57-12-5	27	ND		1	0.22	ND		1	0.21	ND		1	0.21	ND		1	0.21	ND		1	0.21

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	2030205-04				2030205-05				2030205-06				2030404-03				2030205-07			
		SAMPLE ID:	RA-25B (10.5-11)				RA-25C (10.5-11)				RA-27A (11-11.5)				RA-28 (14.5-15)				RA-28A (10.5-11)			
		COLLECTION DATE:	03/02/2022 14:55				03/02/2022 15:30				03/02/2022 15:45				03/07/2022 12:30				03/02/2022 15:05			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil				Soil			
		NY-UNRES																				
		(mg/kg)																				
Compound	**CAS#**																					
General Chemistry (%)			Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO
Percent Solids	PERSOL		**96.2**				**92.6**				**95.3**				**98**				**94.8**			
PCBs (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
Aroclor-1016	12674-11-2		0.0046	U	0.0046	0.0343	0.00478	U	0.00478	0.0356	0.00464	U	0.00464	0.0346	0.00452	U	0.00452	0.0337	0.00467	U	0.00467	0.0348
Aroclor-1221	11104-28-2		0.00905	U	0.00905	0.0343	0.0094	U	0.0094	0.0356	0.00913	U	0.00913	0.0346	0.00888	U	0.00888	0.0337	0.00918	U	0.00918	0.0348
Aroclor-1232	11141-16-5		0.0115	U	0.0115	0.0343	0.012	U	0.012	0.0356	0.0116	U	0.0116	0.0346	0.0113	U	0.0113	0.0337	0.0117	U	0.0117	0.0348
Aroclor-1242	53469-21-9		0.00674	U	0.00674	0.0343	0.007	U	0.007	0.0356	0.0068	U	0.0068	0.0346	0.00662	U	0.00662	0.0337	0.00684	U	0.00684	0.0348
Aroclor-1248	12672-29-6		0.00705	U	0.00705	0.0343	0.00732	U	0.00732	0.0356	0.00711	U	0.00711	0.0346	0.00692	U	0.00692	0.0337	0.00716	U	0.00716	0.0348
Aroclor-1254	11097-69-1		0.00554	U	0.00554	0.0343	0.00575	U	0.00575	0.0356	0.00559	U	0.00559	0.0346	0.00544	U	0.00544	0.0337	0.00562	U	0.00562	0.0348
Aroclor-1260	11096-82-5		0.0043	U	0.0043	0.0343	0.00446	U	0.00446	0.0356	0.00433	U	0.00433	0.0346	0.00422	U	0.00422	0.0337	0.00436	U	0.00436	0.0348
Aroclor-1262	37324-23-5		0.00923	U	0.00923	0.0343	0.00959	U	0.00959	0.0356	0.00931	U	0.00931	0.0346	0.00906	U	0.00906	0.0337	0.00937	U	0.00937	0.0348
Aroclor-1268	11100-14-4		0.00415	U	0.00415	0.0343	0.00431	U	0.00431	0.0356	0.00419	U	0.00419	0.0346	0.00407	U	0.00407	0.0337	0.00421	U	0.00421	0.0348
Total PCBs	1336-36-3	0.1	0.0032	U	0.0032	0.0343	0.00333	U	0.00333	0.0356	0.00323	U	0.00323	0.0346	0.00314	U	0.00314	0.0337	0.00325	U	0.00325	0.0348
Pesticides (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	72-54-8	0.0033	0.000618	U	0.000618	0.00135	0.000642	U	0.000642	0.0014	0.000624	U	0.000624	0.00136	0.000607	U	0.000607	0.00133	0.000628	U	0.000628	0.00137
4,4'-DDE	72-55-9	0.0033	0.000739	U	0.000739	0.00135	**0.00259**		0.000768	0.0014	0.000746	U	0.000746	0.00136	0.000726	U	0.000726	0.00133	0.00075	U	0.00075	0.00137
4,4'-DDT	50-29-3	0.0033	0.000954	U	0.000954	0.00135	**0.00377**		0.000991	0.0014	0.000963	U	0.000963	0.00136	0.000937	U	0.000937	0.00133	0.000968	U	0.000968	0.00137
Aldrin	309-00-2	0.005	0.00064	U	0.00064	0.00135	0.000665	U	0.000665	0.0014	0.000646	U	0.000646	0.00136	0.000629	U	0.000629	0.00133	0.00065	U	0.00065	0.00137
alpha-BHC	319-84-6	0.02	0.000402	U	0.000402	0.00135	0.000418	U	0.000418	0.0014	0.000406	U	0.000406	0.00136	0.000395	U	0.000395	0.00133	0.000408	U	0.000408	0.00137
alpha-Chlordane (cis)	5103-71-9		0.000862	U	0.000862	0.00135	**0.00177**		0.000895	0.0014	0.000869	U	0.000869	0.00136	0.000846	U	0.000846	0.00133	0.000874	U	0.000874	0.00137
beta-BHC	319-85-7	0.036	0.000646	U	0.000646	0.00135	0.000671	U	0.000671	0.0014	0.000651	U	0.000651	0.00136	0.000634	U	0.000634	0.00133	0.000655	U	0.000655	0.00137
Chlordane	57-74-9		0.000601	U	0.000601	0.00135	**0.00294**		0.000624	0.0014	**0.00086**	J	0.000606	0.00136	0.00059	U	0.00059	0.00133	0.00061	U	0.00061	0.00137
delta-BHC	319-86-8	0.04	0.000628	U	0.000628	0.00135	0.000652	U	0.000652	0.0014	0.000634	U	0.000634	0.00136	0.000616	U	0.000616	0.00133	0.000637	U	0.000637	0.00137
Dieldrin	60-57-1	0.005	0.000707	U	0.000707	0.00135	0.000734	U	0.000734	0.0014	0.000713	U	0.000713	0.00136	0.000694	U	0.000694	0.00133	0.000717	U	0.000717	0.00137
Endosulfan I	959-98-8	2.4	0.000638	U	0.000638	0.00135	0.000663	U	0.000663	0.0014	0.000644	U	0.000644	0.00136	0.000627	U	0.000627	0.00133	0.000648	U	0.000648	0.00137
Endosulfan II	33213-65-9	2.4	0.000614	U	0.000614	0.00135	0.000638	U	0.000638	0.0014	0.00062	U	0.00062	0.00136	0.000603	U	0.000603	0.00133	0.000623	U	0.000623	0.00137
Endosulfan sulfate	1031-07-8	2.4	0.000508	U	0.000508	0.00135	0.000528	U	0.000528	0.0014	0.000513	U	0.000513	0.00136	0.000499	U	0.000499	0.00133	0.000516	U	0.000516	0.00137
Endosulfans, Total (alpha and beta)	115-29-7		0.000614	U	0.000614	0.00135	0.000638	U	0.000638	0.0014	0.00062	U	0.00062	0.00136	0.000603	U	0.000603	0.00133	0.000623	U	0.000623	0.00137
Endrin	72-20-8	0.014	0.000467	U	0.000467	0.00135	0.000485	U	0.000485	0.0014	0.000471	U	0.000471	0.00136	0.000458	U	0.000458	0.00133	0.000474	U	0.000474	0.00137
Endrin aldehyde	7421-93-4		0.000538	U	0.000538	0.00135	0.000559	U	0.000559	0.0014	0.000543	U	0.000543	0.00136	0.000529	U	0.000529	0.00133	0.000546	U	0.000546	0.00137
Endrin ketone	53494-70-5		0.000476	U	0.000476	0.00135	0.000495	U	0.000495	0.0014	0.00048	U	0.00048	0.00136	0.000467	U	0.000467	0.00133	0.000483	U	0.000483	0.00137
gamma-BHC (Lindane)	58-89-9	0.1	0.000428	U	0.000428	0.00135	0.000445	U	0.000445	0.0014	0.000432	U	0.000432	0.00136	0.00042	U	0.00042	0.00133	0.000435	U	0.000435	0.00137
gamma-Chlordane	5566-34-7		0.000601	U	0.000601	0.00135	**0.00114**	J	0.000624	0.0014	0.000606	U	0.000606	0.00136	0.00059	U	0.00059	0.00133	0.00061	U	0.00061	0.00137
Heptachlor	76-44-8	0.042	0.000362	U	0.000362	0.00135	0.000376	U	0.000376	0.0014	0.000365	U	0.000365	0.00136	0.000355	U	0.000355	0.00133	0.000367	U	0.000367	0.00137
Heptachlor Epoxide	1024-57-3		0.000682	U	0.000682	0.00135	0.000708	U	0.000708	0.0014	0.000688	U	0.000688	0.00136	0.00067	U	0.00067	0.00133	0.000692	U	0.000692	0.00137
Methoxychlor	72-43-5		0.000396	U	0.000396	0.00135	0.000411	U	0.000411	0.0014	0.0004	U	0.0004	0.00136	0.000389	U	0.000389	0.00133	0.000402	U	0.000402	0.00137
Toxaphene	8001-35-2		0.0651	U	0.0651	0.0686	0.0676	U	0.0676	0.0713	0.0657	U	0.0657	0.0692	0.0639	U	0.0639	0.0674	0.0661	U	0.0661	0.0696
Semivolatile Organics - GC/MS (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
1,2,4,5-Tetrachlorobenzene	95-94-3		0.021	U	0.021	0.138	0.0218	U	0.0218	0.144	0.0212	U	0.0212	0.139	0.0206	U	0.0206	0.136	0.0213	U	0.0213	0.14
1,2,4-Trichlorobenzene	120-82-1		0.0142	U	0.0142	0.138	0.0148	U	0.0148	0.144	0.0144	U	0.0144	0.139	0.014	U	0.014	0.136	0.0145	U	0.0145	0.14
1,2-Dichlorobenzene	95-50-1	1.1	0.0259	U	0.0259	0.138	0.0269	U	0.0269	0.144	0.0261	U	0.0261	0.139	0.0254	U	0.0254	0.136	0.0263	U	0.0263	0.14
1,3-Dichlorobenzene	541-73-1	2.4	0.0179	U	0.0179	0.138	0.0186	U	0.0186	0.144	0.018	U	0.018	0.139	0.0176	U	0.0176	0.136	0.0181	U	0.0181	0.14
1,4-Dichlorobenzene	106-46-7	1.8	0.0176	U	0.0176	0.138	0.0182	U	0.0182	0.144	0.0177	U	0.0177	0.139	0.0172	U	0.0172	0.136	0.0178	U	0.0178	0.14
1,4-Dioxane	123-91-1	0.1	0.00391	U	0.00391	0.0346	0.00406	U	0.00406	0.036	0.00394	U	0.00394	0.0349	0.00384	U	0.00384	0.034	0.00397	U	0.00397	0.0351
2,4,5-Trichlorophenol	95-95-4		0.0188	U	0.0188	0.138	0.0195	U	0.0195	0.144	0.019	U	0.019	0.139	0.0185	U	0.0185	0.136	0.0191	U	0.0191	0.14
2,4,6-Trichlorophenol	88-06-2		0.00866	U	0.00866	0.138	0.00899	U	0.00899	0.144	0.00874	U	0.00874	0.139	0.0085	U	0.0085	0.136	0.00879	U	0.00879	0.14
2,4-Dichlorophenol	120-83-2		0.0139	U	0.0139	0.138	0.0145	U	0.0145	0.144	0.0141	U	0.0141	0.139	0.0137	U	0.0137	0.136	0.0141	U	0.0141	0.14
2,4-Dimethylphenol	105-67-9		0.0136	U	0.0136	0.138	0.0141	U	0.0141	0.144	0.0137	U	0.0137	0.139	0.0134	U	0.0134	0.136	0.0138	U	0.0138	0.14
2,4-Dinitrophenol	51-28-5		0.02	U	0.02	0.693	0.0207	U	0.0207	0.72	0.0201	U	0.0201	0.7	0.0196	U	0.0196	0.681	0.0203	U	0.0203	0.704
2,4-Dinitrotoluene	121-14-2		0.0148	U	0.0148	0.138	0.0153	U	0.0153	0.144	0.0149	U	0.0149	0.139	0.0145	U	0.0145	0.136	0.015	U	0.015	0.14
2,6-Dinitrotoluene	606-20-2		0.0331	U	0.0331	0.138	0.0343	U	0.0343	0.144	0.0334	U	0.0334	0.139	0.0325	U	0.0325	0.136	0.0335	U	0.0335	0.14
2-Chloronaphthalene	91-58-7		0.0159	U	0.0159	0.138	0.0165	U	0.0165	0.144	0.016	U	0.016	0.139	0.0156	U	0.0156	0.136	0.0161	U	0.0161	0.14
2-Chlorophenol	95-57-8		0.0183	U	0.0183	0.138	0.019	U	0.019	0.144	0.0185	U	0.0185	0.139	0.018	U	0.018	0.136	0.0186	U	0.0186	0.14
2-Methylnaphthalene	91-57-6		0.0332	U	0.0332	0.208	0.0344	U	0.0344	0.216	0.0335	U	0.0335	0.21	0.0326	U	0.0326	0.204	0.0337	U	0.0337	0.211
2-Methylphenol	95-48-7	0.33	0.0273	U	0.0273	0.138	0.0284	U	0.0284	0.144	0.0276	U	0.0276	0.139	0.0268	U	0.0268	0.136	0.0277	U	0.0277	0.14
2-Nitroaniline	88-74-4		0.0111	U	0.0111	0.138	0.0116	U	0.0116	0.144	0.0112	U	0.0112	0.139	0.0109	U	0.0109	0.136	0.0113	U	0.0113	0.14
2-Nitrophenol	88-75-5		0.0154	U	0.0154	0.138	0.016	U	0.016	0.144	0.0155	U	0.0155	0.139	0.0151	U	0.0151	0.136	0.0156	U	0.0156	0.14
3,3'-Dichlorobenzidine	91-94-1		0.0146	U	0.0146	0.138	0.0151	U	0.0151	0.144	0.0147	U	0.0147	0.139	0.0143	U	0.0143	0.136	0.0148	U	0.0148	0.14
3+4-Methylphenol	65794-96-9	0.33	0.0254	U	0.0254	0.138	0.0263	U	0.0263	0.144	0.0256	U	0.0256	0.139	0.0249	U	0.0249	0.136	0.0257	U	0.0257	0.14

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	2030205-04				2030205-05				2030205-06				2030404-03				2030205-07			
		SAMPLE ID:	RA-25B (10.5-11)				RA-25C (10.5-11)				RA-27A (11-11.5)				RA-28 (14.5-15)				RA-28A (10.5-11)			
		COLLECTION DATE:	03/02/2022 14:55				03/02/2022 15:30				03/02/2022 15:45				03/07/2022 12:30				03/02/2022 15:05			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil				Soil			
		NY-UNRES																				
Semivolatile Organics - GC/MS (mg/kg)																						
3-Nitroaniline	99-09-2		0.0257	U	0.0257	0.138	0.0267	U	0.0267	0.144	0.0259	U	0.0259	0.139	0.0252	U	0.0252	0.136	0.0261	U	0.0261	0.14
4,6-Dinitro-2-methylphenol	534-52-1		0.0261	U	0.0261	0.346	0.0271	U	0.0271	0.36	0.0263	U	0.0263	0.349	0.0256	U	0.0256	0.34	0.0265	U	0.0265	0.351
4-Bromophenyl-phenyl ether	101-55-3		0.0197	U	0.0197	0.138	0.0205	U	0.0205	0.144	0.0199	U	0.0199	0.139	0.0194	U	0.0194	0.136	0.02	U	0.02	0.14
4-Chloro-3-methylphenol	59-50-7		0.0218	U	0.0218	0.138	0.0227	U	0.0227	0.144	0.022	U	0.022	0.139	0.0214	U	0.0214	0.136	0.0222	U	0.0222	0.14
4-Chloroaniline	106-47-8		0.00484	U	0.00484	0.138	0.00503	U	0.00503	0.144	0.00489	U	0.00489	0.139	0.00476	U	0.00476	0.136	0.00492	U	0.00492	0.14
4-Chlorophenyl phenyl ether	7005-72-3		0.00747	U	0.00747	0.138	0.00776	U	0.00776	0.144	0.00754	U	0.00754	0.139	0.00734	U	0.00734	0.136	0.00758	U	0.00758	0.14
4-Nitroaniline	100-01-6		0.0692	U	0.0692	0.138	0.0719	U	0.0719	0.144	0.0699	U	0.0699	0.139	0.068	U	0.068	0.136	0.0703	U	0.0703	0.14
4-Nitrophenol	100-02-7		0.00886	U	0.00886	0.138	0.0092	U	0.0092	0.144	0.00894	U	0.00894	0.139	0.0087	U	0.0087	0.136	0.00899	U	0.00899	0.14
Acenaphthene	83-32-9	20	0.00789	U	0.00789	0.138	**0.0254**	J	0.0082	0.144	0.00796	U	0.00796	0.139	0.00775	U	0.00775	0.136	**0.0453**	J	0.00801	0.14
Acenaphthylene	208-96-8	100	0.00481	U	0.00481	0.138	**0.0415**	J	0.005	0.144	**0.0565**	J	0.00486	0.139	0.00473	U	0.00473	0.136	**0.0497**	J	0.00488	0.14
Acetophenone	98-86-2		0.0137	U	0.0137	0.138	0.0143	U	0.0143	0.144	0.0138	U	0.0138	0.139	0.0135	U	0.0135	0.136	0.0139	U	0.0139	0.14
Anthracene	120-12-7	100	**0.0382**	J	0.0201	0.138	**0.0788**	J	0.0208	0.144	0.0202	U	0.0202	0.139	0.0197	U	0.0197	0.136	**0.101**	J	0.0204	0.14
Benzo(a)anthracene	56-55-3	1	**0.0338**	J	0.0139	0.138	**0.316**		0.0145	0.144	**0.103**	J	0.0141	0.139	0.0137	U	0.0137	0.136	**0.324**		0.0141	0.14
Benzo(a)pyrene	50-32-8	1	**0.0314**	J	0.0241	0.138	**0.319**		0.025	0.144	**0.12**	J	0.0243	0.139	0.0237	U	0.0237	0.136	**0.306**		0.0245	0.14
Benzo(b)fluoranthene	205-99-2	1	**0.0437**	J	0.0194	0.138	**0.483**		0.0202	0.144	**0.155**		0.0196	0.139	0.0191	U	0.0191	0.136	**0.411**		0.0197	0.14
Benzo(g,h,i)perylene	191-24-2	100	**0.0255**	J	0.0112	0.138	**0.275**		0.0117	0.144	**0.126**	J	0.0113	0.139	0.011	U	0.011	0.136	**0.22**		0.0114	0.14
Benzo(k)fluoranthene	207-08-9	0.8	0.0159	U	0.0159	0.138	**0.158**		0.0165	0.144	**0.0702**	J	0.016	0.139	0.0156	U	0.0156	0.136	**0.158**		0.0161	0.14
Benzoic acid	65-85-0		0.16	U	0.16	0.346	0.167	U	0.167	0.36	0.162	U	0.162	0.349	0.157	U	0.157	0.34	0.163	U	0.163	0.351
Benzyl alcohol	100-51-6		0.031	U	0.031	0.138	0.0322	U	0.0322	0.144	0.0313	U	0.0313	0.139	0.0304	U	0.0304	0.136	0.0314	U	0.0314	0.14
Biphenyl	92-52-4		0.0122	U	0.0122	0.138	0.0126	U	0.0126	0.144	0.0123	U	0.0123	0.139	0.0119	U	0.0119	0.136	0.0123	U	0.0123	0.14
bis(2-chloroethoxy)methane	111-91-1		0.0191	U	0.0191	0.138	0.0199	U	0.0199	0.144	0.0193	U	0.0193	0.139	0.0188	U	0.0188	0.136	0.0194	U	0.0194	0.14
bis(2-chloroethyl)ether	111-44-4		0.0152	U	0.0152	0.138	0.0158	U	0.0158	0.144	0.0153	U	0.0153	0.139	0.0149	U	0.0149	0.136	0.0154	U	0.0154	0.14
bis(2-chloroisopropyl)ether	108-60-1		0.0498	U	0.0498	0.138	0.0517	U	0.0517	0.144	0.0502	U	0.0502	0.139	0.0489	U	0.0489	0.136	0.0505	U	0.0505	0.14
bis(2-ethylhexyl)phthalate	117-81-7		0.0276	U	0.0276	0.138	0.0287	U	0.0287	0.144	0.0279	U	0.0279	0.139	0.0271	U	0.0271	0.136	0.0281	U	0.0281	0.14
Butylbenzylphthalate	85-68-7		0.0126	U	0.0126	0.138	0.0131	U	0.0131	0.144	0.0127	U	0.0127	0.139	0.0123	U	0.0123	0.136	0.0128	U	0.0128	0.14
Carbazole	86-74-8		0.0266	U	0.0266	0.346	**0.0411**	J	0.0276	0.36	0.0269	U	0.0269	0.349	0.0261	U	0.0261	0.34	**0.0437**	J	0.027	0.351
Chrysene	218-01-9	1	**0.0373**	J	0.00948	0.138	**0.386**		0.00985	0.144	**0.114**	J	0.00957	0.139	0.00931	U	0.00931	0.136	**0.374**		0.00962	0.14
Dibenzo(a,h)anthracene	53-70-3	0.33	0.0137	U	0.0137	0.138	**0.0736**	J	0.0143	0.144	**0.0327**	J	0.0138	0.139	0.0135	U	0.0135	0.136	**0.0529**	J	0.0139	0.14
Dibenzofuran	132-64-9	7	0.00824	U	0.00824	0.138	0.00856	U	0.00856	0.144	0.00832	U	0.00832	0.139	0.00809	U	0.00809	0.136	**0.026**	J	0.00837	0.14
Diethylphthalate	84-66-2		**0.0524**	J	0.0268	0.138	0.0279	U	0.0279	0.144	0.0271	U	0.0271	0.139	0.0263	U	0.0263	0.136	0.0272	U	0.0272	0.14
Dimethylphthalate	131-11-3		**0.0431**	J	0.00859	0.138	0.00892	U	0.00892	0.144	0.00866	U	0.00866	0.139	0.00843	U	0.00843	0.136	0.00871	U	0.00871	0.14
Di-n-butylphthalate	84-74-2		0.0565	U	0.0565	0.138	0.0587	U	0.0587	0.144	0.0571	U	0.0571	0.139	0.0555	U	0.0555	0.136	0.0574	U	0.0574	0.14
Di-n-octylphthalate	117-84-0		0.0284	U	0.0284	0.138	0.0295	U	0.0295	0.144	0.0286	U	0.0286	0.139	0.0279	U	0.0279	0.136	0.0288	U	0.0288	0.14
Fluoranthene	206-44-0	100	**0.0656**	J	0.013	0.138	**0.672**		0.0135	0.144	**0.156**		0.0131	0.139	**0.0320**	J	0.0128	0.136	**0.728**		0.0132	0.14
Fluorene	86-73-7	30	0.0115	U	0.0115	0.138	0.012	U	0.012	0.144	0.0116	U	0.0116	0.139	0.0113	U	0.0113	0.136	**0.0308**	J	0.0117	0.14
Hexachlorobenzene	118-74-1	0.33	0.0181	U	0.0181	0.138	0.0188	U	0.0188	0.144	0.0182	U	0.0182	0.139	0.0178	U	0.0178	0.136	0.0184	U	0.0184	0.14
Hexachlorobutadiene	87-68-3		0.0664	U	0.0664	0.138	0.069	U	0.069	0.144	0.067	U	0.067	0.139	0.0652	U	0.0652	0.136	0.0674	U	0.0674	0.14
Hexachlorocyclopentadiene	77-47-4		0.0577	U	0.0577	0.346	0.0599	U	0.0599	0.36	0.0582	U	0.0582	0.349	0.0566	U	0.0566	0.34	0.0585	U	0.0585	0.351
Hexachloroethane	67-72-1		0.0152	U	0.0152	0.138	0.0158	U	0.0158	0.144	0.0153	U	0.0153	0.139	0.0149	U	0.0149	0.136	0.0154	U	0.0154	0.14
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	**0.0265**	J	0.0149	0.138	**0.211**		0.0154	0.144	**0.0896**	J	0.015	0.139	0.0146	U	0.0146	0.136	**0.179**		0.0151	0.14
Isophorone	78-59-1		0.00906	U	0.00906	0.138	0.00942	U	0.00942	0.144	0.00915	U	0.00915	0.139	0.0089	U	0.0089	0.136	0.0092	U	0.0092	0.14
Naphthalene	91-20-3	12	0.0102	U	0.0102	0.138	0.0106	U	0.0106	0.144	0.0103	U	0.0103	0.139	0.0101	U	0.0101	0.136	0.0104	U	0.0104	0.14
Nitrobenzene	98-95-3		0.0235	U	0.0235	0.138	0.0244	U	0.0244	0.144	0.0237	U	0.0237	0.139	0.0231	U	0.0231	0.136	0.0238	U	0.0238	0.14
n-Nitroso-di-n-propylamine	621-64-7		0.00741	U	0.00741	0.138	0.0077	U	0.0077	0.144	0.00748	U	0.00748	0.139	0.00728	U	0.00728	0.136	0.00752	U	0.00752	0.14
n-Nitrosodiphenylamine	86-30-6		0.0295	U	0.0295	0.138	0.0307	U	0.0307	0.144	0.0298	U	0.0298	0.139	0.029	U	0.029	0.136	0.03	U	0.03	0.14
Pentachlorophenol	87-86-5	0.8	0.019	U	0.019	0.346	0.0198	U	0.0198	0.36	0.0192	U	0.0192	0.349	0.0187	U	0.0187	0.34	0.0193	U	0.0193	0.351
Phenanthrene	85-01-8	100	**0.052**	J	0.0182	0.138	**0.339**		0.0189	0.144	**0.0587**	J	0.0184	0.139	**0.0506**	J	0.0179	0.136	**0.621**		0.0185	0.14
Phenol	108-95-2	0.33	0.0112	U	0.0112	0.138	0.0117	U	0.0117	0.144	0.0113	U	0.0113	0.139	0.011	U	0.011	0.136	0.0114	U	0.0114	0.14
Pyrene	129-00-0	100	**0.0555**	J	0.0102	0.138	**0.55**		0.0106	0.144	**0.138**	J	0.0103	0.139	**0.0291**	J	0.00999	0.136	**0.642**		0.0103	0.14

Qualifiers:
U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Eight Walkup Drive, Westborough, MA 01581-1019
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Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-29 (14.5-15)				RA-29A (10.5-11)				RA-29B (10.5-11)				RA-30 (9-9.5)				RA-32 (8.5-9)			
		LAB ID:	L2211760-02				L2211334-04				L2211760-01				L2211334-03				L2210455-01			
		COLLECTION DATE:	3/7/2022				3/3/2022				3/7/2022				3/3/2022				2/28/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																				
ANALYTE	CAS	(mg/kg)	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	ND		0.0063	0.0029	ND		0.0054	0.0025	ND		0.0058	0.0027	ND		0.007	0.003	ND		0.0056	0.0026
1,1-Dichloroethane	75-34-3	0.27	ND		0.0013	0.00018	ND		0.0011	0.00016	ND		0.0012	0.00017	ND		0.001	2E-04	ND		0.0011	0.00016
Chloroform	67-66-3	0.37	ND		0.0019	0.00018	ND		0.0016	0.00015	ND		0.0018	0.00016	ND		0.002	2E-04	ND		0.0017	0.00016
Carbon tetrachloride	56-23-5	0.76	ND		0.0013	0.00029	ND		0.0011	0.00025	ND		0.0012	0.00027	ND		0.001	3E-04	ND		0.0011	0.00026
1,2-Dichloropropane	78-87-5		ND		0.0013	0.00016	ND		0.0011	0.00013	ND		0.0012	0.00015	ND		0.001	2E-04	ND		0.0011	0.00014
Dibromochloromethane	124-48-1		ND		0.0013	0.00018	ND		0.0011	0.00015	ND		0.0012	0.00016	ND		0.001	2E-04	ND		0.0011	0.00016
1,1,2-Trichloroethane	79-00-5		ND		0.0013	0.00034	ND		0.0011	0.00029	ND		0.0012	0.00031	ND		0.001	4E-04	ND		0.0011	0.0003
Tetrachloroethene	127-18-4	1.3	ND		0.00063	0.00025	ND		0.00054	0.00021	ND		0.00058	0.00023	ND		7E-04	3E-04	ND		0.00056	0.00022
Chlorobenzene	108-90-7	1.1	ND		0.00063	0.00016	ND		0.00054	0.00014	ND		0.00058	0.00015	ND		7E-04	2E-04	ND		0.00056	0.00014
Trichlorofluoromethane	75-69-4		ND		0.005	0.00088	ND		0.0043	0.00075	ND		0.0047	0.00081	ND		0.006	1E-03	ND		0.0045	0.00078
1,2-Dichloroethane	107-06-2	0.02	ND		0.0013	0.00032	ND		0.0011	0.00028	ND		0.0012	0.0003	ND		0.001	4E-04	ND		0.0011	0.00029
1,1,1-Trichloroethane	71-55-6	0.68	ND		0.00063	0.00021	ND		0.00054	0.00018	ND		0.00058	0.0002	ND		7E-04	2E-04	ND		0.00056	0.00019
Bromodichloromethane	75-27-4		ND		0.00063	0.00014	ND		0.00054	0.00012	ND		0.00058	0.00013	ND		7E-04	2E-04	ND		0.00056	0.00012
trans-1,3-Dichloropropene	10061-02-6		ND		0.0013	0.00034	ND		0.0011	0.00029	ND		0.0012	0.00032	ND		0.001	4E-04	ND		0.0011	0.00031
cis-1,3-Dichloropropene	10061-01-5		ND		0.00063	0.0002	ND		0.00054	0.00017	ND		0.00058	0.00018	ND		7E-04	2E-04	ND		0.00056	0.00018
1,3-Dichloropropene, Total	542-75-6		ND		0.00063	0.0002	ND		0.00054	0.00017	ND		0.00058	0.00018	ND		7E-04	2E-04	ND		0.00056	0.00018
1,1-Dichloropropene	563-58-6		ND		0.00063	0.0002	ND		0.00054	0.00017	ND		0.00058	0.00018	ND		7E-04	2E-04	ND		0.00056	0.00018
Bromoform	75-25-2		ND		0.005	0.00031	ND		0.0043	0.00026	ND		0.0047	0.00029	ND		0.006	3E-04	ND		0.0045	0.00028
1,1,2,2-Tetrachloroethane	79-34-5		ND		0.00063	0.00021	ND		0.00054	0.00018	ND		0.00058	0.00019	ND		7E-04	2E-04	ND		0.00056	0.00019
Benzene	71-43-2	0.06	ND		0.00063	0.00021	ND		0.00054	0.00018	ND		0.00058	0.00019	ND		7E-04	2E-04	ND		0.00056	0.00019
Toluene	108-88-3	0.7	0.0023		0.0013	0.00068	0.00076	J	0.0011	0.00059	0.0021		0.0012	0.00063	0.001	J	0.001	8E-04	ND		0.0011	0.00061
Ethylbenzene	100-41-4	1	ND		0.0013	0.00018	ND		0.0011	0.00015	ND		0.0012	0.00016	ND		0.001	2E-04	ND		0.0011	0.00016
Chloromethane	74-87-3		ND		0.005	0.0012	ND		0.0043	0.001	ND		0.0047	0.0011	ND		0.006	0.001	ND		0.0045	0.001
Bromomethane	74-83-9		ND		0.0025	0.00073	ND		0.0022	0.00063	ND		0.0023	0.00068	ND		0.003	8E-04	ND		0.0022	0.00066
Vinyl chloride	75-01-4	0.02	ND		0.0013	0.00042	ND		0.0011	0.00036	ND		0.0012	0.00039	ND		0.001	5E-04	ND		0.0011	0.00038
Chloroethane	75-00-3		ND		0.0025	0.00057	ND		0.0022	0.00049	ND		0.0023	0.00053	ND		0.003	6E-04	ND		0.0022	0.00051
1,1-Dichloroethene	75-35-4	0.33	ND		0.0013	0.0003	ND		0.0011	0.00026	ND		0.0012	0.00028	ND		0.001	3E-04	ND		0.0011	0.00027
trans-1,2-Dichloroethene	156-60-5	0.19	ND		0.0019	0.00017	ND		0.0016	0.00015	ND		0.0018	0.00016	ND		0.002	2E-04	ND		0.0017	0.00015
Trichloroethene	79-01-6	0.47	ND		0.00063	0.00017	ND		0.00054	0.00015	ND		0.00058	0.00016	ND		7E-04	2E-04	ND		0.00056	0.00015
1,2-Dichlorobenzene	95-50-1	1.1	ND		0.0025	0.00018	ND		0.0022	0.00016	ND		0.0023	0.00017	ND		0.003	2E-04	ND		0.0022	0.00016
1,3-Dichlorobenzene	541-73-1	2.4	ND		0.0025	0.00019	ND		0.0022	0.00016	ND		0.0023	0.00017	ND		0.003	2E-04	ND		0.0022	0.00017
1,4-Dichlorobenzene	106-46-7	1.8	ND		0.0025	0.00022	ND		0.0022	0.00018	ND		0.0023	0.0002	ND		0.003	2E-04	ND		0.0022	0.00019
Methyl tert butyl ether	1634-04-4	0.93	ND		0.0025	0.00025	ND		0.0022	0.00022	ND		0.0023	0.00024	ND		0.003	3E-04	ND		0.0022	0.00023
p/m-Xylene	179601-23-1		ND		0.0025	0.00071	ND		0.0022	0.0006	ND		0.0023	0.00065	ND		0.003	8E-04	ND		0.0022	0.00063
o-Xylene	95-47-6		ND		0.0013	0.00037	ND		0.0011	0.00031	ND		0.0012	0.00034	ND		0.001	4E-04	ND		0.0011	0.00033
Xylenes, Total	1330-20-7	0.26	ND		0.0013	0.00037	ND		0.0011	0.00031	ND		0.0012	0.00034	ND		0.001	4E-04	ND		0.0011	0.00033
cis-1,2-Dichloroethene	156-59-2	0.25	ND		0.0013	0.00022	ND		0.0011	0.00019	ND		0.0012	0.0002	ND		0.001	2E-04	ND		0.0011	0.0002
1,2-Dichloroethene, Total	540-59-0		ND		0.0013	0.00017	ND		0.0011	0.00015	ND		0.0012	0.00016	ND		0.001	2E-04	ND		0.0011	0.00015
Dibromomethane	74-95-3		ND		0.0025	0.0003	ND		0.0022	0.00026	ND		0.0023	0.00028	ND		0.003	3E-04	ND		0.0022	0.00027
Styrene	100-42-5		0.00037	J	0.0013	0.00025	ND		0.0011	0.00021	0.0003	J	0.0012	0.00023	0.0003	J	0.001	3E-04	ND		0.0011	0.00022
Dichlorodifluoromethane	75-71-8		ND		0.013	0.0012	ND		0.011	0.00099	ND		0.012	0.0011	ND		0.014	0.001	ND		0.011	0.001
Acetone	67-64-1	0.05	ND		0.013	0.0061	0.0078	J	0.011	0.0052	ND		0.012	0.0056	ND		0.014	0.007	0.014		0.011	0.0054
Carbon disulfide	75-15-0		ND		0.013	0.0057	ND		0.011	0.0049	ND		0.012	0.0053	ND		0.014	0.006	ND		0.011	0.0051
2-Butanone	78-93-3	0.12	ND		0.013	0.0028	ND		0.011	0.0024	ND		0.012	0.0026	ND		0.014	0.003	ND		0.011	0.0025
Vinyl acetate	108-05-4		ND		0.013	0.0027	ND		0.011	0.0023	ND		0.012	0.0025	ND		0.014	0.003	ND		0.011	0.0024
4-Methyl-2-pentanone	108-10-1		ND		0.013	0.0016	ND		0.011	0.0014	ND		0.012	0.0015	ND		0.014	0.002	ND		0.011	0.0014
1,2,3-Trichloropropane	96-18-4		ND		0.0025	0.00016	ND		0.0022	0.00014	ND		0.0023	0.00015	ND		0.003	2E-04	ND		0.0022	0.00014
2-Hexanone	591-78-6		ND		0.013	0.0015	ND		0.011	0.0013	ND		0.012	0.0014	ND		0.014	0.002	ND		0.011	0.0013
Bromochloromethane	74-97-5		ND		0.0025	0.00026	ND		0.0022	0.00022	ND		0.0023	0.00024	ND		0.003	3E-04	ND		0.0022	0.00023
2,2-Dichloropropane	594-20-7		ND		0.0025	0.00025	ND		0.0022	0.00022	ND		0.0023	0.00024	ND		0.003	3E-04	ND		0.0022	0.00023

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	**RA-29 (14.5-15)**				**RA-29A (10.5-11)**				**RA-29B (10.5-11)**				**RA-30 (9-9.5)**				**RA-32 (8.5-9)**			
		LAB ID:	**L2211760-02**				**L2211334-04**				**L2211760-01**				**L2211334-03**				**L2210455-01**			
		COLLECTION DATE:	**3/7/2022**				**3/3/2022**				**3/7/2022**				**3/3/2022**				**2/28/2022**			
		SAMPLE MATRIX:	**SOIL**				**SOIL**				**SOIL**				**SOIL**				**SOIL**			
		NY-UNRES																				
		(mg/kg)	**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																						
1,2-Dibromoethane	106-93-4		ND		0.0013	0.00035	ND		0.0011	0.0003	ND		0.0012	0.00033	ND		0.001	4E-04	ND		0.0011	0.00032
1,3-Dichloropropane	142-28-9		ND		0.0025	0.00021	ND		0.0022	0.00018	ND		0.0023	0.0002	ND		0.003	2E-04	ND		0.0022	0.00019
1,1,1,2-Tetrachloroethane	630-20-6		ND		0.00063	0.00017	ND		0.00054	0.00014	ND		0.00058	0.00015	ND		7E-04	2E-04	ND		0.00056	0.00015
Bromobenzene	108-86-1		ND		0.0025	0.00018	ND		0.0022	0.00016	ND		0.0023	0.00017	ND		0.003	2E-04	ND		0.0022	0.00016
n-Butylbenzene	104-51-8	12	ND		0.0013	0.00021	ND		0.0011	0.00018	ND		0.0012	0.0002	ND		0.001	2E-04	ND		0.0011	0.00019
sec-Butylbenzene	135-98-8	11	ND		0.0013	0.00018	ND		0.0011	0.00016	ND		0.0012	0.00017	ND		0.001	2E-04	ND		0.0011	0.00016
tert-Butylbenzene	98-06-6	5.9	ND		0.0025	0.00015	ND		0.0022	0.00013	ND		0.0023	0.00014	ND		0.003	2E-04	ND		0.0022	0.00013
o-Chlorotoluene	95-49-8		ND		0.0025	0.00024	ND		0.0022	0.00021	ND		0.0023	0.00022	ND		0.003	3E-04	ND		0.0022	0.00022
p-Chlorotoluene	106-43-4		ND		0.0025	0.00014	ND		0.0022	0.00012	ND		0.0023	0.00013	ND		0.003	2E-04	ND		0.0022	0.00012
1,2-Dibromo-3-chloropropane	96-12-8		ND		0.0038	0.0012	ND		0.0032	0.0011	ND		0.0035	0.0012	ND		0.004	0.001	ND		0.0034	0.0011
Hexachlorobutadiene	87-68-3		ND		0.005	0.00021	ND		0.0043	0.00018	ND		0.0047	0.0002	ND		0.006	2E-04	ND		0.0045	0.00019
Isopropylbenzene	98-82-8		ND		0.0013	0.00014	ND		0.0011	0.00012	ND		0.0012	0.00013	ND		0.001	2E-04	ND		0.0011	0.00012
p-Isopropyltoluene	99-87-6		ND		0.0013	0.00014	ND		0.0011	0.00012	ND		0.0012	0.00013	ND		0.001	2E-04	ND		0.0011	0.00012
Naphthalene	91-20-3	12	ND		0.005	0.00082	ND		0.0043	0.0007	ND		0.0047	0.00076	ND		0.006	9E-04	ND		0.0045	0.00073
Acrylonitrile	107-13-1		ND		0.005	0.0014	ND		0.0043	0.0012	ND		0.0047	0.0013	ND		0.006	0.002	ND		0.0045	0.0013
n-Propylbenzene	103-65-1	3.9	ND		0.0013	0.00022	ND		0.0011	0.00018	ND		0.0012	0.0002	ND		0.001	2E-04	ND		0.0011	0.00019
1,2,3-Trichlorobenzene	87-61-6		ND		0.0025	0.00041	ND		0.0022	0.00035	ND		0.0023	0.00038	ND		0.003	4E-04	ND		0.0022	0.00036
1,2,4-Trichlorobenzene	120-82-1		ND		0.0025	0.00034	ND		0.0022	0.00029	ND		0.0023	0.00032	ND		0.003	4E-04	ND		0.0022	0.00031
1,3,5-Trimethylbenzene	108-67-8	8.4	ND		0.0025	0.00024	ND		0.0022	0.00021	ND		0.0023	0.00022	ND		0.003	3E-04	ND		0.0022	0.00022
1,2,4-Trimethylbenzene	95-63-6	3.6	ND		0.0025	0.00042	ND		0.0022	0.00036	ND		0.0023	0.00039	ND		0.003	5E-04	ND		0.0022	0.00038
1,4-Dioxane	123-91-1	0.1	ND		0.1	0.044	ND		0.086	0.038	ND		0.094	0.041	ND		0.11	0.048	ND		0.09	0.04
p-Diethylbenzene	105-05-5		ND		0.0025	0.00022	ND		0.0022	0.00019	ND		0.0023	0.00021	ND		0.003	2E-04	ND		0.0022	0.0002
p-Ethyltoluene	622-96-8		ND		0.0025	0.00048	ND		0.0022	0.00041	ND		0.0023	0.00045	ND		0.003	5E-04	ND		0.0022	0.00043
1,2,4,5-Tetramethylbenzene	95-93-2		ND		0.0025	0.00024	ND		0.0022	0.00021	ND		0.0023	0.00022	ND		0.003	3E-04	ND		0.0022	0.00022
Ethyl ether	60-29-7		ND		0.0025	0.00043	ND		0.0022	0.00037	ND		0.0023	0.0004	ND		0.003	5E-04	ND		0.0022	0.00038
trans-1,4-Dichloro-2-butene	110-57-6		ND		0.0063	0.0018	ND		0.0054	0.0015	ND		0.0058	0.0017	ND		0.007	0.002	ND		0.0056	0.0016
Total VOCs			0.00267	-	-	-	0.00856	-	-	-	0.0024	-	-	-	0.0013	-	-	-	0.014	-	-	-
TOTAL METALS																						
Aluminum, Total	7429-90-5		2040		7.92	2.14	5860		8.36	2.26	2430		7.91	2.14	1770		8.65	2.33	4320		8.13	2.2
Antimony, Total	7440-36-0		ND		3.96	0.301	ND		4.18	0.318	ND		3.96	0.301	ND		4.32	0.328	ND		4.06	0.309
Arsenic, Total	7440-38-2	13	0.467	J	0.792	0.165	1.82		0.836	0.174	0.506	J	0.791	0.165	0.502	J	0.865	0.18	1.44		0.813	0.169
Barium, Total	7440-39-3	350	23.5		0.792	0.138	36.2		0.836	0.145	17.7		0.791	0.138	9.38		0.865	0.15	66.6		0.813	0.141
Beryllium, Total	7440-41-7	7.2	0.055	J	0.396	0.026	0.033	J	0.418	0.028	0.071	J	0.396	0.026	ND		0.432	0.029	ND		0.406	0.027
Cadmium, Total	7440-43-9	2.5	ND		0.792	0.078	0.251	J	0.836	0.082	ND		0.791	0.078	0.104	J	0.865	0.085	0.154	J	0.813	0.08
Calcium, Total	7440-70-2		27600		7.92	2.77	23200		8.36	2.92	7080		7.91	2.77	1480		8.65	3.03	18500		8.13	2.84
Chromium, Total	7440-47-3		5.09		0.792	0.076	10.8		0.836	0.08	7.8		0.791	0.076	6.95		0.865	0.083	8.58		0.813	0.078
Cobalt, Total	7440-48-4		2.85		1.58	0.131	5.85		1.67	0.139	3.38		1.58	0.131	3.29		1.73	0.144	4.54		1.63	0.135
Copper, Total	7440-50-8	50	6.22		0.792	0.204	22		0.836	0.216	9.25		0.791	0.204	5.23		0.865	0.223	12.9		0.813	0.21
Iron, Total	7439-89-6		5960		3.96	0.715	11800		4.18	0.755	7750		3.96	0.715	6780		4.32	0.781	9210		4.06	0.734
Lead, Total	7439-92-1	63	3.97		3.96	0.212	27.2		4.18	0.224	6.05		3.96	0.212	1.37	J	4.32	0.232	33.8		4.06	0.218
Magnesium, Total	7439-95-4		14100		7.92	1.22	7710		8.36	1.29	4100		7.91	1.22	963		8.65	1.33	7370		8.13	1.25
Manganese, Total	7439-96-5	1600	78.7		0.792	0.126	184		0.836	0.133	99.3		0.791	0.126	59.2		0.865	0.137	305		0.813	0.129
Mercury, Total	7439-97-6	0.18	ND		0.071	0.046	ND		0.071	0.047	ND		0.067	0.044	ND		0.08	0.052	0.052	J	0.066	0.043
Nickel, Total	7440-02-0	30	4.08		1.98	0.192	8.09		2.09	0.202	5.1		1.98	0.192	4.07		2.16	0.209	6.85		2.03	0.197
Potassium, Total	7440-09-7		665		198	11.4	1120		209	12	618		198	11.4	358		216	12.4	1090		203	11.7
Selenium, Total	7782-49-2	3.9	ND		1.58	0.204	ND		1.67	0.216	ND		1.58	0.204	0.346	J	1.73	0.223	ND		1.63	0.21
Silver, Total	7440-22-4	2	ND		0.792	0.224	ND		0.836	0.236	ND		0.791	0.224	ND		0.865	0.245	ND		0.813	0.23
Sodium, Total	7440-23-5		79.6	J	158	2.49	415		167	2.63	146	J	158	2.49	124	J	173	2.72	78.5	J	163	2.56

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-29 (14.5-15)				RA-29A (10.5-11)				RA-29B (10.5-11)				RA-30 (9-9.5)				RA-32 (8.5-9)			
		LAB ID:	L2211760-02				L2211334-04				L2211760-01				L2211334-03				L2210455-01			
		COLLECTION DATE:	3/7/2022				3/3/2022				3/7/2022				3/3/2022				2/28/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																				
		(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																						
Thallium, Total	7440-28-0		ND		1.58	0.249	ND		1.67	0.263	ND		1.58	0.249	ND		1.73	0.272	ND		1.63	0.256
Vanadium, Total	7440-62-2		7.76		0.792	0.161	18.3		0.836	0.17	10.4		0.791	0.161	8.38		0.865	0.176	12.8		0.813	0.165
Zinc, Total	7440-66-6	109	12		3.96	0.232	44.7		4.18	0.245	18.9		3.96	0.232	10		4.32	0.253	78.5		4.06	0.238
GENERAL CHEMISTRY																						
Solids, Total	NONE		97.4		0.1	NA	92.8		0.1	NA	96.3		0.1	NA	89.3		0.1	NA	94.6		0.1	NA
Cyanide, Total	57-12-5	27	ND		0.99	0.21	ND		1	0.21	ND		0.96	0.2	ND		1	0.22	ND		1	0.22

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	2030404-02								2030404-01				2030270-01				2030005-01			
		SAMPLE ID:	RA-29 (14.5-15)				2030270-02				RA-29B (10.5-11)				RA-30 (9-9.5)				RA-32 (8.5-9)			
		COLLECTION DATE:	03/07/2022 12:15				RA-29A (10.5-11)				03/07/2022 12:00				03/03/2022 10:20				02/28/2022 13:45			
		SAMPLE MATRIX:	Soil				03/03/2022 10:30				Soil				Soil				Soil			
		NY-UNRES					Soil															
		(mg/kg)																				
Compound	**CAS#**																					
General Chemistry (%)			Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	ualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO
Percent Solids	PERSOL		**96.5**				**93.1**				**83.1**				**96.1**				**91.7**			
PCBs (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	ualifi	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
Aroclor-1016	12674-11-2		0.00459	U	0.00459	0.0342	0.00476	U	0.00476	0.0355	0.00532	U	0.00532	0.0397	0.0046	U	0.005	0.034	0.00483	U	0.00483	0.036
Aroclor-1221	11104-28-2		0.00902	U	0.00902	0.0342	0.00935	U	0.00935	0.0355	0.0105	U	0.0105	0.0397	0.0091	U	0.009	0.034	0.00949	U	0.00949	0.036
Aroclor-1232	11141-16-5		0.0115	U	0.0115	0.0342	0.0119	U	0.0119	0.0355	0.0133	U	0.0133	0.0397	0.0115	U	0.012	0.034	0.0121	U	0.0121	0.036
Aroclor-1242	53469-21-9		0.00672	U	0.00672	0.0342	0.00697	U	0.00697	0.0355	0.0078	U	0.0078	0.0397	0.0068	U	0.007	0.034	0.00707	U	0.00707	0.036
Aroclor-1248	12672-29-6		0.00703	U	0.00703	0.0342	0.00729	U	0.00729	0.0355	0.00816	U	0.00816	0.0397	0.0071	U	0.007	0.034	0.0074	U	0.0074	0.036
Aroclor-1254	11097-69-1		0.00552	U	0.00552	0.0342	0.00572	U	0.00572	0.0355	0.00641	U	0.00641	0.0397	0.0055	U	0.006	0.034	0.137		0.00336	0.036
Aroclor-1260	11096-82-5		0.00428	U	0.00428	0.0342	0.00444	U	0.00444	0.0355	0.00497	U	0.00497	0.0397	0.0043	U	0.004	0.034	0.00451	U	0.00451	0.036
Aroclor-1262	37324-23-5		0.0092	U	0.0092	0.0342	0.00954	U	0.00954	0.0355	0.0107	U	0.0107	0.0397	0.0092	U	0.009	0.034	0.00968	U	0.00968	0.036
Aroclor-1268	11100-14-4		0.00414	U	0.00414	0.0342	0.00429	U	0.00429	0.0355	0.0048	U	0.0048	0.0397	0.0042	U	0.004	0.034	0.00435	U	0.00435	0.036
Total PCBs	1336-36-3	0.1	0.00319	U	0.00319	0.0342	0.00331	U	0.00331	0.0355	0.00371	U	0.00371	0.0397	0.0032	U	0.003	0.034	0.137		0.00336	0.036
Pesticides (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	ualifi	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	72-54-8	0.0033	0.000617	U	0.000617	0.00135	0.000639	U	0.000639	0.0014	0.000716	U	0.000716	0.00156	0.0006	U	6E-04	0.001	0.00696		0.000649	0.00142
4,4'-DDE	72-55-9	0.0033	0.000737	U	0.000737	0.00135	0.000764	U	0.000764	0.0014	0.000855	U	0.000855	0.00156	0.0007	U	7E-04	0.001	0.00843		0.000775	0.00142
4,4'-DDT	50-29-3	0.0033	0.000951	U	0.000951	0.00135	**0.00173**		0.000986	0.0014	0.0011	U	0.0011	0.00156	0.001	U	1E-03	0.001	0.00968		0.001	0.00142
Aldrin	309-00-2	0.005	0.000638	U	0.000638	0.00135	0.000662	U	0.000662	0.0014	0.000741	U	0.000741	0.00156	0.0006	U	6E-04	0.001	0.000672	U	0.000672	0.00142
alpha-BHC	319-84-6	0.02	0.000401	U	0.000401	0.00135	0.000416	U	0.000416	0.0014	0.000466	U	0.000466	0.00156	0.0004	U	4E-04	0.001	0.000422	U	0.000422	0.00142
alpha-Chlordane (cis)	5103-71-9		0.000859	U	0.000859	0.00135	0.000891	U	0.000891	0.0014	0.000997	U	0.000997	0.00156	0.0009	U	9E-04	0.001	0.000904	U	0.000904	0.00142
beta-BHC	319-85-7	0.036	0.000644	U	0.000644	0.00135	0.000667	U	0.000667	0.0014	0.000747	U	0.000747	0.00156	0.0006	U	6E-04	0.001	0.000677	U	0.000677	0.00142
Chlordane	57-74-9		0.000599	U	0.000599	0.00135	0.000621	U	0.000621	0.0014	0.000695	U	0.000695	0.00156	0.0006	U	6E-04	0.001	0.00063	U	0.00063	0.00142
delta-BHC	319-86-8	0.04	0.000626	U	0.000626	0.00135	0.000649	U	0.000649	0.0014	0.000727	U	0.000727	0.00156	0.0006	U	6E-04	0.001	0.000659	U	0.000659	0.00142
Dieldrin	60-57-1	0.005	0.000705	U	0.000705	0.00135	0.000731	U	0.000731	0.0014	0.000818	U	0.000818	0.00156	0.0007	U	7E-04	0.001	0.000741	U	0.000741	0.00142
Endosulfan I	959-98-8	2.4	0.000636	U	0.000636	0.00135	0.00066	U	0.00066	0.0014	0.000739	U	0.000739	0.00156	0.0006	U	6E-04	0.001	0.000669	U	0.000669	0.00142
Endosulfan II	33213-65-9	2.4	0.000612	U	0.000612	0.00135	0.000635	U	0.000635	0.0014	0.000711	U	0.000711	0.00156	0.0006	U	6E-04	0.001	0.000644	U	0.000644	0.00142
Endosulfan sulfate	1031-07-8	2.4	0.000507	U	0.000507	0.00135	0.000525	U	0.000525	0.0014	0.000588	U	0.000588	0.00156	0.0005	U	5E-04	0.001	0.000533	U	0.000533	0.00142
Endosulfans, Total (alpha and beta)	115-29-7		0.000612	U	0.000612	0.00135	0.000635	U	0.000635	0.0014	0.000711	U	0.000711	0.00156	0.0006	U	6E-04	0.001	0.000644	U	0.000644	0.00142
Endrin	72-20-8	0.014	0.000465	U	0.000465	0.00135	0.000482	U	0.000482	0.0014	0.00054	U	0.00054	0.00156	0.0005	U	5E-04	0.001	0.00049	U	0.00049	0.00142
Endrin aldehyde	7421-93-4		0.000537	U	0.000537	0.00135	0.000557	U	0.000557	0.0014	0.000623	U	0.000623	0.00156	0.0005	U	5E-04	0.001	0.000565	U	0.000565	0.00142
Endrin ketone	53494-70-5		0.000475	U	0.000475	0.00135	0.000492	U	0.000492	0.0014	0.000551	U	0.000551	0.00156	0.0005	U	5E-04	0.001	0.000499	U	0.000499	0.00142
gamma-BHC (Lindane)	58-89-9	0.1	0.000427	U	0.000427	0.00135	0.000443	U	0.000443	0.0014	0.000496	U	0.000496	0.00156	0.0004	U	4E-04	0.001	0.000449	U	0.000449	0.00142
gamma-Chlordane	5566-34-7		0.000599	U	0.000599	0.00135	0.000621	U	0.000621	0.0014	0.000695	U	0.000695	0.00156	0.0006	U	6E-04	0.001	0.00063	U	0.00063	0.00142
Heptachlor	76-44-8	0.042	0.000361	U	0.000361	0.00135	0.000374	U	0.000374	0.0014	0.000419	U	0.000419	0.00156	0.0004	U	4E-04	0.001	0.000379	U	0.000379	0.00142
Heptachlor Epoxide	1024-57-3		0.00068	U	0.00068	0.00135	0.000705	U	0.000705	0.0014	0.000789	U	0.000789	0.00156	0.0007	U	7E-04	0.001	0.000715	U	0.000715	0.00142
Methoxychlor	72-43-5		0.000395	U	0.000395	0.00135	0.000409	U	0.000409	0.0014	0.000458	U	0.000458	0.00156	0.0004	U	4E-04	0.001	0.000415	U	0.000415	0.00142
Toxaphene	8001-35-2		0.0649	U	0.0649	0.0684	0.0673	U	0.0673	0.0709	0.0753	U	0.0753	0.0794	0.0652	U	0.065	0.069	0.0683	U	0.0683	0.072
Semivolatile Organics - GC/MS (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	ualifi	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
1,2,4,5-Tetrachlorobenzene	95-94-3		0.0209	U	0.0209	0.138	0.0217	U	0.0217	0.143	0.0243	U	0.0243	0.16	0.021	U	0.021	0.138	0.022	U	0.022	0.145
1,2,4-Trichlorobenzene	120-82-1		0.0142	U	0.0142	0.138	0.0147	U	0.0147	0.143	0.0165	U	0.0165	0.16	0.0143	U	0.014	0.138	0.0149	U	0.0149	0.145
1,2-Dichlorobenzene	95-50-1	1.1	0.0258	U	0.0258	0.138	0.0268	U	0.0268	0.143	0.03	U	0.03	0.16	0.0259	U	0.026	0.138	0.0271	U	0.0271	0.145
1,3-Dichlorobenzene	541-73-1	2.4	0.0178	U	0.0178	0.138	0.0185	U	0.0185	0.143	0.0207	U	0.0207	0.16	0.0179	U	0.018	0.138	0.0188	U	0.0188	0.145
1,4-Dichlorobenzene	106-46-7	1.8	0.0175	U	0.0175	0.138	0.0182	U	0.0182	0.143	0.0203	U	0.0203	0.16	0.0176	U	0.018	0.138	0.0184	U	0.0184	0.145
1,4-Dioxane	123-91-1	0.1	0.0039	U	0.0039	0.0345	0.00404	U	0.00404	0.0358	0.00452	U	0.00452	0.0401	0.0039	U	0.004	0.035	0.0041	U	0.0041	0.0363
2,4,5-Trichlorophenol	95-95-4		0.0188	U	0.0188	0.138	0.0194	U	0.0194	0.143	0.0218	U	0.0218	0.16	0.0188	U	0.019	0.138	0.0197	U	0.0197	0.145
2,4,6-Trichlorophenol	88-06-2		0.00863	U	0.00863	0.138	0.00895	U	0.00895	0.143	0.01	U	0.01	0.16	0.0087	U	0.009	0.138	0.00908	U	0.00908	0.145
2,4-Dichlorophenol	120-83-2		0.0139	U	0.0139	0.138	0.0144	U	0.0144	0.143	0.0161	U	0.0161	0.16	0.0139	U	0.014	0.138	0.0146	U	0.0146	0.145
2,4-Dimethylphenol	105-67-9		0.0136	U	0.0136	0.138	0.0141	U	0.0141	0.143	0.0158	U	0.0158	0.16	0.0136	U	0.014	0.138	0.0143	U	0.0143	0.145
2,4-Dinitrophenol	51-28-5		0.0199	U	0.0199	0.691	0.0206	U	0.0206	0.717	0.0231	U	0.0231	0.802	0.02	U	0.02	0.694	0.0209	U	0.0209	0.727
2,4-Dinitrotoluene	121-14-2		0.0147	U	0.0147	0.138	0.0153	U	0.0153	0.143	0.0171	U	0.0171	0.16	0.0148	U	0.015	0.138	0.0155	U	0.0155	0.145
2,6-Dinitrotoluene	606-20-2		0.033	U	0.033	0.138	0.0342	U	0.0342	0.143	0.0383	U	0.0383	0.16	0.0331	U	0.033	0.138	0.0347	U	0.0347	0.145
2-Chloronaphthalene	91-58-7		0.0159	U	0.0159	0.138	0.0164	U	0.0164	0.143	0.0184	U	0.0184	0.16	0.0159	U	0.016	0.138	0.0167	U	0.0167	0.145
2-Chlorophenol	95-57-8		0.0182	U	0.0182	0.138	0.0189	U	0.0189	0.143	0.0212	U	0.0212	0.16	0.0183	U	0.018	0.138	0.0192	U	0.0192	0.145
2-Methylnaphthalene	91-57-6		0.0331	U	0.0331	0.207	0.0343	U	0.0343	0.215	0.0384	U	0.0384	0.241	0.0332	U	0.033	0.208	0.0348	U	0.0348	0.218
2-Methylphenol	95-48-7	0.33	0.0273	U	0.0273	0.138	0.0283	U	0.0283	0.143	0.0316	U	0.0316	0.16	0.0274	U	0.027	0.138	0.0287	U	0.0287	0.145
2-Nitroaniline	88-74-4		0.0111	U	0.0111	0.138	0.0115	U	0.0115	0.143	0.0129	U	0.0129	0.16	0.0111	U	0.011	0.138	0.0117	U	0.0117	0.145
2-Nitrophenol	88-75-5		0.0153	U	0.0153	0.138	0.0159	U	0.0159	0.143	0.0178	U	0.0178	0.16	0.0154	U	0.015	0.138	0.0161	U	0.0161	0.145
3,3'-Dichlorobenzidine	91-94-1		0.0145	U	0.0145	0.138	0.015	U	0.015	0.143	0.0168	U	0.0168	0.16	0.0146	U	0.015	0.138	0.0153	U	0.0153	0.145
3+4-Methylphenol	65794-96-9	0.33	0.0253	U	0.0253	0.138	0.0262	U	0.0262	0.143	0.0293	U	0.0293	0.16	0.0254	U	0.025	0.138	0.0266	U	0.0266	0.145

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	2030404-02								2030404-01				2030270-01				2030005-01			
		SAMPLE ID:	RA-29 (14.5-15)				2030270-02				RA-29B (10.5-11)				RA-30 (9-9.5)				RA-32 (8.5-9)			
		COLLECTION DATE:	03/07/2022 12:15				RA-29A (10.5-11)				03/07/2022 12:00				03/03/2022 10:20				02/28/2022 13:45			
		SAMPLE MATRIX:	Soil				03/03/2022 10:30				Soil				Soil				Soil			
		NY-UNRES					Soil															
Semivolatile Organics - GC/MS (mg/kg)																						
3-Nitroaniline	99-09-2		0.0256	U	0.0256	0.138	0.0265	U	0.0265	0.143	0.0297	U	0.0297	0.16	0.0257	U	0.026	0.138	0.0269	U	0.0269	0.145
4,6-Dinitro-2-methylphenol	534-52-1		0.026	U	0.026	0.345	0.027	U	0.027	0.358	0.0302	U	0.0302	0.401	0.0261	U	0.026	0.347	0.0274	U	0.0274	0.363
4-Bromophenyl-phenyl ether	101-55-3		0.0197	U	0.0197	0.138	0.0204	U	0.0204	0.143	0.0229	U	0.0229	0.16	0.0198	U	0.02	0.138	0.0207	U	0.0207	0.145
4-Chloro-3-methylphenol	59-50-7		0.0218	U	0.0218	0.138	0.0226	U	0.0226	0.143	0.0253	U	0.0253	0.16	0.0219	U	0.022	0.138	0.0229	U	0.0229	0.145
4-Chloroaniline	106-47-8		0.00483	U	0.00483	0.138	0.00501	U	0.00501	0.143	0.00561	U	0.00561	0.16	0.0049	U	0.005	0.138	0.00508	U	0.00508	0.145
4-Chlorophenyl phenyl ether	7005-72-3		0.00745	U	0.00745	0.138	0.00773	U	0.00773	0.143	0.00865	U	0.00865	0.16	0.0075	U	0.007	0.138	0.00784	U	0.00784	0.145
4-Nitroaniline	100-01-6		0.069	U	0.069	0.138	0.0716	U	0.0716	0.143	0.0801	U	0.0801	0.16	0.0693	U	0.069	0.138	0.0726	U	0.0726	0.145
4-Nitrophenol	100-02-7		0.00883	U	0.00883	0.138	0.00916	U	0.00916	0.143	0.0102	U	0.0102	0.16	0.0089	U	0.009	0.138	0.00929	U	0.00929	0.145
Acenaphthene	83-32-9	20	0.00787	U	0.00787	0.138	**0.0325**	J	0.00816	0.143	0.00913	U	0.00913	0.16	0.0079	U	0.008	0.138	0.00828	U	0.00828	0.145
Acenaphthylene	208-96-8	100	0.0048	U	0.0048	0.138	0.00498	U	0.00498	0.143	0.00557	U	0.00557	0.16	0.0048	U	0.005	0.138	**0.0462**	J	0.00505	0.145
Acetophenone	98-86-2		0.0137	U	0.0137	0.138	0.0142	U	0.0142	0.143	0.0159	U	0.0159	0.16	0.0137	U	0.014	0.138	0.0144	U	0.0144	0.145
Anthracene	120-12-7	100	**0.0806**	J	0.02	0.138	**0.149**		0.0207	0.143	0.0232	U	0.0232	0.16	0.0201	U	0.02	0.138	**0.0735**	J	0.021	0.145
Benzo(a)anthracene	56-55-3	1	**0.231**		0.0139	0.138	**0.778**		0.0144	0.143	**0.0841**	J	0.0161	0.16	0.0139	U	0.014	0.138	**0.314**		0.0146	0.145
Benzo(a)pyrene	50-32-8	1	**0.207**		0.024	0.138	**0.687**		0.0249	0.143	**0.0780**	J	0.0279	0.16	0.0241	U	0.024	0.138	**0.295**		0.0253	0.145
Benzo(b)fluoranthene	205-99-2	1	**0.285**		0.0194	0.138	**1.19**		0.0201	0.143	**0.127**	J	0.0225	0.16	0.0195	U	0.02	0.138	**0.446**		0.0204	0.145
Benzo(g,h,i)perylene	191-24-2	100	**0.139**		0.0112	0.138	**0.557**		0.0116	0.143	**0.0776**	J	0.013	0.16	0.0112	U	0.011	0.138	**0.223**		0.0118	0.145
Benzo(k)fluoranthene	207-08-9	0.8	**0.143**		0.0159	0.138	**0.382**		0.0164	0.143	**0.0640**	J	0.0184	0.16	0.0159	U	0.016	0.138	**0.143**	J	0.0167	0.145
Benzoic acid	65-85-0		0.16	U	0.16	0.345	0.166	U	0.166	0.358	0.186	U	0.186	0.401	0.161	U	0.161	0.347	0.168	U	0.168	0.363
Benzyl alcohol	100-51-6		0.0309	U	0.0309	0.138	0.032	U	0.032	0.143	0.0358	U	0.0358	0.16	0.031	U	0.031	0.138	0.0325	U	0.0325	0.145
Biphenyl	92-52-4		0.0121	U	0.0121	0.138	0.0126	U	0.0126	0.143	0.0141	U	0.0141	0.16	0.0122	U	0.012	0.138	0.0128	U	0.0128	0.145
bis(2-chloroethoxy)methane	111-91-1		0.0191	U	0.0191	0.138	0.0198	U	0.0198	0.143	0.0221	U	0.0221	0.16	0.0191	U	0.019	0.138	0.0201	U	0.0201	0.145
bis(2-chloroethyl)ether	111-44-4		0.0151	U	0.0151	0.138	0.0157	U	0.0157	0.143	0.0176	U	0.0176	0.16	0.0152	U	0.015	0.138	0.0159	U	0.0159	0.145
bis(2-chloroisopropyl)ether	108-60-1		0.0496	U	0.0496	0.138	0.0515	U	0.0515	0.143	0.0576	U	0.0576	0.16	0.0498	U	0.05	0.138	0.0522	U	0.0522	0.145
bis(2-ethylhexyl)phthalate	117-81-7		0.0276	U	0.0276	0.138	0.0286	U	0.0286	0.143	0.032	U	0.032	0.16	0.0277	U	0.028	0.138	0.029	U	0.029	0.145
Butylbenzylphthalate	85-68-7		0.0125	U	0.0125	0.138	0.013	U	0.013	0.143	0.0146	U	0.0146	0.16	0.0126	U	0.013	0.138	0.0132	U	0.0132	0.145
Carbazole	86-74-8		**0.0478**	J	0.0265	0.345	**0.155**	J	0.0275	0.358	0.0308	U	0.0308	0.401	0.0266	U	0.027	0.347	**0.0477**	J	0.0279	0.363
Chrysene	218-01-9	1	**0.246**		0.00945	0.138	**1.03**		0.0098	0.143	**0.106**	J	0.011	0.16	0.0095	U	0.009	0.138	**0.369**		0.00994	0.145
Dibenzo(a,h)anthracene	53-70-3	0.33	**0.0406**	J	0.0137	0.138	**0.14**	J	0.0142	0.143	0.0159	U	0.0159	0.16	0.0137	U	0.014	0.138	**0.0656**	J	0.0144	0.145
Dibenzofuran	132-64-9	7	0.00822	U	0.00822	0.138	0.00852	U	0.00852	0.143	0.00954	U	0.00954	0.16	0.0083	U	0.008	0.138	0.00865	U	0.00865	0.145
Diethylphthalate	84-66-2		0.0267	U	0.0267	0.138	0.0277	U	0.0277	0.143	0.031	U	0.031	0.16	0.0268	U	0.027	0.138	0.0281	U	0.0281	0.145
Dimethylphthalate	131-11-3		0.00856	U	0.00856	0.138	0.00888	U	0.00888	0.143	0.00994	U	0.00994	0.16	0.0086	U	0.009	0.138	0.00901	U	0.00901	0.145
Di-n-butylphthalate	84-74-2		0.0564	U	0.0564	0.138	0.0585	U	0.0585	0.143	0.0654	U	0.0654	0.16	0.0566	U	0.057	0.138	0.0593	U	0.0593	0.145
Di-n-octylphthalate	117-84-0		0.0283	U	0.0283	0.138	0.0293	U	0.0293	0.143	0.0328	U	0.0328	0.16	0.0284	U	0.028	0.138	0.0298	U	0.0298	0.145
Fluoranthene	206-44-0	100	**0.508**		0.013	0.138	**1.97**		0.0134	0.143	**0.154**	J	0.015	0.16	0.013	U	0.013	0.138	**0.647**		0.0136	0.145
Fluorene	86-73-7	30	0.0115	U	0.0115	0.138	**0.0493**	J	0.0119	0.143	0.0134	U	0.0134	0.16	0.0116	U	0.012	0.138	0.0121	U	0.0121	0.145
Hexachlorobenzene	118-74-1	0.33	0.018	U	0.018	0.138	0.0187	U	0.0187	0.143	0.0209	U	0.0209	0.16	0.0181	U	0.018	0.138	0.019	U	0.019	0.145
Hexachlorobutadiene	87-68-3		0.0662	U	0.0662	0.138	0.0687	U	0.0687	0.143	0.0769	U	0.0769	0.16	0.0665	U	0.067	0.138	0.0697	U	0.0697	0.145
Hexachlorocyclopentadiene	77-47-4		0.0575	U	0.0575	0.345	0.0596	U	0.0596	0.358	0.0668	U	0.0668	0.401	0.0578	U	0.058	0.347	0.0605	U	0.0605	0.363
Hexachloroethane	67-72-1		0.0151	U	0.0151	0.138	0.0157	U	0.0157	0.143	0.0176	U	0.0176	0.16	0.0152	U	0.015	0.138	0.0159	U	0.0159	0.145
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	**0.119**	J	0.0148	0.138	**0.431**		0.0154	0.143	**0.0593**	J	0.0172	0.16	0.0149	U	0.015	0.138	**0.178**		0.0156	0.145
Isophorone	78-59-1		0.00904	U	0.00904	0.138	0.00937	U	0.00937	0.143	0.0105	U	0.0105	0.16	0.0091	U	0.009	0.138	0.00951	U	0.00951	0.145
Naphthalene	91-20-3	12	0.0102	U	0.0102	0.138	0.0106	U	0.0106	0.143	0.0119	U	0.0119	0.16	0.0103	U	0.01	0.138	0.0108	U	0.0108	0.145
Nitrobenzene	98-95-3		0.0234	U	0.0234	0.138	0.0243	U	0.0243	0.143	0.0272	U	0.0272	0.16	0.0235	U	0.024	0.138	0.0246	U	0.0246	0.145
n-Nitroso-di-n-propylamine	621-64-7		0.00739	U	0.00739	0.138	0.00766	U	0.00766	0.143	0.00858	U	0.00858	0.16	0.0074	U	0.007	0.138	0.00777	U	0.00777	0.145
n-Nitrosodiphenylamine	86-30-6		0.0294	U	0.0294	0.138	0.0305	U	0.0305	0.143	0.0342	U	0.0342	0.16	0.0296	U	0.03	0.138	0.031	U	0.031	0.145
Pentachlorophenol	87-86-5	0.8	0.019	U	0.019	0.345	0.0197	U	0.0197	0.358	0.022	U	0.022	0.401	0.019	U	0.019	0.347	0.02	U	0.02	0.363
Phenanthrene	85-01-8	100	**0.290**		0.0181	0.138	**1.09**		0.0188	0.143	**0.0676**	J	0.021	0.16	0.0182	U	0.018	0.138	**0.271**		0.0191	0.145
Phenol	108-95-2	0.33	0.0112	U	0.0112	0.138	0.0116	U	0.0116	0.143	0.013	U	0.013	0.16	0.0112	U	0.011	0.138	0.0118	U	0.0118	0.145
Pyrene	129-00-0	100	**0.395**		0.0101	0.138	**1.42**		0.0105	0.143	**0.139**	J	0.0118	0.16	0.0102	U	0.01	0.138	**0.509**		0.0107	0.145

Qualifiers:
U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	DUP-1 - RA-32(8.5-9)				RA-43 (8-8.5')				RA-43 (9-9.5)				RA-47 (5-5.5)				RA-51A (11-11.5')				RA-50A (11-11.5')			
		LAB ID:	L2210455-09				L2210455-02				L2212132-02				L2211685-01				L2210130-05				L2210130-06			
		COLLECTION DATE:	2/28/2022				2/28/2022				3/8/2022				3/7/2022				2/24/2022				2/24/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																								
ANALYTE	CAS	(mg/kg)	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	ND		0.006	0.0028	ND		0.0062	0.0029	-	-	-	-	ND		0.0058	0.0026	ND		0.0062	0.0029	ND		0.0074	0.0034
1,1-Dichloroethane	75-34-3	0.27	ND		0.0012	0.00018	ND		0.0012	0.00018	-	-	-	-	ND		0.0012	0.00017	ND		0.0012	0.00018	ND		0.0015	0.00021
Chloroform	67-66-3	0.37	ND		0.0018	0.00017	ND		0.0019	0.00018	-	-	-	-	ND		0.0017	0.00016	ND		0.0019	0.00018	ND		0.0022	0.00021
Carbon tetrachloride	56-23-5	0.76	ND		0.0012	0.00028	ND		0.0012	0.00029	-	-	-	-	ND		0.0012	0.00026	ND		0.0012	0.00029	ND		0.0015	0.00034
1,2-Dichloropropane	78-87-5		ND		0.0012	0.00015	ND		0.0012	0.00016	-	-	-	-	ND		0.0012	0.00014	ND		0.0012	0.00016	ND		0.0015	0.00018
Dibromochloromethane	124-48-1		ND		0.0012	0.00017	ND		0.0012	0.00018	-	-	-	-	ND		0.0012	0.00016	ND		0.0012	0.00018	ND		0.0015	0.00021
1,1,2-Trichloroethane	79-00-5		ND		0.0012	0.00032	ND		0.0012	0.00033	-	-	-	-	ND		0.0012	0.00031	ND		0.0012	0.00033	ND		0.0015	0.00039
Tetrachloroethene	127-18-4	1.3	ND		0.0006	0.00024	ND		0.00062	0.00024	-	-	-	-	ND		0.00058	0.00022	ND		0.00062	0.00024	ND		0.00074	0.00029
Chlorobenzene	108-90-7	1.1	ND		0.0006	0.00015	ND		0.00062	0.00016	-	-	-	-	ND		0.00058	0.00015	ND		0.00062	0.00016	ND		0.00074	0.00019
Trichlorofluoromethane	75-69-4		ND		0.0048	0.00084	ND		0.005	0.00087	-	-	-	-	ND		0.0046	0.0008	ND		0.005	0.00087	ND		0.0059	0.001
1,2-Dichloroethane	107-06-2	0.02	ND		0.0012	0.00031	ND		0.0012	0.00032	-	-	-	-	ND		0.0012	0.0003	ND		0.0012	0.00032	ND		0.0015	0.00038
1,1,1-Trichloroethane	71-55-6	0.68	ND		0.0006	0.0002	ND		0.00062	0.00021	-	-	-	-	ND		0.00058	0.00019	ND		0.00062	0.00021	ND		0.00074	0.00025
Bromodichloromethane	75-27-4		ND		0.0006	0.00013	ND		0.00062	0.00014	-	-	-	-	ND		0.00058	0.00012	ND		0.00062	0.00014	ND		0.00074	0.00016
trans-1,3-Dichloropropene	10061-02-6		ND		0.0012	0.00033	ND		0.0012	0.00034	-	-	-	-	ND		0.0012	0.00031	ND		0.0012	0.00034	ND		0.0015	0.0004
cis-1,3-Dichloropropene	10061-01-5		ND		0.0006	0.00019	ND		0.00062	0.0002	-	-	-	-	ND		0.00058	0.00018	ND		0.00062	0.0002	ND		0.00074	0.00023
1,3-Dichloropropene, Total	542-75-6		ND		0.0006	0.00019	ND		0.00062	0.0002	-	-	-	-	ND		0.00058	0.00018	ND		0.00062	0.0002	ND		0.00074	0.00023
1,1-Dichloropropene	563-58-6		ND		0.0006	0.00019	ND		0.00062	0.0002	-	-	-	-	ND		0.00058	0.00018	ND		0.00062	0.0002	ND		0.00074	0.00023
Bromoform	75-25-2		ND		0.0048	0.0003	ND		0.005	0.00031	-	-	-	-	ND		0.0046	0.00028	ND		0.005	0.00031	ND		0.0059	0.00036
1,1,2,2-Tetrachloroethane	79-34-5		ND		0.0006	0.0002	ND		0.00062	0.00021	-	-	-	-	ND		0.00058	0.00019	ND		0.00062	0.00021	ND		0.00074	0.00024
Benzene	71-43-2	0.06	ND		0.0006	0.0002	ND		0.00062	0.00021	-	-	-	-	ND		0.00058	0.00019	ND		0.00062	0.00021	ND		0.00074	0.00024
Toluene	108-88-3	0.7	ND		0.0012	0.00066	ND		0.0012	0.00068	-	-	-	-	0.0017		0.0012	0.00062	0.0021		0.0012	0.00068	0.0024		0.0015	0.0008
Ethylbenzene	100-41-4	1	ND		0.0012	0.00017	ND		0.0012	0.00018	-	-	-	-	ND		0.0012	0.00016	ND		0.0012	0.00018	ND		0.0015	0.00021
Chloromethane	74-87-3		ND		0.0048	0.0011	ND		0.005	0.0012	-	-	-	-	ND		0.0046	0.0011	ND		0.005	0.0012	ND		0.0059	0.0014
Bromomethane	74-83-9		ND		0.0024	0.0007	ND		0.0025	0.00073	-	-	-	-	ND		0.0023	0.00067	ND		0.0025	0.00073	ND		0.003	0.00086
Vinyl chloride	75-01-4	0.02	ND		0.0012	0.0004	ND		0.0012	0.00042	-	-	-	-	ND		0.0012	0.00038	ND		0.0012	0.00042	ND		0.0015	0.00049
Chloroethane	75-00-3		ND		0.0024	0.00055	ND		0.0025	0.00056	-	-	-	-	ND		0.0023	0.00052	ND		0.0025	0.00056	ND		0.003	0.00067
1,1-Dichloroethene	75-35-4	0.33	ND		0.0012	0.00029	ND		0.0012	0.0003	-	-	-	-	ND		0.0012	0.00027	ND		0.0012	0.0003	ND		0.0015	0.00035
trans-1,2-Dichloroethene	156-60-5	0.19	ND		0.0018	0.00016	ND		0.0019	0.00017	-	-	-	-	ND		0.0017	0.00016	ND		0.0019	0.00017	ND		0.0022	0.0002
Trichloroethene	79-01-6	0.47	ND		0.0006	0.00016	ND		0.00062	0.00017	-	-	-	-	ND		0.00058	0.00016	ND		0.00062	0.00017	ND		0.00074	0.0002
1,2-Dichlorobenzene	95-50-1	1.1	ND		0.0024	0.00017	ND		0.0025	0.00018	-	-	-	-	ND		0.0023	0.00016	ND		0.0025	0.00018	ND		0.003	0.00021
1,3-Dichlorobenzene	541-73-1	2.4	ND		0.0024	0.00018	ND		0.0025	0.00018	-	-	-	-	ND		0.0023	0.00017	ND		0.0025	0.00018	ND		0.003	0.00022
1,4-Dichlorobenzene	106-46-7	1.8	ND		0.0024	0.00021	ND		0.0025	0.00021	-	-	-	-	ND		0.0023	0.0002	ND		0.0025	0.00021	ND		0.003	0.00025
Methyl tert butyl ether	1634-04-4	0.93	ND		0.0024	0.00024	ND		0.0025	0.00025	-	-	-	-	ND		0.0023	0.00023	ND		0.0025	0.00025	ND		0.003	0.0003
p/m-Xylene	179601-23-1		ND		0.0024	0.00068	ND		0.0025	0.0007	-	-	-	-	ND		0.0023	0.00064	ND		0.0025	0.0007	ND		0.003	0.00083
o-Xylene	95-47-6		ND		0.0012	0.00035	ND		0.0012	0.00036	-	-	-	-	ND		0.0012	0.00034	ND		0.0012	0.00036	ND		0.0015	0.00043
Xylenes, Total	1330-20-7	0.26	ND		0.0012	0.00035	ND		0.0012	0.00036	-	-	-	-	ND		0.0012	0.00034	ND		0.0012	0.00036	ND		0.0015	0.00043
cis-1,2-Dichloroethene	156-59-2	0.25	ND		0.0012	0.00021	ND		0.0012	0.00022	-	-	-	-	ND		0.0012	0.0002	ND		0.0012	0.00022	ND		0.0015	0.00026
1,2-Dichloroethene, Total	540-59-0		ND		0.0012	0.00016	ND		0.0012	0.00017	-	-	-	-	ND		0.0012	0.00016	ND		0.0012	0.00017	ND		0.0015	0.0002
Dibromomethane	74-95-3		ND		0.0024	0.00029	ND		0.0025	0.0003	-	-	-	-	ND		0.0023	0.00027	ND		0.0025	0.0003	ND		0.003	0.00035
Styrene	100-42-5		ND		0.0012	0.00024	ND		0.0012	0.00024	-	-	-	-	0.00026	J	0.0012	0.00022	0.00045	J	0.0012	0.00024	0.00047	J	0.0015	0.00029
Dichlorodifluoromethane	75-71-8		ND		0.012	0.0011	ND		0.012	0.0011	-	-	-	-	ND		0.012	0.001	ND		0.012	0.0011	ND		0.015	0.0013
Acetone	67-64-1	0.05	ND		0.012	0.0058	0.0091	J	0.012	0.006	-	-	-	-	ND		0.012	0.0055	ND		0.012	0.006	ND		0.015	0.0071
Carbon disulfide	75-15-0		ND		0.012	0.0055	ND		0.012	0.0057	-	-	-	-	ND		0.012	0.0052	ND		0.012	0.0057	ND		0.015	0.0067
2-Butanone	78-93-3	0.12	ND		0.012	0.0027	ND		0.012	0.0028	-	-	-	-	ND		0.012	0.0026	ND		0.012	0.0028	ND		0.015	0.0033
Vinyl acetate	108-05-4		ND		0.012	0.0026	ND		0.012	0.0027	-	-	-	-	ND		0.012	0.0025	ND		0.012	0.0027	ND		0.015	0.0032
4-Methyl-2-pentanone	108-10-1		ND		0.012	0.0015	ND		0.012	0.0016	-	-	-	-	ND		0.012	0.0015	ND		0.012	0.0016	ND		0.015	0.0019
1,2,3-Trichloropropane	96-18-4		ND		0.0024	0.00015	ND		0.0025	0.00016	-	-	-	-	ND		0.0023	0.00015	ND		0.0025	0.00016	ND		0.003	0.00019
2-Hexanone	591-78-6		ND		0.012	0.0014	ND		0.012	0.0015	-	-	-	-	ND		0.012	0.0014	ND		0.012	0.0015	ND		0.015	0.0017
Bromochloromethane	74-97-5		ND		0.0024	0.00025	ND		0.0025	0.00026	-	-	-	-	ND		0.0023	0.00024	ND		0.0025	0.00026	ND		0.003	0.0003
2,2-Dichloropropane	594-20-7		ND		0.0024	0.00024	ND		0.0025	0.00025	-	-	-	-	ND		0.0023	0.00023	ND		0.0025	0.00025	ND		0.003	0.0003

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	**DUP-1 - RA-32(8.5-9)**				**RA-43 (8-8.5')**				**RA-43 (9-9.5)**				**RA-47 (5-5.5)**				**RA-51A (11-11.5')**				**RA-50A (11-11.5')**			
		LAB ID:	**L2210455-09**				**L2210455-02**				**L2212132-02**				**L2211685-01**				**L2210130-05**				**L2210130-06**			
		COLLECTION DATE:	**2/28/2022**				**2/28/2022**				**3/8/2022**				**3/7/2022**				**2/24/2022**				**2/24/2022**			
		SAMPLE MATRIX:	**SOIL**				**SOIL**				**SOIL**				**SOIL**				**SOIL**				**SOIL**			
		NY-UNRES																								
		(mg/kg)	**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																										
1,2-Dibromoethane	106-93-4		ND		0.0012	0.00034	ND		0.0012	0.00035	-	-	-	-	ND		0.0012	0.00032	ND		0.0012	0.00035	ND		0.0015	0.00041
1,3-Dichloropropane	142-28-9		ND		0.0024	0.0002	ND		0.0025	0.00021	-	-	-	-	ND		0.0023	0.00019	ND		0.0025	0.00021	ND		0.003	0.00025
1,1,1,2-Tetrachloroethane	630-20-6		ND		0.0006	0.00016	ND		0.00062	0.00016	-	-	-	-	ND		0.00058	0.00015	ND		0.00062	0.00016	ND		0.00074	0.00019
Bromobenzene	108-86-1		ND		0.0024	0.00018	ND		0.0025	0.00018	-	-	-	-	ND		0.0023	0.00017	ND		0.0025	0.00018	ND		0.003	0.00021
n-Butylbenzene	104-51-8	12	ND		0.0012	0.0002	ND		0.0012	0.00021	-	-	-	-	ND		0.0012	0.00019	ND		0.0012	0.00021	ND		0.0015	0.00025
sec-Butylbenzene	135-98-8	11	ND		0.0012	0.00018	ND		0.0012	0.00018	-	-	-	-	ND		0.0012	0.00017	ND		0.0012	0.00018	ND		0.0015	0.00022
tert-Butylbenzene	98-06-6	5.9	ND		0.0024	0.00014	ND		0.0025	0.00015	-	-	-	-	ND		0.0023	0.00014	ND		0.0025	0.00015	ND		0.003	0.00017
o-Chlorotoluene	95-49-8		ND		0.0024	0.00023	ND		0.0025	0.00024	-	-	-	-	ND		0.0023	0.00022	ND		0.0025	0.00024	ND		0.003	0.00028
p-Chlorotoluene	106-43-4		ND		0.0024	0.00013	ND		0.0025	0.00014	-	-	-	-	ND		0.0023	0.00012	ND		0.0025	0.00014	ND		0.003	0.00016
1,2-Dibromo-3-chloropropane	96-12-8		ND		0.0036	0.0012	ND		0.0038	0.0012	-	-	-	-	ND		0.0034	0.0011	ND		0.0038	0.0012	ND		0.0044	0.0015
Hexachlorobutadiene	87-68-3		ND		0.0048	0.0002	ND		0.005	0.00021	-	-	-	-	ND		0.0046	0.00019	ND		0.005	0.00021	ND		0.0059	0.00025
Isopropylbenzene	98-82-8		ND		0.0012	0.00013	ND		0.0012	0.00014	-	-	-	-	ND		0.0012	0.00012	ND		0.0012	0.00014	ND		0.0015	0.00016
p-Isopropyltoluene	99-87-6		ND		0.0012	0.00013	ND		0.0012	0.00014	-	-	-	-	ND		0.0012	0.00012	ND		0.0012	0.00014	ND		0.0015	0.00016
Naphthalene	91-20-3	12	ND		0.0048	0.00079	ND		0.005	0.00081	-	-	-	-	ND		0.0046	0.00075	ND		0.005	0.00081	ND		0.0059	0.00096
Acrylonitrile	107-13-1		ND		0.0048	0.0014	ND		0.005	0.0014	-	-	-	-	ND		0.0046	0.0013	ND		0.005	0.0014	ND		0.0059	0.0017
n-Propylbenzene	103-65-1	3.9	ND		0.0012	0.00021	ND		0.0012	0.00021	-	-	-	-	ND		0.0012	0.0002	ND		0.0012	0.00021	ND		0.0015	0.00025
1,2,3-Trichlorobenzene	87-61-6		ND		0.0024	0.00039	ND		0.0025	0.0004	-	-	-	-	ND		0.0023	0.00037	ND		0.0025	0.0004	ND		0.003	0.00048
1,2,4-Trichlorobenzene	120-82-1		ND		0.0024	0.00033	ND		0.0025	0.00034	-	-	-	-	ND		0.0023	0.00031	ND		0.0025	0.00034	ND		0.003	0.0004
1,3,5-Trimethylbenzene	108-67-8	8.4	ND		0.0024	0.00023	ND		0.0025	0.00024	-	-	-	-	ND		0.0023	0.00022	ND		0.0025	0.00024	ND		0.003	0.00028
1,2,4-Trimethylbenzene	95-63-6	3.6	ND		0.0024	0.0004	ND		0.0025	0.00042	-	-	-	-	0.00053	J	0.0023	0.00038	ND		0.0025	0.00042	ND		0.003	0.00049
1,4-Dioxane	123-91-1	0.1	ND		0.097	0.042	ND		0.1	0.044	-	-	-	-	ND		0.092	0.04	ND		0.1	0.044	ND		0.12	0.052
p-Diethylbenzene	105-05-5		ND		0.0024	0.00021	ND		0.0025	0.00022	-	-	-	-	0.00051	J	0.0023	0.0002	ND		0.0025	0.00022	ND		0.003	0.00026
p-Ethyltoluene	622-96-8		ND		0.0024	0.00046	ND		0.0025	0.00048	-	-	-	-	ND		0.0023	0.00044	ND		0.0025	0.00048	ND		0.003	0.00057
1,2,4,5-Tetramethylbenzene	95-93-2		ND		0.0024	0.00023	ND		0.0025	0.00024	-	-	-	-	0.00034	J	0.0023	0.00022	ND		0.0025	0.00024	ND		0.003	0.00028
Ethyl ether	60-29-7		ND		0.0024	0.00041	ND		0.0025	0.00043	-	-	-	-	ND		0.0023	0.00039	ND		0.0025	0.00043	ND		0.003	0.0005
trans-1,4-Dichloro-2-butene	110-57-6		ND		0.006	0.0017	ND		0.0062	0.0018	-	-	-	-	ND		0.0058	0.0016	ND		0.0062	0.0018	ND		0.0074	0.0021
Total VOCs			-	-	-	-	0.0091	-	-	-	-	-	-		0.00334	-	-	-	0.00255	-	-	-	0.00287	-	-	-
TOTAL METALS																										
Aluminum, Total	7429-90-5		4550		8.01	2.16	4920		8.26	2.23	-	-	-	-	7630		8.43	2.28	5870		7.93	2.14	3650		9.6	2.59
Antimony, Total	7440-36-0		ND		4.01	0.304	ND		4.13	0.314	-	-	-	-	ND		4.22	0.32	ND		3.96	0.301	ND		4.8	0.365
Arsenic, Total	7440-38-2	13	1.53		0.801	0.167	2.17		0.826	0.172	-	-	-	-	1.54		0.843	0.175	0.618	J	0.793	0.165	0.692	J	0.96	0.2
Barium, Total	7440-39-3	350	68.2		0.801	0.139	180		0.826	0.144	-	-	-	-	52.4		0.843	0.147	42.8		0.793	0.138	22.8		0.96	0.167
Beryllium, Total	7440-41-7	7.2	ND		0.401	0.026	0.033	J	0.413	0.027	-	-	-	-	0.202	J	0.422	0.028	0.143	J	0.396	0.026	ND		0.48	0.032
Cadmium, Total	7440-43-9	2.5	0.096	J	0.801	0.079	0.14	J	0.826	0.081	-	-	-	-	0.118	J	0.843	0.083	0.285	J	0.793	0.078	0.192	J	0.96	0.094
Calcium, Total	7440-70-2		12100		8.01	2.8	7950		8.26	2.89	-	-	-	-	9760		8.43	2.95	1190		7.93	2.77	27000		9.6	3.36
Chromium, Total	7440-47-3		9.53		0.801	0.077	10.5		0.826	0.079	-	-	-	-	17.3		0.843	0.081	10.8		0.793	0.076	5.5		0.96	0.092
Cobalt, Total	7440-48-4		4.83		1.6	0.133	4.64		1.65	0.137	-	-	-	-	7.04		1.69	0.14	6.15		1.58	0.132	3.64		1.92	0.159
Copper, Total	7440-50-8	50	13.6		0.801	0.207	15.1		0.826	0.213	-	-	-	-	25.4		0.843	0.218	9.45		0.793	0.204	10.1		0.96	0.248
Iron, Total	7439-89-6		9750		4.01	0.724	9830		4.13	0.746	-	-	-	-	15000		4.22	0.761	10400		3.96	0.716	6860		4.8	0.867
Lead, Total	7439-92-1	63	39.1		4.01	0.215	120		4.13	0.221	42.1		2.06	0.11	38.8		4.22	0.226	2.77	J	3.96	0.212	5		4.8	0.257
Magnesium, Total	7439-95-4		7010		8.01	1.23	4540		8.26	1.27	-	-	-	-	7960		8.43	1.3	4360		7.93	1.22	17700		9.6	1.48
Manganese, Total	7439-96-5	1600	134		0.801	0.127	189		0.826	0.131	-	-	-	-	295		0.843	0.134	254		0.793	0.126	116		0.96	0.153
Mercury, Total	7439-97-6	0.18	0.053	J	0.067	0.044	0.138		0.069	0.045	-	-	-	-	0.095		0.071	0.046	ND		0.066	0.043	ND		0.079	0.051
Nickel, Total	7440-02-0	30	6.95		2	0.194	6.76		2.06	0.2	-	-	-	-	11.4		2.11	0.204	8		1.98	0.192	5.59		2.4	0.232
Potassium, Total	7440-09-7		1200		200	11.5	1140		206	11.9	-	-	-	-	1700		211	12.1	1220		198	11.4	887		240	13.8
Selenium, Total	7782-49-2	3.9	ND		1.6	0.207	ND		1.65	0.213	-	-	-	-	ND		1.69	0.218	ND		1.58	0.204	ND		1.92	0.248
Silver, Total	7440-22-4	2	ND		0.801	0.227	ND		0.826	0.234	-	-	-	-	ND		0.843	0.239	ND		0.814	0.23	ND		0.952	0.27
Sodium, Total	7440-23-5		151	J	160	2.52	60.1	J	165	2.6	-	-	-	-	488		169	2.66	630		163	2.56	114	J	190	3

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	DUP-1 - RA-32(8.5-9)				RA-43 (8-8.5')				RA-43 (9-9.5)				RA-47 (5-5.5)				RA-51A (11-11.5')				RA-50A (11-11.5')			
		LAB ID:	L2210455-09				L2210455-02				L2212132-02				L2211685-01				L2210130-05				L2210130-06			
		COLLECTION DATE:	2/28/2022				2/28/2022				3/8/2022				3/7/2022				2/24/2022				2/24/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																								
		(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																										
Thallium, Total	7440-28-0		ND		1.6	0.252	ND		1.65	0.26	-	-	-	-	ND		1.69	0.266	ND		1.58	0.25	ND		1.92	0.302
Vanadium, Total	7440-62-2		13.9		0.801	0.163	14.3		0.826	0.168	-	-	-	-	27		0.843	0.171	13		0.793	0.161	7.83		0.96	0.195
Zinc, Total	7440-66-6	109	52.8		4.01	0.235	115		4.13	0.242	50.3		2.06	0.12	52.5		4.22	0.247	24.8		3.96	0.232	19.2		4.8	0.281
GENERAL CHEMISTRY																										
Solids, Total	NONE		93.7		0.1	NA	91.9		0.1	NA	91.6		0.1	NA	92.8		0.1	NA	95		0.1	NA	80.7		0.1	NA
Cyanide, Total	57-12-5	27	ND		1	0.22	ND		1	0.22	-	-	-	-	ND		1	0.21	ND		1	0.22	ND		1.2	0.25

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Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	2030005-09								2030493-02								2021348-05				2021348-06			
		SAMPLE ID:	Dup-1				2030005-02				RA-43 (9-9.5)				2030404-07				RA-51A (11-11.5')				RA-50A (11-11.5')			
		COLLECTION DATE:	02/28/2022 00:00				RA-43 (8-8.5)				03/08/2022 09:00				RA-47 (5-5.5)				02/24/2022 11:50				02/24/2022 11:55			
		SAMPLE MATRIX:	Soil				02/28/2022 13:55				Soil				03/07/2022 08:00				Soil				Soil			
		NY-UNRES					Soil								Soil											
		(mg/kg)																								
Compound	**CAS#**																									
General Chemistry (%)			Result	ualifier		ZERO	Result	ualifier		ZERO	Result	Qualifier		ZERO	Result	ualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO
Percent Solids	PERSOL		**94.2**				**94.5**				**93.5**				**93.3**				**91.1**				**82.9**			
PCBs (mg/kg)			Result	ualifi	MDL	RL	Result	ualifi	MDL	RL	Result	Qualifier	MDL	RL	Result	ualifi	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
Aroclor-1016	12674-11-2		0.0047	U	0.0047	0.035	0.0234	U	0.0234	0.175					0.00474	U	0.00474	0.0354	0.00486	U	0.00486	0.0362	0.00534	U	0.00534	0.0398
Aroclor-1221	11104-28-2		0.00924	U	0.00924	0.035	0.046	U	0.046	0.175					0.00933	U	0.00933	0.0354	0.00956	U	0.00956	0.0362	0.0105	U	0.0105	0.0398
Aroclor-1232	11141-16-5		0.0118	U	0.0118	0.035	0.0586	U	0.0586	0.175					0.0119	U	0.0119	0.0354	0.0122	U	0.0122	0.0362	0.0134	U	0.0134	0.0398
Aroclor-1242	53469-21-9		0.00688	U	0.00688	0.035	2.23	D	0.0177	0.175	0.00693	U	0.00693	0.0353	0.00695	U	0.00695	0.0354	0.00712	U	0.00712	0.0362	0.00782	U	0.00782	0.0398
Aroclor-1248	12672-29-6		0.0072	U	0.0072	0.035	0.0359	U	0.0359	0.175					0.00727	U	0.00727	0.0354	0.00745	U	0.00745	0.0362	0.00818	U	0.00818	0.0398
Aroclor-1254	11097-69-1		0.00565	U	0.00565	0.035	0.0282	U	0.0282	0.175					0.00571	U	0.00571	0.0354	0.00585	U	0.00585	0.0362	0.00642	U	0.00642	0.0398
Aroclor-1260	11096-82-5		0.00439	U	0.00439	0.035	0.0219	U	0.0219	0.175					0.00443	U	0.00443	0.0354	0.00454	U	0.00454	0.0362	0.00498	U	0.00498	0.0398
Aroclor-1262	37324-23-5		0.00942	U	0.00942	0.035	0.047	U	0.047	0.175					0.00952	U	0.00952	0.0354	0.00975	U	0.00975	0.0362	0.0107	U	0.0107	0.0398
Aroclor-1268	11100-14-4		0.00424	U	0.00424	0.035	0.0211	U	0.0211	0.175					0.00428	U	0.00428	0.0354	0.00438	U	0.00438	0.0362	0.00481	U	0.00481	0.0398
Total PCBs	1336-36-3	0.1	0.00327	U	0.00327	0.035	2.23	D	0.0163	0.175	0.00329	U	0.00329	0.0353	0.0033	U	0.0033	0.0354	0.00338	U	0.00338	0.0362	0.00371	U	0.00371	0.0398
Pesticides (mg/kg)			Result	ualifi	MDL	RL	Result	ualifi	MDL	RL	Result	Qualifier	MDL	RL	Result	ualifi	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	72-54-8	0.0033	0.00589		0.000631	0.00138	0.00467		0.000629	0.00137	0.000636	U	0.000636	0.00139	0.000638	U	0.000638	0.00139	0.000653	U	0.000653	0.00143	0.000717	U	0.000717	0.00157
4,4'-DDE	72-55-9	0.0033	0.00775		0.000755	0.00138	0.000752	U	0.000752	0.00137					0.000762	U	0.000762	0.00139	0.000781	U	0.000781	0.00143	0.000857	U	0.000857	0.00157
4,4'-DDT	50-29-3	0.0033	0.0093		0.000974	0.00138	0.00597		0.000971	0.00137	0.000982	U	0.000982	0.00139	0.000984	U	0.000984	0.00139	0.00101	U	0.00101	0.00143	0.00111	U	0.00111	0.00157
Aldrin	309-00-2	0.005	0.000654	U	0.000654	0.00138	0.000652	U	0.000652	0.00137					0.00066	U	0.00066	0.00139	0.000676	U	0.000676	0.00143	0.000743	U	0.000743	0.00157
alpha-BHC	319-84-6	0.02	0.000411	U	0.000411	0.00138	0.000409	U	0.000409	0.00137					0.000415	U	0.000415	0.00139	0.000425	U	0.000425	0.00143	0.000467	U	0.000467	0.00157
alpha-Chlordane (cis)	5103-71-9		0.00088	U	0.00088	0.00138	0.000877	U	0.000877	0.00137					0.000888	U	0.000888	0.00139	0.00091	U	0.00091	0.00143	0.001	U	0.001	0.00157
beta-BHC	319-85-7	0.036	0.000659	U	0.000659	0.00138	0.000657	U	0.000657	0.00137					0.000666	U	0.000666	0.00139	0.000682	U	0.000682	0.00143	0.000749	U	0.000749	0.00157
Chlordane	57-74-9		0.000613	U	0.000613	0.00138	0.000611	U	0.000611	0.00137					0.000619	U	0.000619	0.00139	0.000635	U	0.000635	0.00143	0.000697	U	0.000697	0.00157
delta-BHC	319-86-8	0.04	0.000641	U	0.000641	0.00138	0.000639	U	0.000639	0.00137					0.000647	U	0.000647	0.00139	0.000663	U	0.000663	0.00143	0.000728	U	0.000728	0.00157
Dieldrin	60-57-1	0.005	0.000722	U	0.000722	0.00138	0.000719	U	0.000719	0.00137					0.000729	U	0.000729	0.00139	0.000747	U	0.000747	0.00143	0.00082	U	0.00082	0.00157
Endosulfan I	959-98-8	2.4	0.000652	U	0.000652	0.00138	0.000649	U	0.000649	0.00137					0.000658	U	0.000658	0.00139	0.000674	U	0.000674	0.00143	0.00074	U	0.00074	0.00157
Endosulfan II	33213-65-9	2.4	0.000627	U	0.000627	0.00138	0.000625	U	0.000625	0.00137					0.000633	U	0.000633	0.00139	0.000649	U	0.000649	0.00143	0.000713	U	0.000713	0.00157
Endosulfan sulfate	1031-07-8	2.4	0.000519	U	0.000519	0.00138	0.000517	U	0.000517	0.00137					0.000524	U	0.000524	0.00139	0.000537	U	0.000537	0.00143	0.00059	U	0.00059	0.00157
Endosulfans, Total (alpha and beta)	115-29-7		0.000627	U	0.000627	0.00138	0.000625	U	0.000625	0.00137					0.000633	U	0.000633	0.00139	0.000649	U	0.000649	0.00143	0.000713	U	0.000713	0.00157
Endrin	72-20-8	0.014	0.000477	U	0.000477	0.00138	0.000475	U	0.000475	0.00137					0.000481	U	0.000481	0.00139	0.000493	U	0.000493	0.00143	0.000541	U	0.000541	0.00157
Endrin aldehyde	7421-93-4		0.00055	U	0.00055	0.00138	0.000548	U	0.000548	0.00137					0.000555	U	0.000555	0.00139	0.000569	U	0.000569	0.00143	0.000625	U	0.000625	0.00157
Endrin ketone	53494-70-5		0.000486	U	0.000486	0.00138	0.000484	U	0.000484	0.00137					0.000491	U	0.000491	0.00139	0.000503	U	0.000503	0.00143	0.000552	U	0.000552	0.00157
gamma-BHC (Lindane)	58-89-9	0.1	0.000437	U	0.000437	0.00138	0.000436	U	0.000436	0.00137					0.000442	U	0.000442	0.00139	0.000452	U	0.000452	0.00143	0.000497	U	0.000497	0.00157
gamma-Chlordane	5566-34-7		0.000613	U	0.000613	0.00138	0.000611	U	0.000611	0.00137					0.000619	U	0.000619	0.00139	0.000635	U	0.000635	0.00143	0.000697	U	0.000697	0.00157
Heptachlor	76-44-8	0.042	0.000369	U	0.000369	0.00138	0.000368	U	0.000368	0.00137					0.000373	U	0.000373	0.00139	0.000382	U	0.000382	0.00143	0.00042	U	0.00042	0.00157
Heptachlor Epoxide	1024-57-3		**0.00166**		0.000696	0.00138	0.000694	U	0.000694	0.00137					0.000703	U	0.000703	0.00139	0.00072	U	0.00072	0.00143	0.000791	U	0.000791	0.00157
Methoxychlor	72-43-5		0.000404	U	0.000404	0.00138	0.000403	U	0.000403	0.00137					0.000408	U	0.000408	0.00139	0.000418	U	0.000418	0.00143	0.000459	U	0.000459	0.00157
Toxaphene	8001-35-2		0.0665	U	0.0665	0.07	0.0662	U	0.0662	0.0698					0.0671	U	0.0671	0.0707	0.0688	U	0.0688	0.0725	0.0755	U	0.0755	0.0796
Semivolatile Organics - GC/MS (mg/kg)			Result	ualifi	MDL	RL	Result	ualifi	MDL	RL					Result	ualifi	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
1,2,4,5-Tetrachlorobenzene	95-94-3		0.0214	U	0.0214	0.141	0.0214	U	0.0214	0.141					0.0216	U	0.0216	0.143	0.0222	U	0.0222	0.146	0.0244	U	0.0244	0.16
1,2,4-Trichlorobenzene	120-82-1		0.0145	U	0.0145	0.141	0.0145	U	0.0145	0.141					0.0147	U	0.0147	0.143	0.015	U	0.015	0.146	0.0165	U	0.0165	0.16
1,2-Dichlorobenzene	95-50-1	1.1	0.0264	U	0.0264	0.141	0.0263	U	0.0263	0.141					0.0267	U	0.0267	0.143	0.0273	U	0.0273	0.146	0.03	U	0.03	0.16
1,3-Dichlorobenzene	541-73-1	2.4	0.0183	U	0.0183	0.141	0.0182	U	0.0182	0.141					0.0184	U	0.0184	0.143	0.0189	U	0.0189	0.146	0.0207	U	0.0207	0.16
1,4-Dichlorobenzene	106-46-7	1.8	0.0179	U	0.0179	0.141	0.0179	U	0.0179	0.141					0.0181	U	0.0181	0.143	0.0186	U	0.0186	0.146	0.0204	U	0.0204	0.16
1,4-Dioxane	123-91-1	0.1	0.00399	U	0.00399	0.0353	0.00398	U	0.00398	0.0352					0.00403	U	0.00403	0.0357	0.00413	U	0.00413	0.0366	0.00453	U	0.00453	0.0401
2,4,5-Trichlorophenol	95-95-4		0.0192	U	0.0192	0.141	0.0191	U	0.0191	0.141					0.0194	U	0.0194	0.143	0.0199	U	0.0199	0.146	0.0218	U	0.0218	0.16
2,4,6-Trichlorophenol	88-06-2		0.00884	U	0.00884	0.141	0.00881	U	0.00881	0.141					0.00893	U	0.00893	0.143	0.00915	U	0.00915	0.146	0.01	U	0.01	0.16
2,4-Dichlorophenol	120-83-2		0.0142	U	0.0142	0.141	0.0142	U	0.0142	0.141					0.0144	U	0.0144	0.143	0.0147	U	0.0147	0.146	0.0162	U	0.0162	0.16
2,4-Dimethylphenol	105-67-9		0.0139	U	0.0139	0.141	0.0139	U	0.0139	0.141					0.014	U	0.014	0.143	0.0144	U	0.0144	0.146	0.0158	U	0.0158	0.16
2,4-Dinitrophenol	51-28-5		0.0204	U	0.0204	0.708	0.0203	U	0.0203	0.705					0.0206	U	0.0206	0.715	0.0211	U	0.0211	0.732	0.0231	U	0.0231	0.804
2,4-Dinitrotoluene	121-14-2		0.0151	U	0.0151	0.141	0.015	U	0.015	0.141					0.0152	U	0.0152	0.143	0.0156	U	0.0156	0.146	0.0171	U	0.0171	0.16
2,6-Dinitrotoluene	606-20-2		0.0337	U	0.0337	0.141	0.0336	U	0.0336	0.141					0.0341	U	0.0341	0.143	0.0349	U	0.0349	0.146	0.0383	U	0.0383	0.16
2-Chloronaphthalene	91-58-7		0.0162	U	0.0162	0.141	0.0162	U	0.0162	0.141					0.0164	U	0.0164	0.143	0.0168	U	0.0168	0.146	0.0184	U	0.0184	0.16
2-Chlorophenol	95-57-8		0.0187	U	0.0187	0.141	0.0186	U	0.0186	0.141					0.0189	U	0.0189	0.143	0.0193	U	0.0193	0.146	0.0212	U	0.0212	0.16
2-Methylnaphthalene	91-57-6		0.0339	U	0.0339	0.212	0.0337	U	0.0337	0.212					0.0342	U	0.0342	0.214	0.035	U	0.035	0.22	0.0385	U	0.0385	0.241
2-Methylphenol	95-48-7	0.33	0.0279	U	0.0279	0.141	0.0278	U	0.0278	0.141					0.0282	U	0.0282	0.143	0.0289	U	0.0289	0.146	0.0317	U	0.0317	0.16
2-Nitroaniline	88-74-4		0.0114	U	0.0114	0.141	0.0113	U	0.0113	0.141					0.0115	U	0.0115	0.143	0.0117	U	0.0117	0.146	0.0129	U	0.0129	0.16
2-Nitrophenol	88-75-5		0.0157	U	0.0157	0.141	0.0157	U	0.0157	0.141					0.0159	U	0.0159	0.143	0.0163	U	0.0163	0.146	0.0178	U	0.0178	0.16
3,3'-Dichlorobenzidine	91-94-1		0.0149	U	0.0149	0.141	0.0148	U	0.0148	0.141					0.015	U	0.015	0.143	0.0154	U	0.0154	0.146	0.0169	U	0.0169	0.16
3+4-Methylphenol	65794-96-9	0.33	0.0259	U	0.0259	0.141	0.0258	U	0.0258	0.141					0.0261	U	0.0261	0.143	0.0268	U	0.0268	0.146	0.0294	U	0.0294	0.16

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	2030005-09								2030493-02				2030404-07				2021348-05				2021348-06			
		SAMPLE ID:	Dup-1				2030005-02				RA-43 (9-9.5)				RA-47 (5-5.5)				RA-51A (11-11.5')				RA-50A (11-11.5')			
		COLLECTION DATE:	02/28/2022 00:00				RA-43 (8-8.5)				03/08/2022 09:00				03/07/2022 08:00				02/24/2022 11:50				02/24/2022 11:55			
		SAMPLE MATRIX:	Soil				02/28/2022 13:55				Soil				Soil				Soil				Soil			
		NY-UNRES					Soil																			
Semivolatile Organics - GC/MS (mg/kg)																										
3-Nitroaniline	99-09-2		0.0262	U	0.0262	0.141	0.0261	U	0.0261	0.141					0.0265	U	0.0265	0.143	0.0271	U	0.0271	0.146	0.0298	U	0.0298	0.16
4,6-Dinitro-2-methylphenol	534-52-1		0.0266	U	0.0266	0.353	0.0265	U	0.0265	0.352					0.0269	U	0.0269	0.357	0.0276	U	0.0276	0.366	0.0303	U	0.0303	0.401
4-Bromophenyl-phenyl ether	101-55-3		0.0202	U	0.0202	0.141	0.0201	U	0.0201	0.141					0.0204	U	0.0204	0.143	0.0209	U	0.0209	0.146	0.0229	U	0.0229	0.16
4-Chloro-3-methylphenol	59-50-7		0.0223	U	0.0223	0.141	0.0222	U	0.0222	0.141					0.0225	U	0.0225	0.143	0.0231	U	0.0231	0.146	0.0253	U	0.0253	0.16
4-Chloroaniline	106-47-8		0.00495	U	0.00495	0.141	0.00493	U	0.00493	0.141					0.00499	U	0.00499	0.143	0.00512	U	0.00512	0.146	0.00562	U	0.00562	0.16
4-Chlorophenyl phenyl ether	7005-72-3		0.00763	U	0.00763	0.141	0.0076	U	0.0076	0.141					0.00771	U	0.00771	0.143	0.00789	U	0.00789	0.146	0.00867	U	0.00867	0.16
4-Nitroaniline	100-01-6		0.0707	U	0.0707	0.141	0.0704	U	0.0704	0.141					0.0714	U	0.0714	0.143	0.0731	U	0.0731	0.146	0.0803	U	0.0803	0.16
4-Nitrophenol	100-02-7		0.00904	U	0.00904	0.141	0.00901	U	0.00901	0.141					0.00913	U	0.00913	0.143	0.00936	U	0.00936	0.146	0.0103	U	0.0103	0.16
Acenaphthene	83-32-9	20	0.00806	U	0.00806	0.141	0.00803	U	0.00803	0.141					**0.0376**	J	0.00813	0.143	0.00833	U	0.00833	0.146	0.00915	U	0.00915	0.16
Acenaphthylene	208-96-8	100	**0.0501**	J	0.00491	0.141	**0.0401**	J	0.0049	0.141					0.00496	U	0.00496	0.143	0.00508	U	0.00508	0.146	0.00558	U	0.00558	0.16
Acetophenone	98-86-2		0.014	U	0.014	0.141	0.014	U	0.014	0.141					0.0141	U	0.0141	0.143	0.0145	U	0.0145	0.146	0.0159	U	0.0159	0.16
Anthracene	120-12-7	100	**0.096**	J	0.0205	0.141	**0.0926**	J	0.0204	0.141					**0.115**	J	0.0207	0.143	0.0212	U	0.0212	0.146	**0.0535**	J	0.0233	0.16
Benzo(a)anthracene	56-55-3	1	**0.469**		0.0142	0.141	**0.414**		0.0142	0.141					**0.516**		0.0144	0.143	0.0147	U	0.0147	0.146	**0.289**		0.0162	0.16
Benzo(a)pyrene	50-32-8	1	**0.404**		0.0246	0.141	**0.352**		0.0245	0.141					**0.479**		0.0249	0.143	0.0255	U	0.0255	0.146	**0.297**		0.028	0.16
Benzo(b)fluoranthene	205-99-2	1	**0.634**		0.0198	0.141	**0.512**		0.0198	0.141					**0.792**		0.02	0.143	0.0205	U	0.0205	0.146	**0.504**		0.0225	0.16
Benzo(g,h,i)perylene	191-24-2	100	**0.305**		0.0115	0.141	**0.261**		0.0114	0.141					**0.384**		0.0116	0.143	0.0119	U	0.0119	0.146	**0.245**		0.013	0.16
Benzo(k)fluoranthene	207-08-9	0.8	**0.252**		0.0162	0.141	**0.213**		0.0162	0.141					**0.257**		0.0164	0.143	0.0168	U	0.0168	0.146	**0.180**		0.0184	0.16
Benzoic acid	65-85-0		0.164	U	0.164	0.353	0.163	U	0.163	0.352					0.165	U	0.165	0.357	0.169	U	0.169	0.366	0.186	U	0.186	0.401
Benzyl alcohol	100-51-6		0.0316	U	0.0316	0.141	0.0315	U	0.0315	0.141					0.0319	U	0.0319	0.143	0.0327	U	0.0327	0.146	0.0359	U	0.0359	0.16
Biphenyl	92-52-4		0.0124	U	0.0124	0.141	0.0124	U	0.0124	0.141					0.0125	U	0.0125	0.143	0.0128	U	0.0128	0.146	0.0141	U	0.0141	0.16
bis(2-chloroethoxy)methane	111-91-1		0.0195	U	0.0195	0.141	0.0195	U	0.0195	0.141					0.0197	U	0.0197	0.143	0.0202	U	0.0202	0.146	0.0222	U	0.0222	0.16
bis(2-chloroethyl)ether	111-44-4		0.0155	U	0.0155	0.141	0.0154	U	0.0154	0.141					0.0156	U	0.0156	0.143	0.016	U	0.016	0.146	0.0176	U	0.0176	0.16
bis(2-chloroisopropyl)ether	108-60-1		0.0508	U	0.0508	0.141	0.0507	U	0.0507	0.141					0.0513	U	0.0513	0.143	0.0526	U	0.0526	0.146	0.0578	U	0.0578	0.16
bis(2-ethylhexyl)phthalate	117-81-7		0.0282	U	0.0282	0.141	**1.37**		0.0281	0.141					0.0285	U	0.0285	0.143	0.0292	U	0.0292	0.146	0.0321	U	0.0321	0.16
Butylbenzylphthalate	85-68-7		0.0128	U	0.0128	0.141	0.0128	U	0.0128	0.141					0.013	U	0.013	0.143	0.0133	U	0.0133	0.146	0.0146	U	0.0146	0.16
Carbazole	86-74-8		**0.0495**	J	0.0272	0.353	**0.0409**	J	0.0271	0.352					**0.111**	J	0.0274	0.357	0.0281	U	0.0281	0.366	**0.0547**	J	0.0309	0.401
Chrysene	218-01-9	1	**0.513**		0.00968	0.141	**0.406**		0.00965	0.141					**0.755**		0.00977	0.143	0.01	U	0.01	0.146	**0.443**		0.011	0.16
Dibenzo(a,h)anthracene	53-70-3	0.33	**0.0903**	J	0.014	0.141	**0.075**	J	0.014	0.141					**0.0979**	J	0.0141	0.143	0.0145	U	0.0145	0.146	**0.0641**	J	0.0159	0.16
Dibenzofuran	132-64-9	7	0.00842	U	0.00842	0.141	0.00839	U	0.00839	0.141					0.0085	U	0.0085	0.143	0.00871	U	0.00871	0.146	0.00956	U	0.00956	0.16
Diethylphthalate	84-66-2		0.0274	U	0.0274	0.141	0.0273	U	0.0273	0.141					0.0276	U	0.0276	0.143	0.0283	U	0.0283	0.146	0.0311	U	0.0311	0.16
Dimethylphthalate	131-11-3		0.00877	U	0.00877	0.141	0.00874	U	0.00874	0.141					0.00885	U	0.00885	0.143	0.00907	U	0.00907	0.146	0.00996	U	0.00996	0.16
Di-n-butylphthalate	84-74-2		0.0577	U	0.0577	0.141	0.0575	U	0.0575	0.141					0.0583	U	0.0583	0.143	0.0597	U	0.0597	0.146	0.0656	U	0.0656	0.16
Di-n-octylphthalate	117-84-0		0.029	U	0.029	0.141	0.0289	U	0.0289	0.141					0.0293	U	0.0293	0.143	0.03	U	0.03	0.146	0.0329	U	0.0329	0.16
Fluoranthene	206-44-0	100	**0.88**		0.0133	0.141	**0.739**		0.0132	0.141					**1.51**		0.0134	0.143	0.0137	U	0.0137	0.146	**0.786**		0.0151	0.16
Fluorene	86-73-7	30	**0.026**	J	0.0118	0.141	**0.025**	J	0.0117	0.141					**0.0437**	J	0.0119	0.143	0.0122	U	0.0122	0.146	0.0134	U	0.0134	0.16
Hexachlorobenzene	118-74-1	0.33	0.0185	U	0.0185	0.141	0.0184	U	0.0184	0.141					0.0186	U	0.0186	0.143	0.0191	U	0.0191	0.146	0.021	U	0.021	0.16
Hexachlorobutadiene	87-68-3		0.0678	U	0.0678	0.141	0.0676	U	0.0676	0.141					0.0685	U	0.0685	0.143	0.0702	U	0.0702	0.146	0.077	U	0.077	0.16
Hexachlorocyclopentadiene	77-47-4		0.0589	U	0.0589	0.353	0.0587	U	0.0587	0.352					0.0595	U	0.0595	0.357	0.0609	U	0.0609	0.366	0.0669	U	0.0669	0.401
Hexachloroethane	67-72-1		0.0155	U	0.0155	0.141	0.0154	U	0.0154	0.141					0.0156	U	0.0156	0.143	0.016	U	0.016	0.146	0.0176	U	0.0176	0.16
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	**0.264**		0.0152	0.141	**0.226**		0.0151	0.141					**0.296**		0.0153	0.143	0.0157	U	0.0157	0.146	**0.209**		0.0172	0.16
Isophorone	78-59-1		0.00925	U	0.00925	0.141	0.00922	U	0.00922	0.141					0.00935	U	0.00935	0.143	0.00957	U	0.00957	0.146	0.0105	U	0.0105	0.16
Naphthalene	91-20-3	12	0.0105	U	0.0105	0.141	0.0104	U	0.0104	0.141					0.0106	U	0.0106	0.143	0.0108	U	0.0108	0.146	0.0119	U	0.0119	0.16
Nitrobenzene	98-95-3		0.024	U	0.024	0.141	0.0239	U	0.0239	0.141					0.0242	U	0.0242	0.143	0.0248	U	0.0248	0.146	0.0272	U	0.0272	0.16
n-Nitroso-di-n-propylamine	621-64-7		0.00757	U	0.00757	0.141	0.00754	U	0.00754	0.141					0.00764	U	0.00764	0.143	0.00783	U	0.00783	0.146	0.0086	U	0.0086	0.16
n-Nitrosodiphenylamine	86-30-6		0.0301	U	0.0301	0.141	0.03	U	0.03	0.141					0.0304	U	0.0304	0.143	0.0312	U	0.0312	0.146	0.0342	U	0.0342	0.16
Pentachlorophenol	87-86-5	0.8	0.0194	U	0.0194	0.353	0.0194	U	0.0194	0.352					0.0196	U	0.0196	0.357	0.0201	U	0.0201	0.366	0.0221	U	0.0221	0.401
Phenanthrene	85-01-8	100	**0.407**		0.0186	0.141	**0.355**		0.0185	0.141					**0.759**		0.0188	0.143	0.0192	U	0.0192	0.146	**0.344**		0.0211	0.16
Phenol	108-95-2	0.33	0.0115	U	0.0115	0.141	0.0114	U	0.0114	0.141					0.0116	U	0.0116	0.143	0.0119	U	0.0119	0.146	0.013	U	0.013	0.16
Pyrene	129-00-0	100	**0.695**		0.0104	0.141	**0.58**		0.0104	0.141					**1.06**		0.0105	0.143	0.0107	U	0.0107	0.146	**0.585**		0.0118	0.16

Qualifiers:
U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-54 (8-8.5)				RA-57 (3.5-4.0)				RA-58 (4-4.5)				RA-59 (8-8.5)				RA-59 (12.5-13)				RA-59A (6-6.5)			
		LAB ID:	L2210455-03				L2210313-03				L2210455-06				L2210455-04				L2217211-03				L2210455-07			
		COLLECTION DATE:	2/28/2022				2/25/2022				2/28/2022				2/28/2022				4/4/2022				2/28/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																								
ANALYTE	CAS	(mg/kg)	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	ND		0.0069	0.0032	ND		0.0056	0.0026	ND		0.0064	0.0029	ND		0.007	0.0032					ND		0.006	0.0028
1,1-Dichloroethane	75-34-3	0.27	ND		0.0014	0.0002	ND		0.0011	0.00016	ND		0.0013	0.00018	ND		0.0014	0.0002					ND		0.0012	0.00018
Chloroform	67-66-3	0.37	ND		0.0021	0.00019	ND		0.0017	0.00016	ND		0.0019	0.00018	ND		0.0021	0.0002					ND		0.0018	0.00017
Carbon tetrachloride	56-23-5	0.76	ND		0.0014	0.00032	ND		0.0011	0.00026	ND		0.0013	0.00029	ND		0.0014	0.00032					ND		0.0012	0.00028
1,2-Dichloropropane	78-87-5		ND		0.0014	0.00017	ND		0.0011	0.00014	ND		0.0013	0.00016	ND		0.0014	0.00018					ND		0.0012	0.00015
Dibromochloromethane	124-48-1		ND		0.0014	0.00019	ND		0.0011	0.00016	ND		0.0013	0.00018	ND		0.0014	0.0002					ND		0.0012	0.00017
1,1,2-Trichloroethane	79-00-5		ND		0.0014	0.00037	ND		0.0011	0.0003	ND		0.0013	0.00034	ND		0.0014	0.00037					ND		0.0012	0.00032
Tetrachloroethene	127-18-4	1.3	ND		0.00069	0.00027	ND		0.00056	0.00022	ND		0.00064	0.00025	ND		0.0007	0.00028					0.00028	J	0.0006	0.00024
Chlorobenzene	108-90-7	1.1	ND		0.00069	0.00018	ND		0.00056	0.00014	ND		0.00064	0.00016	ND		0.0007	0.00018					ND		0.0006	0.00015
Trichlorofluoromethane	75-69-4		ND		0.0055	0.00096	ND		0.0045	0.00078	ND		0.0051	0.00089	ND		0.0056	0.00098					ND		0.0048	0.00084
1,2-Dichloroethane	107-06-2	0.02	ND		0.0014	0.00036	ND		0.0011	0.00029	ND		0.0013	0.00033	ND		0.0014	0.00036					ND		0.0012	0.00031
1,1,1-Trichloroethane	71-55-6	0.68	ND		0.00069	0.00023	ND		0.00056	0.00019	ND		0.00064	0.00021	ND		0.0007	0.00023					ND		0.0006	0.0002
Bromodichloromethane	75-27-4		ND		0.00069	0.00015	ND		0.00056	0.00012	ND		0.00064	0.00014	ND		0.0007	0.00015					ND		0.0006	0.00013
trans-1,3-Dichloropropene	10061-02-6		ND		0.0014	0.00038	ND		0.0011	0.00031	ND		0.0013	0.00035	ND		0.0014	0.00038					ND		0.0012	0.00033
cis-1,3-Dichloropropene	10061-01-5		ND		0.00069	0.00022	ND		0.00056	0.00018	ND		0.00064	0.0002	ND		0.0007	0.00022					ND		0.0006	0.00019
1,3-Dichloropropene, Total	542-75-6		ND		0.00069	0.00022	ND		0.00056	0.00018	ND		0.00064	0.0002	ND		0.0007	0.00022					ND		0.0006	0.00019
1,1-Dichloropropene	563-58-6		ND		0.00069	0.00022	ND		0.00056	0.00018	ND		0.00064	0.0002	ND		0.0007	0.00022					ND		0.0006	0.00019
Bromoform	75-25-2		ND		0.0055	0.00034	ND		0.0045	0.00028	ND		0.0051	0.00031	ND		0.0056	0.00034					ND		0.0048	0.0003
1,1,2,2-Tetrachloroethane	79-34-5		ND		0.00069	0.00023	ND		0.00056	0.00019	ND		0.00064	0.00021	ND		0.0007	0.00023					ND		0.0006	0.0002
Benzene	71-43-2	0.06	ND		0.00069	0.00023	ND		0.00056	0.00019	ND		0.00064	0.00021	ND		0.0007	0.00023					ND		0.0006	0.0002
Toluene	108-88-3	0.7	ND		0.0014	0.00075	ND		0.0011	0.00061	ND		0.0013	0.00069	ND		0.0014	0.00076					ND		0.0012	0.00066
Ethylbenzene	100-41-4	1	ND		0.0014	0.0002	ND		0.0011	0.00016	ND		0.0013	0.00018	ND		0.0014	0.0002					ND		0.0012	0.00017
Chloromethane	74-87-3		ND		0.0055	0.0013	ND		0.0045	0.001	ND		0.0051	0.0012	ND		0.0056	0.0013					ND		0.0048	0.0011
Bromomethane	74-83-9		ND		0.0028	0.0008	ND		0.0022	0.00066	ND		0.0026	0.00074	ND		0.0028	0.00082					ND		0.0024	0.0007
Vinyl chloride	75-01-4	0.02	ND		0.0014	0.00046	ND		0.0011	0.00038	ND		0.0013	0.00043	ND		0.0014	0.00047					ND		0.0012	0.0004
Chloroethane	75-00-3		ND		0.0028	0.00063	ND		0.0022	0.00051	ND		0.0026	0.00058	ND		0.0028	0.00063					ND		0.0024	0.00055
1,1-Dichloroethene	75-35-4	0.33	ND		0.0014	0.00033	ND		0.0011	0.00027	ND		0.0013	0.0003	ND		0.0014	0.00033					ND		0.0012	0.00029
trans-1,2-Dichloroethene	156-60-5	0.19	ND		0.0021	0.00019	ND		0.0017	0.00015	ND		0.0019	0.00018	ND		0.0021	0.00019					ND		0.0018	0.00016
Trichloroethene	79-01-6	0.47	ND		0.00069	0.00019	ND		0.00056	0.00015	ND		0.00064	0.00018	ND		0.0007	0.00019					ND		0.0006	0.00016
1,2-Dichlorobenzene	95-50-1	1.1	ND		0.0028	0.0002	ND		0.0022	0.00016	ND		0.0026	0.00018	ND		0.0028	0.0002					ND		0.0024	0.00017
1,3-Dichlorobenzene	541-73-1	2.4	ND		0.0028	0.0002	ND		0.0022	0.00017	ND		0.0026	0.00019	ND		0.0028	0.00021					ND		0.0024	0.00018
1,4-Dichlorobenzene	106-46-7	1.8	ND		0.0028	0.00024	ND		0.0022	0.00019	ND		0.0026	0.00022	ND		0.0028	0.00024					ND		0.0024	0.00021
Methyl tert butyl ether	1634-04-4	0.93	ND		0.0028	0.00028	ND		0.0022	0.00023	ND		0.0026	0.00026	ND		0.0028	0.00028					ND		0.0024	0.00024
p/m-Xylene	179601-23-1		ND		0.0028	0.00078	ND		0.0022	0.00063	ND		0.0026	0.00072	ND		0.0028	0.00079					ND		0.0024	0.00068
o-Xylene	95-47-6		ND		0.0014	0.0004	ND		0.0011	0.00033	ND		0.0013	0.00037	ND		0.0014	0.00041					ND		0.0012	0.00035
Xylenes, Total	1330-20-7	0.26	ND		0.0014	0.0004	ND		0.0011	0.00033	ND		0.0013	0.00037	ND		0.0014	0.00041					ND		0.0012	0.00035
cis-1,2-Dichloroethene	156-59-2	0.25	ND		0.0014	0.00024	ND		0.0011	0.0002	ND		0.0013	0.00022	ND		0.0014	0.00024					ND		0.0012	0.00021
1,2-Dichloroethene, Total	540-59-0		ND		0.0014	0.00019	ND		0.0011	0.00015	ND		0.0013	0.00018	ND		0.0014	0.00019					ND		0.0012	0.00016
Dibromomethane	74-95-3		ND		0.0028	0.00033	ND		0.0022	0.00027	ND		0.0026	0.0003	ND		0.0028	0.00033					ND		0.0024	0.00029
Styrene	100-42-5		ND		0.0014	0.00027	ND		0.0011	0.00022	ND		0.0013	0.00025	ND		0.0014	0.00028					ND		0.0012	0.00024
Dichlorodifluoromethane	75-71-8		ND		0.014	0.0013	ND		0.011	0.001	ND		0.013	0.0012	ND		0.014	0.0013					ND		0.012	0.0011
Acetone	67-64-1	0.05	ND		0.014	0.0067	ND		0.011	0.0054	ND		0.013	0.0062	ND		0.014	0.0068					ND		0.012	0.0058
Carbon disulfide	75-15-0		ND		0.014	0.0063	ND		0.011	0.0051	ND		0.013	0.0058	ND		0.014	0.0064					ND		0.012	0.0055
2-Butanone	78-93-3	0.12	ND		0.014	0.0031	ND		0.011	0.0025	ND		0.013	0.0028	ND		0.014	0.0031					ND		0.012	0.0027
Vinyl acetate	108-05-4		ND		0.014	0.003	ND		0.011	0.0024	ND		0.013	0.0028	ND		0.014	0.003					ND		0.012	0.0026
4-Methyl-2-pentanone	108-10-1		ND		0.014	0.0018	ND		0.011	0.0014	ND		0.013	0.0016	ND		0.014	0.0018					ND		0.012	0.0015
1,2,3-Trichloropropane	96-18-4		ND		0.0028	0.00018	ND		0.0022	0.00014	ND		0.0026	0.00016	ND		0.0028	0.00018					ND		0.0024	0.00015
2-Hexanone	591-78-6		ND		0.014	0.0016	ND		0.011	0.0013	ND		0.013	0.0015	ND		0.014	0.0016					ND		0.012	0.0014
Bromochloromethane	74-97-5		ND		0.0028	0.00028	ND		0.0022	0.00023	ND		0.0026	0.00026	ND		0.0028	0.00029					ND		0.0024	0.00025
2,2-Dichloropropane	594-20-7		ND		0.0028	0.00028	ND		0.0022	0.00023	ND		0.0026	0.00026	ND		0.0028	0.00028					ND		0.0024	0.00024

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	**RA-54 (8-8.5)**				**RA-57 (3.5-4.0)**				**RA-58 (4-4.5)**				**RA-59 (8-8.5)**				**RA-59 (12.5-13)**				**RA-59A (6-6.5)**			
		LAB ID:	**L2210455-03**				**L2210313-03**				**L2210455-06**				**L2210455-04**				**L2217211-03**				**L2210455-07**			
		COLLECTION DATE:	**2/28/2022**				**2/25/2022**				**2/28/2022**				**2/28/2022**				**4/4/2022**				**2/28/2022**			
		SAMPLE MATRIX:	**SOIL**				**SOIL**				**SOIL**				**SOIL**				**SOIL**				**SOIL**			
		NY-UNRES																								
		(mg/kg)	**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																										
1,2-Dibromoethane	106-93-4		ND		0.0014	0.00039	ND		0.0011	0.00031	ND		0.0013	0.00036	ND		0.0014	0.00039					ND		0.0012	0.00034
1,3-Dichloropropane	142-28-9		ND		0.0028	0.00023	ND		0.0022	0.00019	ND		0.0026	0.00021	ND		0.0028	0.00023					ND		0.0024	0.0002
1,1,1,2-Tetrachloroethane	630-20-6		ND		0.00069	0.00018	ND		0.00056	0.00015	ND		0.00064	0.00017	ND		0.0007	0.00018					ND		0.0006	0.00016
Bromobenzene	108-86-1		ND		0.0028	0.0002	ND		0.0022	0.00016	ND		0.0026	0.00018	ND		0.0028	0.0002					ND		0.0024	0.00018
n-Butylbenzene	104-51-8	12	ND		0.0014	0.00023	ND		0.0011	0.00019	ND		0.0013	0.00021	ND		0.0014	0.00023					ND		0.0012	0.0002
sec-Butylbenzene	135-98-8	11	ND		0.0014	0.0002	ND		0.0011	0.00016	ND		0.0013	0.00019	ND		0.0014	0.0002					ND		0.0012	0.00018
tert-Butylbenzene	98-06-6	5.9	ND		0.0028	0.00016	ND		0.0022	0.00013	ND		0.0026	0.00015	ND		0.0028	0.00016					ND		0.0024	0.00014
o-Chlorotoluene	95-49-8		ND		0.0028	0.00026	ND		0.0022	0.00022	ND		0.0026	0.00024	ND		0.0028	0.00027					ND		0.0024	0.00023
p-Chlorotoluene	106-43-4		ND		0.0028	0.00015	ND		0.0022	0.00012	ND		0.0026	0.00014	ND		0.0028	0.00015					ND		0.0024	0.00013
1,2-Dibromo-3-chloropropane	96-12-8		ND		0.0042	0.0014	ND		0.0034	0.0011	ND		0.0038	0.0013	ND		0.0042	0.0014					ND		0.0036	0.0012
Hexachlorobutadiene	87-68-3		ND		0.0055	0.00023	ND		0.0045	0.00019	ND		0.0051	0.00022	ND		0.0056	0.00024					ND		0.0048	0.0002
Isopropylbenzene	98-82-8		ND		0.0014	0.00015	ND		0.0011	0.00012	ND		0.0013	0.00014	ND		0.0014	0.00015					ND		0.0012	0.00013
p-Isopropyltoluene	99-87-6		ND		0.0014	0.00015	ND		0.0011	0.00012	ND		0.0013	0.00014	ND		0.0014	0.00015					ND		0.0012	0.00013
Naphthalene	91-20-3	12	ND		0.0055	0.0009	ND		0.0045	0.00073	ND		0.0051	0.00083	ND		0.0056	0.00091					0.00091	J	0.0048	0.00079
Acrylonitrile	107-13-1		ND		0.0055	0.0016	ND		0.0045	0.0013	ND		0.0051	0.0015	ND		0.0056	0.0016					ND		0.0048	0.0014
n-Propylbenzene	103-65-1	3.9	ND		0.0014	0.00024	ND		0.0011	0.00019	ND		0.0013	0.00022	ND		0.0014	0.00024					ND		0.0012	0.00021
1,2,3-Trichlorobenzene	87-61-6		ND		0.0028	0.00045	ND		0.0022	0.00036	ND		0.0026	0.00041	ND		0.0028	0.00045					ND		0.0024	0.00039
1,2,4-Trichlorobenzene	120-82-1		ND		0.0028	0.00038	ND		0.0022	0.00031	ND		0.0026	0.00035	ND		0.0028	0.00038					ND		0.0024	0.00033
1,3,5-Trimethylbenzene	108-67-8	8.4	ND		0.0028	0.00027	ND		0.0022	0.00022	ND		0.0026	0.00025	ND		0.0028	0.00027					ND		0.0024	0.00023
1,2,4-Trimethylbenzene	95-63-6	3.6	ND		0.0028	0.00046	ND		0.0022	0.00038	ND		0.0026	0.00043	ND		0.0028	0.00047					ND		0.0024	0.0004
1,4-Dioxane	123-91-1	0.1	ND		0.11	0.049	ND		0.09	0.04	ND		0.1	0.045	ND		0.11	0.049					ND		0.097	0.042
p-Diethylbenzene	105-05-5		ND		0.0028	0.00024	ND		0.0022	0.0002	ND		0.0026	0.00023	ND		0.0028	0.00025					ND		0.0024	0.00021
p-Ethyltoluene	622-96-8		ND		0.0028	0.00053	ND		0.0022	0.00043	ND		0.0026	0.00049	ND		0.0028	0.00054					ND		0.0024	0.00046
1,2,4,5-Tetramethylbenzene	95-93-2		ND		0.0028	0.00026	ND		0.0022	0.00022	ND		0.0026	0.00024	ND		0.0028	0.00027					ND		0.0024	0.00023
Ethyl ether	60-29-7		ND		0.0028	0.00047	ND		0.0022	0.00038	ND		0.0026	0.00044	ND		0.0028	0.00048					ND		0.0024	0.00041
trans-1,4-Dichloro-2-butene	110-57-6		ND		0.0069	0.002	ND		0.0056	0.0016	ND		0.0064	0.0018	ND		0.007	0.002					ND		0.006	0.0017
Total VOCs			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					0.00119	-	-	-
TOTAL METALS																										
Aluminum, Total	7429-90-5		5490		8.36	2.26	9800		8.74	2.36	9520		8.38	2.26	6180		8.21	2.22					7240		8.25	2.23
Antimony, Total	7440-36-0		ND		4.18	0.318	ND		4.37	0.332	0.394	J	4.19	0.318	0.41	J	4.1	0.312					0.726	J	4.13	0.314
Arsenic, Total	7440-38-2	13	1.41		0.836	0.174	2.29		0.874	0.182	1.6		0.838	0.174	1.42		0.821	0.171					2.49		0.825	0.172
Barium, Total	7440-39-3	350	47.9		0.836	0.145	54.8		0.874	0.152	45.2		0.838	0.146	150		0.821	0.143					44		0.825	0.144
Beryllium, Total	7440-41-7	7.2	0.033	J	0.418	0.028	0.314	J	0.437	0.029	ND		0.419	0.028	ND		0.41	0.027					0.066	J	0.413	0.027
Cadmium, Total	7440-43-9	2.5	0.084	J	0.836	0.082	0.288	J	0.874	0.086	ND		0.838	0.082	0.14	J	0.821	0.081					0.132	J	0.825	0.081
Calcium, Total	7440-70-2		8900		8.36	2.92	822		8.74	3.06	1370		8.38	2.93	5480		8.21	2.87					3980		8.25	2.89
Chromium, Total	7440-47-3		10.9		0.836	0.08	10.7		0.874	0.084	22.6		0.838	0.08	12		0.821	0.079					11.4		0.825	0.079
Cobalt, Total	7440-48-4		5.1		1.67	0.139	5.16		1.75	0.145	8.85		1.68	0.139	9.3		1.64	0.136					5.96		1.65	0.137
Copper, Total	7440-50-8	50	12.1		0.836	0.216	8.54		0.874	0.225	23.2		0.838	0.216	16.9		0.821	0.212					16		0.825	0.213
Iron, Total	7439-89-6		10600		4.18	0.755	11800		4.37	0.789	16000		4.19	0.756	12000		4.1	0.741					12000		4.13	0.745
Lead, Total	7439-92-1	63	13.7		4.18	0.224	9.23		4.37	0.234	6.23		4.19	0.224	41.2		4.1	0.22					28.3		4.13	0.221
Magnesium, Total	7439-95-4		6670		8.36	1.29	2320		8.74	1.34	5270		8.38	1.29	3720		8.21	1.26					3080		8.25	1.27
Manganese, Total	7439-96-5	1600	202		0.836	0.133	372		0.874	0.139	244		0.838	0.133	856		0.821	0.13					202		0.825	0.131
Mercury, Total	7439-97-6	0.18	0.062	J	0.067	0.044	0.054	J	0.073	0.047	ND		0.068	0.044	0.117		0.068	0.044					0.048	J	0.068	0.044
Nickel, Total	7440-02-0	30	6.93		2.09	0.202	8.43		2.18	0.211	13.8		2.09	0.203	8		2.05	0.199					8.35		2.06	0.2
Potassium, Total	7440-09-7		1530		209	12	634		218	12.6	2400		209	12.1	1710		205	11.8					1300		206	11.9
Selenium, Total	7782-49-2	3.9	ND		1.67	0.216	0.288	J	1.75	0.225	ND		1.68	0.216	ND		1.64	0.212					ND		1.65	0.213
Silver, Total	7440-22-4	2	ND		0.836	0.236	ND		0.855	0.242	ND		0.838	0.237	ND		0.821	0.232					ND		0.825	0.234
Sodium, Total	7440-23-5		79.3	J	167	2.63	416		171	2.69	780		168	2.64	280		164	2.59					325		165	2.6

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-54 (8-8.5)				RA-57 (3.5-4.0)				RA-58 (4-4.5)				RA-59 (8-8.5)				RA-59 (12.5-13)				RA-59A (6-6.5)			
		LAB ID:	L2210455-03				L2210313-03				L2210455-06				L2210455-04				L2217211-03				L2210455-07			
		COLLECTION DATE:	2/28/2022				2/25/2022				2/28/2022				2/28/2022				4/4/2022				2/28/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																								
		(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL					Conc	Q	RL	MDL
TOTAL METALS																										
Thallium, Total	7440-28-0		ND		1.67	0.263	ND		1.75	0.275	ND		1.68	0.264	0.279	J	1.64	0.259					ND		1.65	0.26
Vanadium, Total	7440-62-2		15.6		0.836	0.17	13.9		0.874	0.177	30.6		0.838	0.17	19.9		0.821	0.167					16.8		0.825	0.168
Zinc, Total	7440-66-6	109	36.1		4.18	0.245	27.6		4.37	0.256	48.2		4.19	0.245	45.1		4.1	0.24					40.6		4.13	0.242
GENERAL CHEMISTRY																										
Solids, Total	NONE		94.2		0.1	NA	87.9		0.1	NA	92.4		0.1	NA	94.7		0.1	NA					92.9		0.1	NA
Cyanide, Total	57-12-5	27	ND		1	0.21	ND		1.1	0.24	ND		1.1	0.23	ND		0.99	0.21					ND		0.99	0.21

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Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

	LAB ID:	2030005-03				2021370-03				2030005-06				2030005-04								2030005-07			
	SAMPLE ID:	RA-54 (8-8.5)				RA-57 (3.5-4.0)				RA-58 (4-4.5)				RA-59 (8-8.5)								RA-59A (6-6.5)			
	COLLECTION DATE:	02/28/2022 14:05				02/25/2022 14:10				02/28/2022 14:35				02/28/2022 14:15								02/28/2022 14:45			
	SAMPLE MATRIX:	Soil				Soil				Soil				Soil								Soil			
	NY-UNRES																								
	(mg/kg)																								
Compound	**CAS#**																								
General Chemistry (%)			Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO					Result	ualifier		ZERO
Percent Solids	PERSOL		**93.4**				**88.4**				**95.2**				**93.6**								**94.1**			
PCBs (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL					Result	ualifi	MDL	RL
Aroclor-1016	12674-11-2		0.00474	U	0.00474	0.0353	0.005	U	0.005	0.0373	0.00465	U	0.00465	0.0347	0.0473	U	0.0473	0.353					0.0047	U	0.0047	0.0351
Aroclor-1221	11104-28-2		0.00932	U	0.00932	0.0353	0.00984	U	0.00984	0.0373	0.00914	U	0.00914	0.0347	0.093	U	0.093	0.353					0.00925	U	0.00925	0.0351
Aroclor-1232	11141-16-5		0.0119	U	0.0119	0.0353	0.0125	U	0.0125	0.0373	0.0116	U	0.0116	0.0347	0.118	U	0.118	0.353					0.0118	U	0.0118	0.0351
Aroclor-1242	53469-21-9		0.00694	U	0.00694	0.0353	0.00733	U	0.00733	0.0373	0.00681	U	0.00681	0.0347	**9.29**	D	0.0693	0.353					0.00689	U	0.00689	0.0351
Aroclor-1248	12672-29-6		0.00726	U	0.00726	0.0353	0.00767	U	0.00767	0.0373	0.00713	U	0.00713	0.0347	0.0725	U	0.0725	0.353					0.00721	U	0.00721	0.0351
Aroclor-1254	11097-69-1		0.0057	U	0.0057	0.0353	0.00602	U	0.00602	0.0373	0.0056	U	0.0056	0.0347	0.0569	U	0.0569	0.353					0.00566	U	0.00566	0.0351
Aroclor-1260	11096-82-5		0.00442	U	0.00442	0.0353	0.00467	U	0.00467	0.0373	0.00434	U	0.00434	0.0347	0.0442	U	0.0442	0.353					0.00439	U	0.00439	0.0351
Aroclor-1262	37324-23-5		0.00951	U	0.00951	0.0353	0.01	U	0.01	0.0373	0.00933	U	0.00933	0.0347	0.0949	U	0.0949	0.353					0.00944	U	0.00944	0.0351
Aroclor-1268	11100-14-4		0.00427	U	0.00427	0.0353	0.00451	U	0.00451	0.0373	0.00419	U	0.00419	0.0347	0.0427	U	0.0427	0.353					0.00424	U	0.00424	0.0351
Total PCBs	1336-36-3	0.1	0.0033	U	0.0033	0.0353	0.00348	U	0.00348	0.0373	0.00324	U	0.00324	0.0347	9.29	D	0.0329	0.353					0.00328	U	0.00328	0.0351
Pesticides (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL					Result	ualifi	MDL	RL
4,4'-DDD	72-54-8	0.0033	0.000637	U	0.000637	0.00139	0.000673	U	0.000673	0.00147	0.000625	U	0.000625	0.00137	0.000636	U	0.000636	0.00139					0.000632	U	0.000632	0.00138
4,4'-DDE	72-55-9	0.0033	0.000761	U	0.000761	0.00139	0.000804	U	0.000804	0.00147	0.000747	U	0.000747	0.00137	0.00076	U	0.00076	0.00139					0.000756	U	0.000756	0.00138
4,4'-DDT	50-29-3	0.0033	0.000983	U	0.000983	0.00139	0.00104	U	0.00104	0.00147	0.000964	U	0.000964	0.00137	0.000981	U	0.000981	0.00139					0.000976	U	0.000976	0.00138
Aldrin	309-00-2	0.005	0.00066	U	0.00066	0.00139	0.000696	U	0.000696	0.00147	0.000647	U	0.000647	0.00137	0.000658	U	0.000658	0.00139					0.000655	U	0.000655	0.00138
alpha-BHC	319-84-6	0.02	0.000414	U	0.000414	0.00139	0.000438	U	0.000438	0.00147	0.000407	U	0.000407	0.00137	0.000414	U	0.000414	0.00139					0.000411	U	0.000411	0.00138
alpha-Chlordane (cis)	5103-71-9		0.000888	U	0.000888	0.00139	0.000937	U	0.000937	0.00147	**0.00277**		0.000871	0.00137	**0.0559**		0.000886	0.00139					0.000881	U	0.000881	0.00138
beta-BHC	319-85-7	0.036	0.000665	U	0.000665	0.00139	0.000702	U	0.000702	0.00147	0.000652	U	0.000652	0.00137	0.000664	U	0.000664	0.00139					0.00066	U	0.00066	0.00138
Chlordane	57-74-9		0.000619	U	0.000619	0.00139	0.000654	U	0.000654	0.00147	**0.00428**		0.000607	0.00137	**0.091**		0.000618	0.00139					0.000614	U	0.000614	0.00138
delta-BHC	319-86-8	0.04	0.000647	U	0.000647	0.00139	0.000683	U	0.000683	0.00147	0.000635	U	0.000635	0.00137	0.000645	U	0.000645	0.00139					0.000642	U	0.000642	0.00138
Dieldrin	60-57-1	0.005	0.000728	U	0.000728	0.00139	0.000769	U	0.000769	0.00147	0.000714	U	0.000714	0.00137	0.000727	U	0.000727	0.00139					0.000723	U	0.000723	0.00138
Endosulfan I	959-98-8	2.4	0.000657	U	0.000657	0.00139	0.000694	U	0.000694	0.00147	0.000645	U	0.000645	0.00137	0.000656	U	0.000656	0.00139					0.000653	U	0.000653	0.00138
Endosulfan II	33213-65-9	2.4	0.000633	U	0.000633	0.00139	0.000668	U	0.000668	0.00147	0.000621	U	0.000621	0.00137	0.000631	U	0.000631	0.00139					0.000628	U	0.000628	0.00138
Endosulfan sulfate	1031-07-8	2.4	0.000524	U	0.000524	0.00139	0.000553	U	0.000553	0.00147	0.000514	U	0.000514	0.00137	0.000522	U	0.000522	0.00139					0.00052	U	0.00052	0.00138
Endosulfans, Total (alpha and beta)	115-29-7		0.000633	U	0.000633	0.00139	0.000668	U	0.000668	0.00147	0.000621	U	0.000621	0.00137	0.000631	U	0.000631	0.00139					0.000628	U	0.000628	0.00138
Endrin	72-20-8	0.014	0.000481	U	0.000481	0.00139	0.000508	U	0.000508	0.00147	0.000472	U	0.000472	0.00137	0.00048	U	0.00048	0.00139					0.000477	U	0.000477	0.00138
Endrin aldehyde	7421-93-4		0.000555	U	0.000555	0.00139	0.000586	U	0.000586	0.00147	0.000544	U	0.000544	0.00137	0.000553	U	0.000553	0.00139					0.000551	U	0.000551	0.00138
Endrin ketone	53494-70-5		0.00049	U	0.00049	0.00139	0.000518	U	0.000518	0.00147	0.000481	U	0.000481	0.00137	0.000489	U	0.000489	0.00139					0.000487	U	0.000487	0.00138
gamma-BHC (Lindane)	58-89-9	0.1	0.000441	U	0.000441	0.00139	0.000466	U	0.000466	0.00147	0.000433	U	0.000433	0.00137	0.00044	U	0.00044	0.00139					0.000438	U	0.000438	0.00138
gamma-Chlordane	5566-34-7		0.000619	U	0.000619	0.00139	0.000654	U	0.000654	0.00147	**0.00151**		0.000607	0.00137	**0.0351**		0.000618	0.00139					0.000614	U	0.000614	0.00138
Heptachlor	76-44-8	0.042	0.000373	U	0.000373	0.00139	0.000393	U	0.000393	0.00147	0.000366	U	0.000366	0.00137	0.000372	U	0.000372	0.00139					0.00037	U	0.00037	0.00138
Heptachlor Epoxide	1024-57-3		0.000702	U	0.000702	0.00139	0.000742	U	0.000742	0.00147	0.000689	U	0.000689	0.00137	0.000701	U	0.000701	0.00139					0.000697	U	0.000697	0.00138
Methoxychlor	72-43-5		0.000408	U	0.000408	0.00139	0.000431	U	0.000431	0.00147	0.0004	U	0.0004	0.00137	0.000407	U	0.000407	0.00139					0.000405	U	0.000405	0.00138
Toxaphene	8001-35-2		0.0671	U	0.0671	0.0707	0.0708	U	0.0708	0.0746	0.0658	U	0.0658	0.0693	0.0669	U	0.0669	0.0705					0.0666	U	0.0666	0.0702
Semivolatile Organics - GC/MS (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	ualifi	MDL	RL
1,2,4,5-Tetrachlorobenzene	95-94-3		0.0216	U	0.0216	0.142	0.0228	U	0.0228	0.15	0.0212	U	0.0212	0.14	0.0216	U	0.0216	0.142					0.0215	U	0.0215	0.141
1,2,4-Trichlorobenzene	120-82-1		0.0147	U	0.0147	0.142	0.0155	U	0.0155	0.15	0.0144	U	0.0144	0.14	0.0146	U	0.0146	0.142					0.0146	U	0.0146	0.141
1,2-Dichlorobenzene	95-50-1	1.1	0.0267	U	0.0267	0.142	0.0282	U	0.0282	0.15	0.0262	U	0.0262	0.14	0.0266	U	0.0266	0.142					0.0265	U	0.0265	0.141
1,3-Dichlorobenzene	541-73-1	2.4	0.0184	U	0.0184	0.142	0.0194	U	0.0194	0.15	0.0181	U	0.0181	0.14	0.0184	U	0.0184	0.142					0.0183	U	0.0183	0.141
1,4-Dichlorobenzene	106-46-7	1.8	0.0181	U	0.0181	0.142	0.0191	U	0.0191	0.15	0.0178	U	0.0178	0.14	0.0181	U	0.0181	0.142					0.018	U	0.018	0.141
1,4-Dioxane	123-91-1	0.1	0.00403	U	0.00403	0.0357	0.00425	U	0.00425	0.0377	0.00395	U	0.00395	0.035	0.00402	U	0.00402	0.0356					0.004	U	0.004	0.0354
2,4,5-Trichlorophenol	95-95-4		0.0194	U	0.0194	0.142	0.0205	U	0.0205	0.15	0.019	U	0.019	0.14	0.0193	U	0.0193	0.142					0.0192	U	0.0192	0.141
2,4,6-Trichlorophenol	88-06-2		0.00892	U	0.00892	0.142	0.00942	U	0.00942	0.15	0.00875	U	0.00875	0.14	0.0089	U	0.0089	0.142					0.00885	U	0.00885	0.141
2,4-Dichlorophenol	120-83-2		0.0143	U	0.0143	0.142	0.0152	U	0.0152	0.15	0.0141	U	0.0141	0.14	0.0143	U	0.0143	0.142					0.0142	U	0.0142	0.141
2,4-Dimethylphenol	105-67-9		0.014	U	0.014	0.142	0.0148	U	0.0148	0.15	0.0138	U	0.0138	0.14	0.014	U	0.014	0.142					0.0139	U	0.0139	0.141
2,4-Dinitrophenol	51-28-5		0.0206	U	0.0206	0.714	0.0217	U	0.0217	0.754	0.0202	U	0.0202	0.701	0.0205	U	0.0205	0.713					0.0204	U	0.0204	0.709
2,4-Dinitrotoluene	121-14-2		0.0152	U	0.0152	0.142	0.0161	U	0.0161	0.15	0.0149	U	0.0149	0.14	0.0152	U	0.0152	0.142					0.0151	U	0.0151	0.141
2,6-Dinitrotoluene	606-20-2		0.0341	U	0.0341	0.142	0.036	U	0.036	0.15	0.0334	U	0.0334	0.14	0.034	U	0.034	0.142					0.0338	U	0.0338	0.141
2-Chloronaphthalene	91-58-7		0.0164	U	0.0164	0.142	0.0173	U	0.0173	0.15	0.0161	U	0.0161	0.14	0.0163	U	0.0163	0.142					0.0163	U	0.0163	0.141
2-Chlorophenol	95-57-8		0.0188	U	0.0188	0.142	0.0199	U	0.0199	0.15	0.0185	U	0.0185	0.14	0.0188	U	0.0188	0.142					0.0187	U	0.0187	0.141
2-Methylnaphthalene	91-57-6		0.0342	U	0.0342	0.214	0.0361	U	0.0361	0.226	0.0335	U	0.0335	0.21	0.0341	U	0.0341	0.214					0.0339	U	0.0339	0.213
2-Methylphenol	95-48-7	0.33	0.0282	U	0.0282	0.142	0.0297	U	0.0297	0.15	0.0276	U	0.0276	0.14	0.0281	U	0.0281	0.142					0.028	U	0.028	0.141
2-Nitroaniline	88-74-4		0.0115	U	0.0115	0.142	0.0121	U	0.0121	0.15	0.0112	U	0.0112	0.14	0.0114	U	0.0114	0.142					0.0114	U	0.0114	0.141
2-Nitrophenol	88-75-5		0.0158	U	0.0158	0.142	0.0167	U	0.0167	0.15	0.0155	U	0.0155	0.14	0.0158	U	0.0158	0.142					0.0157	U	0.0157	0.141
3,3'-Dichlorobenzidine	91-94-1		0.015	U	0.015	0.142	0.0158	U	0.0158	0.15	0.0147	U	0.0147	0.14	0.015	U	0.015	0.142					0.0149	U	0.0149	0.141
3+4-Methylphenol	65794-96-9	0.33	0.0261	U	0.0261	0.142	0.0276	U	0.0276	0.15	0.0256	U	0.0256	0.14	0.0261	U	0.0261	0.142					0.0259	U	0.0259	0.141

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	2030005-03				2021370-03				2030005-06				2030005-04								2030005-07			
		SAMPLE ID:	RA-54 (8-8.5)				RA-57 (3.5-4.0)				RA-58 (4-4.5)				RA-59 (8-8.5)								RA-59A (6-6.5)			
		COLLECTION DATE:	02/28/2022 14:05				02/25/2022 14:10				02/28/2022 14:35				02/28/2022 14:15								02/28/2022 14:45			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil								Soil			
		NY-UNRES																								
Semivolatile Organics - GC/MS (mg/kg)																										
3-Nitroaniline	99-09-2		0.0264	U	0.0264	0.142	0.0279	U	0.0279	0.15	0.026	U	0.026	0.14	0.0264	U	0.0264	0.142					0.0263	U	0.0263	0.141
4,6-Dinitro-2-methylphenol	534-52-1		0.0269	U	0.0269	0.357	0.0284	U	0.0284	0.377	0.0264	U	0.0264	0.35	0.0268	U	0.0268	0.356					0.0267	U	0.0267	0.354
4-Bromophenyl-phenyl ether	101-55-3		0.0203	U	0.0203	0.142	0.0215	U	0.0215	0.15	0.02	U	0.02	0.14	0.0203	U	0.0203	0.142					0.0202	U	0.0202	0.141
4-Chloro-3-methylphenol	59-50-7		0.0225	U	0.0225	0.142	0.0237	U	0.0237	0.15	0.0221	U	0.0221	0.14	0.0224	U	0.0224	0.142					0.0223	U	0.0223	0.141
4-Chloroaniline	106-47-8		0.00499	U	0.00499	0.142	0.00527	U	0.00527	0.15	0.0049	U	0.0049	0.14	0.00498	U	0.00498	0.142					0.00495	U	0.00495	0.141
4-Chlorophenyl phenyl ether	7005-72-3		0.0077	U	0.0077	0.142	0.00813	U	0.00813	0.15	0.00755	U	0.00755	0.14	0.00768	U	0.00768	0.142					0.00764	U	0.00764	0.141
4-Nitroaniline	100-01-6		0.0713	U	0.0713	0.142	0.0753	U	0.0753	0.15	0.07	U	0.07	0.14	0.0712	U	0.0712	0.142					0.0708	U	0.0708	0.141
4-Nitrophenol	100-02-7		0.00912	U	0.00912	0.142	0.00963	U	0.00963	0.15	0.00895	U	0.00895	0.14	0.0091	U	0.0091	0.142					0.00906	U	0.00906	0.141
Acenaphthene	83-32-9	20	**0.183**		0.00813	0.142	0.00858	U	0.00858	0.15	0.00797	U	0.00797	0.14	**0.0821**	J	0.00811	0.142					**0.168**		0.00807	0.141
Acenaphthylene	208-96-8	100	**0.0439**	J	0.00496	0.142	0.00524	U	0.00524	0.15	**0.0734**	J	0.00486	0.14	**0.304**		0.00495	0.142					**0.563**		0.00492	0.141
Acetophenone	98-86-2		0.0141	U	0.0141	0.142	0.0149	U	0.0149	0.15	0.0139	U	0.0139	0.14	0.0141	U	0.0141	0.142					0.014	U	0.014	0.141
Anthracene	120-12-7	100	**0.377**		0.0207	0.142	0.0218	U	0.0218	0.15	**0.118**	J	0.0203	0.14	**0.358**		0.0206	0.142					**1.09**		0.0205	0.141
Benzo(a)anthracene	56-55-3	1	**0.747**		0.0143	0.142	0.0152	U	0.0152	0.15	**0.676**		0.0141	0.14	1.66		0.0143	0.142	ND			0.12	4.59		0.0142	0.141
Benzo(a)pyrene	50-32-8	1	**0.676**		0.0248	0.142	0.0262	U	0.0262	0.15	**0.655**		0.0244	0.14	1.98		0.0248	0.142	ND			0.16	5.05		0.0247	0.141
Benzo(b)fluoranthene	205-99-2	1	**0.924**		0.02	0.142	**0.0278**	J	0.0211	0.15	1.01		0.0196	0.14	2.71		0.02	0.142	ND			0.12	5.87		0.0199	0.141
Benzo(g,h,i)perylene	191-24-2	100	**0.45**		0.0116	0.142	0.0122	U	0.0122	0.15	**0.458**		0.0113	0.14	**1.63**		0.0115	0.142					**2.74**		0.0115	0.141
Benzo(k)fluoranthene	207-08-9	0.8	**0.387**		0.0164	0.142	0.0173	U	0.0173	0.15	**0.359**		0.0161	0.14	1.06		0.0163	0.142	ND			0.12	2.58		0.0163	0.141
Benzoic acid	65-85-0		0.165	U	0.165	0.357	0.174	U	0.174	0.377	0.162	U	0.162	0.35	0.165	U	0.165	0.356					0.164	U	0.164	0.354
Benzyl alcohol	100-51-6		0.0319	U	0.0319	0.142	0.0337	U	0.0337	0.15	0.0313	U	0.0313	0.14	0.0318	U	0.0318	0.142					0.0317	U	0.0317	0.141
Biphenyl	92-52-4		0.0125	U	0.0125	0.142	0.0132	U	0.0132	0.15	0.0123	U	0.0123	0.14	0.0125	U	0.0125	0.142					0.0124	U	0.0124	0.141
bis(2-chloroethoxy)methane	111-91-1		0.0197	U	0.0197	0.142	0.0208	U	0.0208	0.15	0.0193	U	0.0193	0.14	0.0197	U	0.0197	0.142					0.0196	U	0.0196	0.141
bis(2-chloroethyl)ether	111-44-4		0.0156	U	0.0156	0.142	0.0165	U	0.0165	0.15	0.0153	U	0.0153	0.14	0.0156	U	0.0156	0.142					0.0155	U	0.0155	0.141
bis(2-chloroisopropyl)ether	108-60-1		0.0513	U	0.0513	0.142	0.0542	U	0.0542	0.15	0.0503	U	0.0503	0.14	0.0512	U	0.0512	0.142					0.0509	U	0.0509	0.141
bis(2-ethylhexyl)phthalate	117-81-7		0.0285	U	0.0285	0.142	0.0301	U	0.0301	0.15	0.0279	U	0.0279	0.14	**0.183**		0.0284	0.142					**0.0682**	J	0.0283	0.141
Butylbenzylphthalate	85-68-7		0.013	U	0.013	0.142	0.0137	U	0.0137	0.15	0.0127	U	0.0127	0.14	**0.0832**	J	0.0129	0.142					**0.0541**	J	0.0129	0.141
Carbazole	86-74-8		**0.209**	J	0.0274	0.357	0.0289	U	0.0289	0.377	**0.0334**	J	0.0269	0.35	**0.184**	J	0.0274	0.356					**0.266**	J	0.0272	0.354
Chrysene	218-01-9	1	**0.802**		0.00977	0.142	**0.027**	J	0.0103	0.15	**0.857**		0.00958	0.14	1.86		0.00974	0.142	ND			0.12	4.67		0.00969	0.141
Dibenzo(a,h)anthracene	53-70-3	0.33	**0.128**	J	0.0141	0.142	0.0149	U	0.0149	0.15	**0.131**	J	0.0139	0.14	0.382		0.0141	0.142	ND			0.12	0.863		0.014	0.141
Dibenzofuran	132-64-9	7	**0.0806**	J	0.00849	0.142	0.00897	U	0.00897	0.15	0.00833	U	0.00833	0.14	**0.042**	J	0.00847	0.142					**0.0839**	J	0.00843	0.141
Diethylphthalate	84-66-2		0.0276	U	0.0276	0.142	0.0292	U	0.0292	0.15	0.0271	U	0.0271	0.14	0.0276	U	0.0276	0.142					0.0274	U	0.0274	0.141
Dimethylphthalate	131-11-3		0.00884	U	0.00884	0.142	0.00934	U	0.00934	0.15	0.00868	U	0.00868	0.14	0.00883	U	0.00883	0.142					0.00878	U	0.00878	0.141
Di-n-butylphthalate	84-74-2		0.0583	U	0.0583	0.142	0.0615	U	0.0615	0.15	0.0572	U	0.0572	0.14	0.0581	U	0.0581	0.142					0.0578	U	0.0578	0.141
Di-n-octylphthalate	117-84-0		0.0292	U	0.0292	0.142	0.0309	U	0.0309	0.15	0.0287	U	0.0287	0.14	0.0292	U	0.0292	0.142					0.029	U	0.029	0.141
Fluoranthene	206-44-0	100	**2.23**		0.0134	0.142	**0.0379**	J	0.0141	0.15	**1.43**		0.0131	0.14	**3.5**		0.0134	0.142					**7.54**		0.0133	0.141
Fluorene	86-73-7	30	**0.17**		0.0119	0.142	0.0126	U	0.0126	0.15	0.0117	U	0.0117	0.14	**0.0993**	J	0.0119	0.142					**0.214**		0.0118	0.141
Hexachlorobenzene	118-74-1	0.33	0.0186	U	0.0186	0.142	0.0197	U	0.0197	0.15	0.0183	U	0.0183	0.14	0.0186	U	0.0186	0.142					0.0185	U	0.0185	0.141
Hexachlorobutadiene	87-68-3		0.0684	U	0.0684	0.142	0.0722	U	0.0722	0.15	0.0671	U	0.0671	0.14	0.0683	U	0.0683	0.142					0.0679	U	0.0679	0.141
Hexachlorocyclopentadiene	77-47-4		0.0594	U	0.0594	0.357	0.0628	U	0.0628	0.377	0.0583	U	0.0583	0.35	0.0593	U	0.0593	0.356					0.059	U	0.059	0.354
Hexachloroethane	67-72-1		0.0156	U	0.0156	0.142	0.0165	U	0.0165	0.15	0.0153	U	0.0153	0.14	0.0156	U	0.0156	0.142					0.0155	U	0.0155	0.141
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	**0.385**		0.0153	0.142	0.0162	U	0.0162	0.15	**0.413**		0.015	0.14	1.37		0.0153	0.142	ND			0.16	2.56		0.0152	0.141
Isophorone	78-59-1		0.00934	U	0.00934	0.142	0.00986	U	0.00986	0.15	0.00916	U	0.00916	0.14	0.00932	U	0.00932	0.142					0.00927	U	0.00927	0.141
Naphthalene	91-20-3	12	**0.0307**	J	0.0106	0.142	0.0111	U	0.0111	0.15	0.0104	U	0.0104	0.14	0.0105	U	0.0105	0.142					**0.032**	J	0.0105	0.141
Nitrobenzene	98-95-3		0.0242	U	0.0242	0.142	0.0256	U	0.0256	0.15	0.0237	U	0.0237	0.14	0.0241	U	0.0241	0.142					0.024	U	0.024	0.141
n-Nitroso-di-n-propylamine	621-64-7		0.00763	U	0.00763	0.142	0.00806	U	0.00806	0.15	0.00749	U	0.00749	0.14	0.00762	U	0.00762	0.142					0.00758	U	0.00758	0.141
n-Nitrosodiphenylamine	86-30-6		0.0304	U	0.0304	0.142	0.0321	U	0.0321	0.15	0.0298	U	0.0298	0.14	0.0303	U	0.0303	0.142					0.0302	U	0.0302	0.141
Pentachlorophenol	87-86-5	0.8	0.0196	U	0.0196	0.357	0.0207	U	0.0207	0.377	0.0192	U	0.0192	0.35	0.0196	U	0.0196	0.356					0.0195	U	0.0195	0.354
Phenanthrene	85-01-8	100	**1.58**		0.0187	0.142	0.0198	U	0.0198	0.15	**0.471**		0.0184	0.14	**1.52**		0.0187	0.142					**3.59**		0.0186	0.141
Phenol	108-95-2	0.33	0.0116	U	0.0116	0.142	0.0122	U	0.0122	0.15	0.0113	U	0.0113	0.14	0.0115	U	0.0115	0.142					0.0115	U	0.0115	0.141
Pyrene	129-00-0	100	**1.56**		0.0105	0.142	**0.0297**	J	0.0111	0.15	**1.23**		0.0103	0.14	**2.82**		0.0105	0.142					**6.66**		0.0104	0.141

Qualifiers:
U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 -
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Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-59B (6-6.5)				RA-60 (8.0-8.5)				RA-60A (6.0-6.5)				RA-60B (6-6.5)				RA-61 (4.5-5')				RA-62 (4.5-5')			
		LAB ID:	L2210455-08				L2210313-01				L2210313-02				L2210455-05				L2209850-02				L2209850-03			
		COLLECTION DATE:	2/28/2022				2/25/2022				2/25/2022				2/28/2022				2/23/2022				2/23/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																								
ANALYTE	CAS	(mg/kg)	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	ND		0.0058	0.0026	ND		0.0058	0.0027	ND		0.006	0.0027	ND		0.0057	0.0026	ND		0.0071	0.0032	ND		0.006	0.0027
1,1-Dichloroethane	75-34-3	0.27	ND		0.0012	0.00017	ND		0.0012	0.00017	ND		0.0012	0.00017	ND		0.0011	0.00016	ND		0.0014	0.0002	ND		0.0012	0.00017
Chloroform	67-66-3	0.37	ND		0.0017	0.00016	ND		0.0017	0.00016	ND		0.0018	0.00017	ND		0.0017	0.00016	ND		0.0021	0.0002	ND		0.0018	0.00017
Carbon tetrachloride	56-23-5	0.76	ND		0.0012	0.00026	ND		0.0012	0.00027	ND		0.0012	0.00028	ND		0.0011	0.00026	ND		0.0014	0.00032	ND		0.0012	0.00028
1,2-Dichloropropane	78-87-5		ND		0.0012	0.00014	ND		0.0012	0.00014	ND		0.0012	0.00015	ND		0.0011	0.00014	ND		0.0014	0.00018	ND		0.0012	0.00015
Dibromochloromethane	124-48-1		ND		0.0012	0.00016	ND		0.0012	0.00016	ND		0.0012	0.00017	ND		0.0011	0.00016	ND		0.0014	0.0002	ND		0.0012	0.00017
1,1,2-Trichloroethane	79-00-5		ND		0.0012	0.00031	ND		0.0012	0.00031	ND		0.0012	0.00032	ND		0.0011	0.0003	ND		0.0014	0.00038	ND		0.0012	0.00032
Tetrachloroethene	127-18-4	1.3	ND		0.00058	0.00023	ND		0.00058	0.00023	ND		0.0006	0.00024	ND		0.00057	0.00022	ND		0.00071	0.00028	ND		0.0006	0.00023
Chlorobenzene	108-90-7	1.1	ND		0.00058	0.00015	ND		0.00058	0.00015	ND		0.0006	0.00015	ND		0.00057	0.00014	ND		0.00071	0.00018	ND		0.0006	0.00015
Trichlorofluoromethane	75-69-4		ND		0.0046	0.0008	ND		0.0046	0.00081	ND		0.0048	0.00083	ND		0.0045	0.00079	ND		0.0057	0.00098	ND		0.0048	0.00083
1,2-Dichloroethane	107-06-2	0.02	ND		0.0012	0.0003	ND		0.0012	0.0003	ND		0.0012	0.00031	ND		0.0011	0.00029	ND		0.0014	0.00036	ND		0.0012	0.00031
1,1,1-Trichloroethane	71-55-6	0.68	ND		0.00058	0.00019	ND		0.00058	0.00019	ND		0.0006	0.0002	ND		0.00057	0.00019	ND		0.00071	0.00024	ND		0.0006	0.0002
Bromodichloromethane	75-27-4		ND		0.00058	0.00012	ND		0.00058	0.00013	ND		0.0006	0.00013	ND		0.00057	0.00012	ND		0.00071	0.00015	ND		0.0006	0.00013
trans-1,3-Dichloropropene	10061-02-6		ND		0.0012	0.00032	ND		0.0012	0.00032	ND		0.0012	0.00033	ND		0.0011	0.00031	ND		0.0014	0.00039	ND		0.0012	0.00033
cis-1,3-Dichloropropene	10061-01-5		ND		0.00058	0.00018	ND		0.00058	0.00018	ND		0.0006	0.00019	ND		0.00057	0.00018	ND		0.00071	0.00022	ND		0.0006	0.00019
1,3-Dichloropropene, Total	542-75-6		ND		0.00058	0.00018	ND		0.00058	0.00018	ND		0.0006	0.00019	ND		0.00057	0.00018	ND		0.00071	0.00022	ND		0.0006	0.00019
1,1-Dichloropropene	563-58-6		ND		0.00058	0.00018	ND		0.00058	0.00018	ND		0.0006	0.00019	ND		0.00057	0.00018	ND		0.00071	0.00022	ND		0.0006	0.00019
Bromoform	75-25-2		ND		0.0046	0.00028	ND		0.0046	0.00029	ND		0.0048	0.0003	ND		0.0045	0.00028	ND		0.0057	0.00035	ND		0.0048	0.00029
1,1,2,2-Tetrachloroethane	79-34-5		ND		0.00058	0.00019	ND		0.00058	0.00019	ND		0.0006	0.0002	ND		0.00057	0.00019	ND		0.00071	0.00024	ND		0.0006	0.0002
Benzene	71-43-2	0.06	ND		0.00058	0.00019	ND		0.00058	0.00019	ND		0.0006	0.0002	ND		0.00057	0.00019	ND		0.00071	0.00024	ND		0.0006	0.0002
Toluene	108-88-3	0.7	ND		0.0012	0.00063	0.0023		0.0012	0.00063	0.0026		0.0012	0.00065	ND		0.0011	0.00062	ND		0.0014	0.00077	ND		0.0012	0.00065
Ethylbenzene	100-41-4	1	ND		0.0012	0.00016	ND		0.0012	0.00016	ND		0.0012	0.00017	ND		0.0011	0.00016	ND		0.0014	0.0002	ND		0.0012	0.00017
Chloromethane	74-87-3		ND		0.0046	0.0011	ND		0.0046	0.0011	ND		0.0048	0.0011	ND		0.0045	0.001	ND		0.0057	0.0013	ND		0.0048	0.0011
Bromomethane	74-83-9		ND		0.0023	0.00067	ND		0.0023	0.00068	ND		0.0024	0.0007	ND		0.0023	0.00066	ND		0.0028	0.00082	ND		0.0024	0.00069
Vinyl chloride	75-01-4	0.02	ND		0.0012	0.00039	ND		0.0012	0.00039	ND		0.0012	0.0004	ND		0.0011	0.00038	ND		0.0014	0.00047	ND		0.0012	0.0004
Chloroethane	75-00-3		ND		0.0023	0.00052	ND		0.0023	0.00052	ND		0.0024	0.00054	ND		0.0023	0.00051	ND		0.0028	0.00064	ND		0.0024	0.00054
1,1-Dichloroethene	75-35-4	0.33	ND		0.0012	0.00027	ND		0.0012	0.00028	ND		0.0012	0.00028	ND		0.0011	0.00027	ND		0.0014	0.00034	ND		0.0012	0.00028
trans-1,2-Dichloroethene	156-60-5	0.19	ND		0.0017	0.00016	ND		0.0017	0.00016	ND		0.0018	0.00016	ND		0.0017	0.00016	ND		0.0021	0.00019	ND		0.0018	0.00016
Trichloroethene	79-01-6	0.47	ND		0.00058	0.00016	ND		0.00058	0.00016	ND		0.0006	0.00016	ND		0.00057	0.00016	ND		0.00071	0.00019	ND		0.0006	0.00016
1,2-Dichlorobenzene	95-50-1	1.1	ND		0.0023	0.00017	ND		0.0023	0.00017	ND		0.0024	0.00017	ND		0.0023	0.00016	ND		0.0028	0.0002	ND		0.0024	0.00017
1,3-Dichlorobenzene	541-73-1	2.4	ND		0.0023	0.00017	ND		0.0023	0.00017	ND		0.0024	0.00018	ND		0.0023	0.00017	ND		0.0028	0.00021	ND		0.0024	0.00018
1,4-Dichlorobenzene	106-46-7	1.8	ND		0.0023	0.0002	ND		0.0023	0.0002	ND		0.0024	0.0002	ND		0.0023	0.00019	ND		0.0028	0.00024	ND		0.0024	0.0002
Methyl tert butyl ether	1634-04-4	0.93	ND		0.0023	0.00023	ND		0.0023	0.00023	ND		0.0024	0.00024	ND		0.0023	0.00023	ND		0.0028	0.00028	ND		0.0024	0.00024
p/m-Xylene	179601-23-1		ND		0.0023	0.00065	ND		0.0023	0.00065	ND		0.0024	0.00067	ND		0.0023	0.00064	ND		0.0028	0.00079	ND		0.0024	0.00067
o-Xylene	95-47-6		ND		0.0012	0.00034	ND		0.0012	0.00034	ND		0.0012	0.00035	ND		0.0011	0.00033	ND		0.0014	0.00041	ND		0.0012	0.00035
Xylenes, Total	1330-20-7	0.26	ND		0.0012	0.00034	ND		0.0012	0.00034	ND		0.0012	0.00035	ND		0.0011	0.00033	ND		0.0014	0.00041	ND		0.0012	0.00035
cis-1,2-Dichloroethene	156-59-2	0.25	ND		0.0012	0.0002	ND		0.0012	0.0002	ND		0.0012	0.00021	ND		0.0011	0.0002	ND		0.0014	0.00025	ND		0.0012	0.00021
1,2-Dichloroethene, Total	540-59-0		ND		0.0012	0.00016	ND		0.0012	0.00016	ND		0.0012	0.00016	ND		0.0011	0.00016	ND		0.0014	0.00019	ND		0.0012	0.00016
Dibromomethane	74-95-3		ND		0.0023	0.00027	ND		0.0023	0.00028	ND		0.0024	0.00028	ND		0.0023	0.00027	ND		0.0028	0.00034	ND		0.0024	0.00028
Styrene	100-42-5		ND		0.0012	0.00023	0.0004	J	0.0012	0.00023	0.00044	J	0.0012	0.00024	ND		0.0011	0.00022	ND		0.0014	0.00028	ND		0.0012	0.00023
Dichlorodifluoromethane	75-71-8		ND		0.012	0.001	ND		0.012	0.0011	ND		0.012	0.0011	ND		0.011	0.001	ND		0.014	0.0013	ND		0.012	0.0011
Acetone	67-64-1	0.05	ND		0.012	0.0056	ND		0.012	0.0056	ND		0.012	0.0058	ND		0.011	0.0055	ND		0.014	0.0068	ND		0.012	0.0058
Carbon disulfide	75-15-0		ND		0.012	0.0052	ND		0.012	0.0053	ND		0.012	0.0055	ND		0.011	0.0052	ND		0.014	0.0064	ND		0.012	0.0054
2-Butanone	78-93-3	0.12	ND		0.012	0.0026	ND		0.012	0.0026	ND		0.012	0.0027	ND		0.011	0.0025	ND		0.014	0.0031	ND		0.012	0.0026
Vinyl acetate	108-05-4		ND		0.012	0.0025	ND		0.012	0.0025	ND		0.012	0.0026	ND		0.011	0.0024	ND		0.014	0.003	ND		0.012	0.0026
4-Methyl-2-pentanone	108-10-1		ND		0.012	0.0015	ND		0.012	0.0015	ND		0.012	0.0015	ND		0.011	0.0014	ND		0.014	0.0018	ND		0.012	0.0015
1,2,3-Trichloropropane	96-18-4		ND		0.0023	0.00015	ND		0.0023	0.00015	ND		0.0024	0.00015	ND		0.0023	0.00014	ND		0.0028	0.00018	ND		0.0024	0.00015
2-Hexanone	591-78-6		ND		0.012	0.0014	ND		0.012	0.0014	ND		0.012	0.0014	ND		0.011	0.0013	ND		0.014	0.0017	ND		0.012	0.0014
Bromochloromethane	74-97-5		ND		0.0023	0.00024	ND		0.0023	0.00024	ND		0.0024	0.00025	ND		0.0023	0.00023	ND		0.0028	0.00029	ND		0.0024	0.00024
2,2-Dichloropropane	594-20-7		ND		0.0023	0.00023	ND		0.0023	0.00023	ND		0.0024	0.00024	ND		0.0023	0.00023	ND		0.0028	0.00028	ND		0.0024	0.00024

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	**RA-59B (6-6.5)**				**RA-60 (8.0-8.5)**				**RA-60A (6.0-6.5)**				**RA-60B (6-6.5)**				**RA-61 (4.5-5')**				**RA-62 (4.5-5')**			
		LAB ID:	**L2210455-08**				**L2210313-01**				**L2210313-02**				**L2210455-05**				**L2209850-02**				**L2209850-03**			
		COLLECTION DATE:	**2/28/2022**				**2/25/2022**				**2/25/2022**				**2/28/2022**				**2/23/2022**				**2/23/2022**			
		SAMPLE MATRIX:	**SOIL**				**SOIL**				**SOIL**				**SOIL**				**SOIL**				**SOIL**			
		NY-UNRES																								
		(mg/kg)	**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																										
1,2-Dibromoethane	106-93-4		ND		0.0012	0.00032	ND		0.0012	0.00032	ND		0.0012	0.00033	ND		0.0011	0.00032	ND		0.0014	0.0004	ND		0.0012	0.00033
1,3-Dichloropropane	142-28-9		ND		0.0023	0.00019	ND		0.0023	0.00019	ND		0.0024	0.0002	ND		0.0023	0.00019	ND		0.0028	0.00024	ND		0.0024	0.0002
1,1,1,2-Tetrachloroethane	630-20-6		ND		0.00058	0.00015	ND		0.00058	0.00015	ND		0.0006	0.00016	ND		0.00057	0.00015	ND		0.00071	0.00019	ND		0.0006	0.00016
Bromobenzene	108-86-1		ND		0.0023	0.00017	ND		0.0023	0.00017	ND		0.0024	0.00017	ND		0.0023	0.00016	ND		0.0028	0.0002	ND		0.0024	0.00017
n-Butylbenzene	104-51-8	12	ND		0.0012	0.00019	ND		0.0012	0.00019	ND		0.0012	0.0002	ND		0.0011	0.00019	ND		0.0014	0.00024	ND		0.0012	0.0002
sec-Butylbenzene	135-98-8	11	ND		0.0012	0.00017	ND		0.0012	0.00017	ND		0.0012	0.00018	ND		0.0011	0.00016	ND		0.0014	0.00021	ND		0.0012	0.00017
tert-Butylbenzene	98-06-6	5.9	ND		0.0023	0.00014	ND		0.0023	0.00014	ND		0.0024	0.00014	ND		0.0023	0.00013	ND		0.0028	0.00017	ND		0.0024	0.00014
o-Chlorotoluene	95-49-8		ND		0.0023	0.00022	ND		0.0023	0.00022	ND		0.0024	0.00023	ND		0.0023	0.00022	ND		0.0028	0.00027	ND		0.0024	0.00023
p-Chlorotoluene	106-43-4		ND		0.0023	0.00012	ND		0.0023	0.00012	ND		0.0024	0.00013	ND		0.0023	0.00012	ND		0.0028	0.00015	ND		0.0024	0.00013
1,2-Dibromo-3-chloropropane	96-12-8		ND		0.0035	0.0012	ND		0.0035	0.0012	ND		0.0036	0.0012	ND		0.0034	0.0011	ND		0.0042	0.0014	ND		0.0036	0.0012
Hexachlorobutadiene	87-68-3		ND		0.0046	0.0002	ND		0.0046	0.0002	ND		0.0048	0.0002	ND		0.0045	0.00019	ND		0.0057	0.00024	ND		0.0048	0.0002
Isopropylbenzene	98-82-8		ND		0.0012	0.00012	ND		0.0012	0.00013	ND		0.0012	0.00013	ND		0.0011	0.00012	ND		0.0014	0.00015	ND		0.0012	0.00013
p-Isopropyltoluene	99-87-6		ND		0.0012	0.00012	ND		0.0012	0.00013	ND		0.0012	0.00013	ND		0.0011	0.00012	ND		0.0014	0.00015	ND		0.0012	0.00013
Naphthalene	91-20-3	12	ND		0.0046	0.00075	ND		0.0046	0.00076	ND		0.0048	0.00078	ND		0.0045	0.00074	ND		0.0057	0.00092	ND		0.0048	0.00078
Acrylonitrile	107-13-1		ND		0.0046	0.0013	ND		0.0046	0.0013	ND		0.0048	0.0014	ND		0.0045	0.0013	ND		0.0057	0.0016	ND		0.0048	0.0014
n-Propylbenzene	103-65-1	3.9	ND		0.0012	0.0002	ND		0.0012	0.0002	ND		0.0012	0.0002	ND		0.0011	0.00019	ND		0.0014	0.00024	ND		0.0012	0.0002
1,2,3-Trichlorobenzene	87-61-6		ND		0.0023	0.00037	ND		0.0023	0.00037	ND		0.0024	0.00039	ND		0.0023	0.00037	ND		0.0028	0.00046	ND		0.0024	0.00038
1,2,4-Trichlorobenzene	120-82-1		ND		0.0023	0.00031	ND		0.0023	0.00032	ND		0.0024	0.00033	ND		0.0023	0.00031	ND		0.0028	0.00038	ND		0.0024	0.00032
1,3,5-Trimethylbenzene	108-67-8	8.4	ND		0.0023	0.00022	ND		0.0023	0.00022	ND		0.0024	0.00023	ND		0.0023	0.00022	ND		0.0028	0.00027	ND		0.0024	0.00023
1,2,4-Trimethylbenzene	95-63-6	3.6	ND		0.0023	0.00038	ND		0.0023	0.00039	ND		0.0024	0.0004	ND		0.0023	0.00038	ND		0.0028	0.00047	ND		0.0024	0.0004
1,4-Dioxane	123-91-1	0.1	ND		0.092	0.04	ND		0.093	0.041	ND		0.096	0.042	ND		0.091	0.04	ND		0.11	0.05	ND		0.096	0.042
p-Diethylbenzene	105-05-5		ND		0.0023	0.0002	ND		0.0023	0.0002	ND		0.0024	0.00021	ND		0.0023	0.0002	ND		0.0028	0.00025	ND		0.0024	0.00021
p-Ethyltoluene	622-96-8		ND		0.0023	0.00044	ND		0.0023	0.00045	ND		0.0024	0.00046	ND		0.0023	0.00044	ND		0.0028	0.00054	ND		0.0024	0.00046
1,2,4,5-Tetramethylbenzene	95-93-2		ND		0.0023	0.00022	ND		0.0023	0.00022	ND		0.0024	0.00023	ND		0.0023	0.00022	ND		0.0028	0.00027	ND		0.0024	0.00023
Ethyl ether	60-29-7		ND		0.0023	0.00039	ND		0.0023	0.0004	ND		0.0024	0.00041	ND		0.0023	0.00039	ND		0.0028	0.00048	ND		0.0024	0.00041
trans-1,4-Dichloro-2-butene	110-57-6		ND		0.0058	0.0016	ND		0.0058	0.0016	ND		0.006	0.0017	ND		0.0057	0.0016	ND		0.0071	0.002	ND		0.006	0.0017
Total VOCs			-	-	-	-	0.0027	-	-	-	0.00304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL METALS																										
Aluminum, Total	7429-90-5		6900		8.35	2.25	3430		7.94	2.14	4890		8.01	2.16	6790		7.94	2.14	4690		9.37	2.53	3630		7.97	2.15
Antimony, Total	7440-36-0		ND		4.17	0.317	ND		3.97	0.302	ND		4.01	0.304	ND		3.97	0.302	ND		4.69	0.356	ND		3.98	0.303
Arsenic, Total	7440-38-2	13	2.43		0.835	0.174	0.834		0.794	0.165	1.1		0.801	0.167	1.8		0.794	0.165	0.562	J	0.937	0.195	0.613	J	0.797	0.166
Barium, Total	7440-39-3	350	48.1		0.835	0.145	17.5		0.794	0.138	27.8		0.801	0.139	40.8		0.794	0.138	27		0.937	0.163	26.2		0.797	0.139
Beryllium, Total	7440-41-7	7.2	0.058	J	0.417	0.028	0.072	J	0.397	0.026	0.104	J	0.401	0.026	0.072	J	0.397	0.026	0.15	J	0.469	0.031	0.151	J	0.398	0.026
Cadmium, Total	7440-43-9	2.5	0.134	J	0.835	0.082	0.151	J	0.794	0.078	0.224	J	0.801	0.079	0.079	J	0.794	0.078	ND		0.937	0.092	ND		0.797	0.078
Calcium, Total	7440-70-2		14200		8.35	2.92	538		7.94	2.78	1020		8.01	2.8	2850		7.94	2.78	616		9.37	3.28	989		7.97	2.79
Chromium, Total	7440-47-3		10.2		0.835	0.08	4.9		0.794	0.076	8.32		0.801	0.077	12.2		0.794	0.076	7.79		0.937	0.09	7.86		0.797	0.077
Cobalt, Total	7440-48-4		5.8		1.67	0.138	2.9		1.59	0.132	5.64		1.6	0.133	6.95		1.59	0.132	4.95		1.87	0.156	4.56		1.59	0.132
Copper, Total	7440-50-8	50	21.3		0.835	0.215	6.68		0.794	0.205	12.6		0.801	0.207	15		0.794	0.205	9.08		0.937	0.242	9.11		0.797	0.206
Iron, Total	7439-89-6		11800		4.17	0.754	5960		3.97	0.717	9080		4.01	0.724	12300		3.97	0.717	9520		4.69	0.846	8950		3.98	0.719
Lead, Total	7439-92-1	63	44.9		4.17	0.224	4		3.97	0.213	3.96	J	4.01	0.215	7.21		3.97	0.213	2.92	J	4.69	0.251	6.77		3.98	0.214
Magnesium, Total	7439-95-4		4310		8.35	1.28	2200		7.94	1.22	2910		8.01	1.23	3960		7.94	1.22	3150		9.37	1.44	1930		7.97	1.23
Manganese, Total	7439-96-5	1600	217		0.835	0.133	121		0.794	0.126	128		0.801	0.127	342		0.794	0.126	151		0.937	0.149	223		0.797	0.127
Mercury, Total	7439-97-6	0.18	0.154		0.069	0.045	ND		0.065	0.042	ND		0.065	0.043	ND		0.067	0.044	ND		0.077	0.05	ND		0.075	0.049
Nickel, Total	7440-02-0	30	8.86		2.09	0.202	4.59		1.98	0.192	6.64		2	0.194	10		1.99	0.192	7.36		2.34	0.227	6.44		1.99	0.193
Potassium, Total	7440-09-7		1240		209	12	575		198	11.4	996		200	11.5	1600		199	11.4	988		234	13.5	702		199	11.5
Selenium, Total	7782-49-2	3.9	ND		1.67	0.215	ND		1.59	0.205	ND		1.6	0.207	ND		1.59	0.205	0.272	J	1.87	0.242	ND		1.59	0.206
Silver, Total	7440-22-4	2	ND		0.835	0.236	ND		0.795	0.225	ND		0.791	0.224	ND		0.794	0.225	ND		0.937	0.265	ND		0.797	0.225
Sodium, Total	7440-23-5		325		167	2.63	190		159	2.5	202		158	2.49	207		159	2.5	225		187	2.95	259		159	2.51

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-59B (6-6.5)				RA-60 (8.0-8.5)				RA-60A (6.0-6.5)				RA-60B (6-6.5)				RA-61 (4.5-5')				RA-62 (4.5-5')			
		LAB ID:	L2210455-08				L2210313-01				L2210313-02				L2210455-05				L2209850-02				L2209850-03			
		COLLECTION DATE:	2/28/2022				2/25/2022				2/25/2022				2/28/2022				2/23/2022				2/23/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																								
		(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																										
Thallium, Total	7440-28-0		ND		1.67	0.263	ND		1.59	0.25	ND		1.6	0.252	ND		1.59	0.25	ND		1.87	0.295	ND		1.59	0.251
Vanadium, Total	7440-62-2		17.6		0.835	0.169	5.84		0.794	0.161	11.2		0.801	0.163	18.4		0.794	0.161	9.53		0.937	0.19	9.83		0.797	0.162
Zinc, Total	7440-66-6	109	53.2		4.17	0.245	20		3.97	0.233	26.5		4.01	0.235	28.2		3.97	0.233	32		4.69	0.275	21.6		3.98	0.233
GENERAL CHEMISTRY																										
Solids, Total	NONE		92		0.1	NA	97.3		0.1	NA	96		0.1	NA	95.2		0.1	NA	82.9		0.1	NA	97		0.1	NA
Cyanide, Total	57-12-5	27	ND		1	0.21	ND		0.95	0.2	ND		1	0.21	ND		0.97	0.2	ND		1.2	0.25	ND		1	0.21

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	2030005-08				2021370-01				2021370-02				2030005-05				2021349-02				2021349-03			
		SAMPLE ID:	RA-59B (6-6.5)				RA-60 (8.0-8.5)				RA-60A (6.0-6.5)				RA-60B (6-6.5)				RA-61 (4.5-5')				RA-62 (4.5-5')			
		COLLECTION DATE:	02/28/2022 14:55				02/25/2022 11:50				02/25/2022 12:00				02/28/2022 14:25				02/23/2022 16:10				02/23/2022 16:15			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil				Soil				Soil			
		NY-UNRES																								
		(mg/kg)																								
Compound	**CAS#**																									
General Chemistry (%)			Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO
Percent Solids	PERSOL		**92.6**				**95**				**84.2**				**96.2**				**91.4**				**94.5**			
PCBs (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
Aroclor-1016	12674-11-2		0.00478	U	0.00478	0.0356	0.00466	U	0.00466	0.0347	0.00526	U	0.00526	0.0392	0.0046	U	0.0046	0.0343	0.00484	U	0.00484	0.0361	0.00468	U	0.00468	0.0349
Aroclor-1221	11104-28-2		0.0094	U	0.0094	0.0356	0.00916	U	0.00916	0.0347	0.0103	U	0.0103	0.0392	0.00904	U	0.00904	0.0343	0.00952	U	0.00952	0.0361	0.00921	U	0.00921	0.0349
Aroclor-1232	11141-16-5		0.012	U	0.012	0.0356	0.0117	U	0.0117	0.0347	0.0132	U	0.0132	0.0392	0.0115	U	0.0115	0.0343	0.0121	U	0.0121	0.0361	0.0117	U	0.0117	0.0349
Aroclor-1242	53469-21-9		0.007	U	0.007	0.0356	0.00683	U	0.00683	0.0347	0.0077	U	0.0077	0.0392	0.00674	U	0.00674	0.0343	0.0071	U	0.0071	0.0361	0.00686	U	0.00686	0.0349
Aroclor-1248	12672-29-6		0.00732	U	0.00732	0.0356	0.00714	U	0.00714	0.0347	0.00805	U	0.00805	0.0392	0.00705	U	0.00705	0.0343	0.00742	U	0.00742	0.0361	0.00718	U	0.00718	0.0349
Aroclor-1254	11097-69-1		0.00575	U	0.00575	0.0356	0.00561	U	0.00561	0.0347	0.00632	U	0.00632	0.0392	0.00553	U	0.00553	0.0343	0.00583	U	0.00583	0.0361	0.00564	U	0.00564	0.0349
Aroclor-1260	11096-82-5		0.00446	U	0.00446	0.0356	0.00435	U	0.00435	0.0347	0.00491	U	0.00491	0.0392	0.00429	U	0.00429	0.0343	0.00452	U	0.00452	0.0361	0.00437	U	0.00437	0.0349
Aroclor-1262	37324-23-5		0.00959	U	0.00959	0.0356	0.00935	U	0.00935	0.0347	0.0105	U	0.0105	0.0392	0.00923	U	0.00923	0.0343	0.00972	U	0.00972	0.0361	0.0094	U	0.0094	0.0349
Aroclor-1268	11100-14-4		0.00431	U	0.00431	0.0356	0.0042	U	0.0042	0.0347	0.00474	U	0.00474	0.0392	0.00415	U	0.00415	0.0343	0.00437	U	0.00437	0.0361	0.00423	U	0.00423	0.0349
Total PCBs	1336-36-3	0.1	0.00333	U	0.00333	0.0356	0.00324	U	0.00324	0.0347	0.00366	U	0.00366	0.0392	0.0032	U	0.0032	0.0343	0.00337	U	0.00337	0.0361	0.00326	U	0.00326	0.0349
Pesticides (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	72-54-8	0.0033	0.000643	U	0.000643	0.0014	0.000626	U	0.000626	0.00137	0.000707	U	0.000707	0.00154	0.000618	U	0.000618	0.00135	0.000651	U	0.000651	0.00142	0.00063	U	0.00063	0.00138
4,4'-DDE	72-55-9	0.0033	0.000768	U	0.000768	0.0014	0.000748	U	0.000748	0.00137	0.000844	U	0.000844	0.00154	0.000739	U	0.000739	0.00135	0.000778	U	0.000778	0.00142	0.000753	U	0.000753	0.00138
4,4'-DDT	50-29-3	0.0033	0.000991	U	0.000991	0.0014	0.000966	U	0.000966	0.00137	0.00109	U	0.00109	0.00154	0.000954	U	0.000954	0.00135	0.001	U	0.001	0.00142	0.000972	U	0.000972	0.00138
Aldrin	309-00-2	0.005	0.000665	U	0.000665	0.0014	0.000648	U	0.000648	0.00137	0.000731	U	0.000731	0.00154	0.00064	U	0.00064	0.00135	0.000674	U	0.000674	0.00142	0.000652	U	0.000652	0.00138
alpha-BHC	319-84-6	0.02	0.000418	U	0.000418	0.0014	0.000407	U	0.000407	0.00137	0.00046	U	0.00046	0.00154	0.000402	U	0.000402	0.00135	0.000423	U	0.000423	0.00142	0.00041	U	0.00041	0.00138
alpha-Chlordane (cis)	5103-71-9		**0.0125**		0.000895	0.0014	0.000873	U	0.000873	0.00137	0.000984	U	0.000984	0.00154	0.000861	U	0.000861	0.00135	0.000907	U	0.000907	0.00142	0.000877	U	0.000877	0.00138
beta-BHC	319-85-7	0.036	0.000671	U	0.000671	0.0014	0.000654	U	0.000654	0.00137	0.000737	U	0.000737	0.00154	0.000645	U	0.000645	0.00135	0.00068	U	0.00068	0.00142	0.000657	U	0.000657	0.00138
Chlordane	57-74-9		**0.0208**		0.000624	0.0014	0.000608	U	0.000608	0.00137	0.000686	U	0.000686	0.00154	0.000601	U	0.000601	0.00135	0.000633	U	0.000633	0.00142	0.000612	U	0.000612	0.00138
delta-BHC	319-86-8	0.04	0.000652	U	0.000652	0.0014	0.000636	U	0.000636	0.00137	0.000717	U	0.000717	0.00154	0.000628	U	0.000628	0.00135	0.000661	U	0.000661	0.00142	0.000639	U	0.000639	0.00138
Dieldrin	60-57-1	0.005	0.000734	U	0.000734	0.0014	0.000716	U	0.000716	0.00137	0.000807	U	0.000807	0.00154	0.000707	U	0.000707	0.00135	0.000744	U	0.000744	0.00142	0.00072	U	0.00072	0.00138
Endosulfan I	959-98-8	2.4	0.000663	U	0.000663	0.0014	0.000646	U	0.000646	0.00137	0.000729	U	0.000729	0.00154	0.000638	U	0.000638	0.00135	0.000672	U	0.000672	0.00142	0.00065	U	0.00065	0.00138
Endosulfan II	33213-65-9	2.4	0.000638	U	0.000638	0.0014	0.000622	U	0.000622	0.00137	0.000702	U	0.000702	0.00154	0.000614	U	0.000614	0.00135	0.000647	U	0.000647	0.00142	0.000626	U	0.000626	0.00138
Endosulfan sulfate	1031-07-8	2.4	0.000528	U	0.000528	0.0014	0.000515	U	0.000515	0.00137	0.000581	U	0.000581	0.00154	0.000508	U	0.000508	0.00135	0.000535	U	0.000535	0.00142	0.000518	U	0.000518	0.00138
Endosulfans, Total (alpha and beta)	115-29-7		0.000638	U	0.000638	0.0014	0.000622	U	0.000622	0.00137	0.000702	U	0.000702	0.00154	0.000614	U	0.000614	0.00135	0.000647	U	0.000647	0.00142	0.000626	U	0.000626	0.00138
Endrin	72-20-8	0.014	0.000485	U	0.000485	0.0014	0.000473	U	0.000473	0.00137	0.000533	U	0.000533	0.00154	0.000467	U	0.000467	0.00135	0.000491	U	0.000491	0.00142	0.000475	U	0.000475	0.00138
Endrin aldehyde	7421-93-4		0.000559	U	0.000559	0.0014	0.000545	U	0.000545	0.00137	0.000615	U	0.000615	0.00154	0.000538	U	0.000538	0.00135	0.000567	U	0.000567	0.00142	0.000548	U	0.000548	0.00138
Endrin ketone	53494-70-5		0.000495	U	0.000495	0.0014	0.000482	U	0.000482	0.00137	0.000544	U	0.000544	0.00154	0.000476	U	0.000476	0.00135	0.000501	U	0.000501	0.00142	0.000485	U	0.000485	0.00138
gamma-BHC (Lindane)	58-89-9	0.1	0.000445	U	0.000445	0.0014	0.000434	U	0.000434	0.00137	0.000489	U	0.000489	0.00154	0.000428	U	0.000428	0.00135	0.000451	U	0.000451	0.00142	0.000436	U	0.000436	0.00138
gamma-Chlordane	5566-34-7		**0.00834**		0.000624	0.0014	0.000608	U	0.000608	0.00137	0.000686	U	0.000686	0.00154	0.000601	U	0.000601	0.00135	0.000633	U	0.000633	0.00142	0.000612	U	0.000612	0.00138
Heptachlor	76-44-8	0.042	0.000376	U	0.000376	0.0014	0.000366	U	0.000366	0.00137	0.000413	U	0.000413	0.00154	0.000362	U	0.000362	0.00135	0.000381	U	0.000381	0.00142	0.000368	U	0.000368	0.00138
Heptachlor Epoxide	1024-57-3		0.000708	U	0.000708	0.0014	0.000691	U	0.000691	0.00137	0.000779	U	0.000779	0.00154	0.000682	U	0.000682	0.00135	0.000718	U	0.000718	0.00142	0.000694	U	0.000694	0.00138
Methoxychlor	72-43-5		0.000411	U	0.000411	0.0014	0.000401	U	0.000401	0.00137	0.000452	U	0.000452	0.00154	0.000396	U	0.000396	0.00135	0.000417	U	0.000417	0.00142	0.000403	U	0.000403	0.00138
Toxaphene	8001-35-2		0.0676	U	0.0676	0.0713	0.0659	U	0.0659	0.0695	0.0744	U	0.0744	0.0784	0.0651	U	0.0651	0.0686	0.0685	U	0.0685	0.0722	0.0663	U	0.0663	0.0699
Semivolatile Organics - GC/MS (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
1,2,4,5-Tetrachlorobenzene	95-94-3		0.0218	U	0.0218	0.144	0.0213	U	0.0213	0.14	0.024	U	0.024	0.158	0.021	U	0.021	0.138	0.0221	U	0.0221	0.146	0.0214	U	0.0214	0.141
1,2,4-Trichlorobenzene	120-82-1		0.0148	U	0.0148	0.144	0.0144	U	0.0144	0.14	0.0163	U	0.0163	0.158	0.0142	U	0.0142	0.138	0.015	U	0.015	0.146	0.0145	U	0.0145	0.141
1,2-Dichlorobenzene	95-50-1	1.1	0.0269	U	0.0269	0.144	0.0262	U	0.0262	0.14	0.0296	U	0.0296	0.158	0.0259	U	0.0259	0.138	0.0272	U	0.0272	0.146	0.0264	U	0.0264	0.141
1,3-Dichlorobenzene	541-73-1	2.4	0.0186	U	0.0186	0.144	0.0181	U	0.0181	0.14	0.0204	U	0.0204	0.158	0.0179	U	0.0179	0.138	0.0188	U	0.0188	0.146	0.0182	U	0.0182	0.141
1,4-Dichlorobenzene	106-46-7	1.8	0.0182	U	0.0182	0.144	0.0178	U	0.0178	0.14	0.0201	U	0.0201	0.158	0.0176	U	0.0176	0.138	0.0185	U	0.0185	0.146	0.0179	U	0.0179	0.141
1,4-Dioxane	123-91-1	0.1	0.00406	U	0.00406	0.036	0.00396	U	0.00396	0.0351	0.00446	U	0.00446	0.0395	0.00391	U	0.00391	0.0346	0.00411	U	0.00411	0.0364	0.00398	U	0.00398	0.0352
2,4,5-Trichlorophenol	95-95-4		0.0195	U	0.0195	0.144	0.0191	U	0.0191	0.14	0.0215	U	0.0215	0.158	0.0188	U	0.0188	0.138	0.0198	U	0.0198	0.146	0.0192	U	0.0192	0.141
2,4,6-Trichlorophenol	88-06-2		0.009	U	0.009	0.144	0.00877	U	0.00877	0.14	0.00989	U	0.00989	0.158	0.00866	U	0.00866	0.138	0.00912	U	0.00912	0.146	0.00882	U	0.00882	0.141
2,4-Dichlorophenol	120-83-2		0.0145	U	0.0145	0.144	0.0141	U	0.0141	0.14	0.0159	U	0.0159	0.158	0.0139	U	0.0139	0.138	0.0147	U	0.0147	0.146	0.0142	U	0.0142	0.141
2,4-Dimethylphenol	105-67-9		0.0141	U	0.0141	0.144	0.0138	U	0.0138	0.14	0.0156	U	0.0156	0.158	0.0136	U	0.0136	0.138	0.0143	U	0.0143	0.146	0.0139	U	0.0139	0.141
2,4-Dinitrophenol	51-28-5		0.0207	U	0.0207	0.72	0.0202	U	0.0202	0.702	0.0228	U	0.0228	0.792	0.02	U	0.02	0.693	0.021	U	0.021	0.73	0.0203	U	0.0203	0.706
2,4-Dinitrotoluene	121-14-2		0.0153	U	0.0153	0.144	0.0149	U	0.0149	0.14	0.0169	U	0.0169	0.158	0.0148	U	0.0148	0.138	0.0155	U	0.0155	0.146	0.015	U	0.015	0.141
2,6-Dinitrotoluene	606-20-2		0.0343	U	0.0343	0.144	0.0335	U	0.0335	0.14	0.0378	U	0.0378	0.158	0.033	U	0.033	0.138	0.0348	U	0.0348	0.146	0.0337	U	0.0337	0.141
2-Chloronaphthalene	91-58-7		0.0165	U	0.0165	0.144	0.0161	U	0.0161	0.14	0.0182	U	0.0182	0.158	0.0159	U	0.0159	0.138	0.0167	U	0.0167	0.146	0.0162	U	0.0162	0.141
2-Chlorophenol	95-57-8		0.019	U	0.019	0.144	0.0185	U	0.0185	0.14	0.0209	U	0.0209	0.158	0.0183	U	0.0183	0.138	0.0193	U	0.0193	0.146	0.0186	U	0.0186	0.141
2-Methylnaphthalene	91-57-6		0.0344	U	0.0344	0.216	0.0336	U	0.0336	0.211	0.0379	U	0.0379	0.237	0.0331	U	0.0331	0.208	0.0349	U	0.0349	0.219	0.0338	U	0.0338	0.212
2-Methylphenol	95-48-7	0.33	0.0284	U	0.0284	0.144	0.0277	U	0.0277	0.14	0.0312	U	0.0312	0.158	0.0273	U	0.0273	0.138	0.0288	U	0.0288	0.146	0.0278	U	0.0278	0.141
2-Nitroaniline	88-74-4		0.0116	U	0.0116	0.144	0.0113	U	0.0113	0.14	0.0127	U	0.0127	0.158	0.0111	U	0.0111	0.138	0.0117	U	0.0117	0.146	0.0113	U	0.0113	0.141
2-Nitrophenol	88-75-5		0.016	U	0.016	0.144	0.0156	U	0.0156	0.14	0.0176	U	0.0176	0.158	0.0154	U	0.0154	0.138	0.0162	U	0.0162	0.146	0.0157	U	0.0157	0.141
3,3'-Dichlorobenzidine	91-94-1		0.0151	U	0.0151	0.144	0.0147	U	0.0147	0.14	0.0166	U	0.0166	0.158	0.0145	U	0.0145	0.138	0.0153	U	0.0153	0.146	0.0148	U	0.0148	0.141
3+4-Methylphenol	65794-96-9	0.33	0.0263	U	0.0263	0.144	0.0257	U	0.0257	0.14	0.029	U	0.029	0.158	0.0254	U	0.0254	0.138	0.0267	U	0.0267	0.146	0.0258	U	0.0258	0.141

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	2030005-08				2021370-01				2021370-02				2030005-05				2021349-02				2021349-03			
		SAMPLE ID:	RA-59B (6-6.5)				RA-60 (8.0-8.5)				RA-60A (6.0-6.5)				RA-60B (6-6.5)				RA-61 (4.5-5')				RA-62 (4.5-5')			
		COLLECTION DATE:	02/28/2022 14:55				02/25/2022 11:50				02/25/2022 12:00				02/28/2022 14:25				02/23/2022 16:10				02/23/2022 16:15			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil				Soil				Soil			
		NY-UNRES																								
Semivolatile Organics - GC/MS (mg/kg)																										
3-Nitroaniline	99-09-2		0.0267	U	0.0267	0.144	0.026	U	0.026	0.14	0.0293	U	0.0293	0.158	0.0257	U	0.0257	0.138	0.027	U	0.027	0.146	0.0261	U	0.0261	0.141
4,6-Dinitro-2-methylphenol	534-52-1		0.0271	U	0.0271	0.36	0.0264	U	0.0264	0.351	0.0298	U	0.0298	0.395	0.0261	U	0.0261	0.346	0.0275	U	0.0275	0.364	0.0266	U	0.0266	0.352
4-Bromophenyl-phenyl ether	101-55-3		0.0205	U	0.0205	0.144	0.02	U	0.02	0.14	0.0226	U	0.0226	0.158	0.0197	U	0.0197	0.138	0.0208	U	0.0208	0.146	0.0201	U	0.0201	0.141
4-Chloro-3-methylphenol	59-50-7		0.0227	U	0.0227	0.144	0.0221	U	0.0221	0.14	0.0249	U	0.0249	0.158	0.0218	U	0.0218	0.138	0.023	U	0.023	0.146	0.0222	U	0.0222	0.141
4-Chloroaniline	106-47-8		0.00503	U	0.00503	0.144	0.00491	U	0.00491	0.14	0.00553	U	0.00553	0.158	0.00484	U	0.00484	0.138	0.0051	U	0.0051	0.146	0.00493	U	0.00493	0.141
4-Chlorophenyl phenyl ether	7005-72-3		0.00776	U	0.00776	0.144	0.00757	U	0.00757	0.14	0.00854	U	0.00854	0.158	0.00747	U	0.00747	0.138	0.00787	U	0.00787	0.146	0.00761	U	0.00761	0.141
4-Nitroaniline	100-01-6		0.0719	U	0.0719	0.144	0.0701	U	0.0701	0.14	0.0791	U	0.0791	0.158	0.0692	U	0.0692	0.138	0.0729	U	0.0729	0.146	0.0705	U	0.0705	0.141
4-Nitrophenol	100-02-7		0.0092	U	0.0092	0.144	0.00897	U	0.00897	0.14	0.0101	U	0.0101	0.158	0.00885	U	0.00885	0.138	0.00932	U	0.00932	0.146	0.00902	U	0.00902	0.141
Acenaphthene	83-32-9	20	0.0082	U	0.0082	0.144	0.00799	U	0.00799	0.14	0.00901	U	0.00901	0.158	0.00789	U	0.00789	0.138	0.00831	U	0.00831	0.146	0.00803	U	0.00803	0.141
Acenaphthylene	208-96-8	100	**0.0806**	J	0.005	0.144	0.00487	U	0.00487	0.14	0.0055	U	0.0055	0.158	0.00481	U	0.00481	0.138	0.00507	U	0.00507	0.146	0.0049	U	0.0049	0.141
Acetophenone	98-86-2		0.0143	U	0.0143	0.144	0.0139	U	0.0139	0.14	0.0157	U	0.0157	0.158	0.0137	U	0.0137	0.138	0.0144	U	0.0144	0.146	0.014	U	0.014	0.141
Anthracene	120-12-7	100	**0.104**	J	0.0208	0.144	0.0203	U	0.0203	0.14	0.0229	U	0.0229	0.158	**0.0922**	J	0.0201	0.138	0.0211	U	0.0211	0.146	0.0204	U	0.0204	0.141
Benzo(a)anthracene	56-55-3	1	**0.591**		0.0145	0.144	0.0141	U	0.0141	0.14	0.0159	U	0.0159	0.158	**0.59**		0.0139	0.138	**0.0794**	J	0.0147	0.146	0.0142	U	0.0142	0.141
Benzo(a)pyrene	50-32-8	1	**0.615**		0.0251	0.144	0.0244	U	0.0244	0.14	0.0275	U	0.0275	0.158	**0.505**		0.0241	0.138	**0.0792**	J	0.0254	0.146	0.0246	U	0.0246	0.141
Benzo(b)fluoranthene	205-99-2	1	**0.844**		0.0202	0.144	0.0197	U	0.0197	0.14	**0.0288**	J	0.0222	0.158	**0.851**		0.0194	0.138	**0.134**	J	0.0205	0.146	0.0198	U	0.0198	0.141
Benzo(g,h,i)perylene	191-24-2	100	**0.431**		0.0117	0.144	0.0114	U	0.0114	0.14	0.0128	U	0.0128	0.158	**0.385**		0.0112	0.138	**0.0741**	J	0.0118	0.146	0.0114	U	0.0114	0.141
Benzo(k)fluoranthene	207-08-9	0.8	**0.343**		0.0165	0.144	0.0161	U	0.0161	0.14	0.0182	U	0.0182	0.158	**0.317**		0.0159	0.138	**0.0552**	J	0.0167	0.146	0.0162	U	0.0162	0.141
Benzoic acid	65-85-0		0.167	U	0.167	0.36	0.162	U	0.162	0.351	0.183	U	0.183	0.395	0.16	U	0.16	0.346	0.169	U	0.169	0.364	0.163	U	0.163	0.352
Benzyl alcohol	100-51-6		0.0322	U	0.0322	0.144	0.0314	U	0.0314	0.14	0.0354	U	0.0354	0.158	0.031	U	0.031	0.138	0.0326	U	0.0326	0.146	0.0315	U	0.0315	0.141
Biphenyl	92-52-4		0.0126	U	0.0126	0.144	0.0123	U	0.0123	0.14	0.0139	U	0.0139	0.158	0.0122	U	0.0122	0.138	0.0128	U	0.0128	0.146	0.0124	U	0.0124	0.141
bis(2-chloroethoxy)methane	111-91-1		0.0199	U	0.0199	0.144	0.0194	U	0.0194	0.14	0.0218	U	0.0218	0.158	0.0191	U	0.0191	0.138	0.0201	U	0.0201	0.146	0.0195	U	0.0195	0.141
bis(2-chloroethyl)ether	111-44-4		0.0158	U	0.0158	0.144	0.0154	U	0.0154	0.14	0.0173	U	0.0173	0.158	0.0152	U	0.0152	0.138	0.016	U	0.016	0.146	0.0155	U	0.0155	0.141
bis(2-chloroisopropyl)ether	108-60-1		0.0517	U	0.0517	0.144	0.0504	U	0.0504	0.14	0.0569	U	0.0569	0.158	0.0498	U	0.0498	0.138	0.0524	U	0.0524	0.146	0.0507	U	0.0507	0.141
bis(2-ethylhexyl)phthalate	117-81-7		**0.041**	J	0.0287	0.144	0.028	U	0.028	0.14	0.0316	U	0.0316	0.158	0.0276	U	0.0276	0.138	0.0291	U	0.0291	0.146	0.0282	U	0.0282	0.141
Butylbenzylphthalate	85-68-7		0.0131	U	0.0131	0.144	0.0127	U	0.0127	0.14	0.0144	U	0.0144	0.158	0.0126	U	0.0126	0.138	0.0132	U	0.0132	0.146	0.0128	U	0.0128	0.141
Carbazole	86-74-8		**0.0385**	J	0.0276	0.36	0.0269	U	0.0269	0.351	0.0304	U	0.0304	0.395	**0.156**	J	0.0266	0.346	0.028	U	0.028	0.364	0.0271	U	0.0271	0.352
Chrysene	218-01-9	1	**0.602**		0.00985	0.144	0.0096	U	0.0096	0.14	0.0108	U	0.0108	0.158	**0.868**		0.00948	0.138	**0.127**	J	0.00998	0.146	0.00965	U	0.00965	0.141
Dibenzo(a,h)anthracene	53-70-3	0.33	**0.117**	J	0.0143	0.144	0.0139	U	0.0139	0.14	0.0157	U	0.0157	0.158	**0.11**	J	0.0137	0.138	0.0144	U	0.0144	0.146	0.014	U	0.014	0.141
Dibenzofuran	132-64-9	7	0.00856	U	0.00856	0.144	0.00835	U	0.00835	0.14	0.00942	U	0.00942	0.158	0.00824	U	0.00824	0.138	0.00868	U	0.00868	0.146	0.00839	U	0.00839	0.141
Diethylphthalate	84-66-2		0.0279	U	0.0279	0.144	0.0272	U	0.0272	0.14	0.0306	U	0.0306	0.158	0.0268	U	0.0268	0.138	0.0282	U	0.0282	0.146	0.0273	U	0.0273	0.141
Dimethylphthalate	131-11-3		0.00892	U	0.00892	0.144	0.0087	U	0.0087	0.14	0.00981	U	0.00981	0.158	0.00858	U	0.00858	0.138	0.00904	U	0.00904	0.146	0.00874	U	0.00874	0.141
Di-n-butylphthalate	84-74-2		0.0587	U	0.0587	0.144	0.0573	U	0.0573	0.14	0.0646	U	0.0646	0.158	0.0565	U	0.0565	0.138	0.0595	U	0.0595	0.146	0.0576	U	0.0576	0.141
Di-n-octylphthalate	117-84-0		0.0295	U	0.0295	0.144	0.0287	U	0.0287	0.14	0.0324	U	0.0324	0.158	0.0284	U	0.0284	0.138	0.0299	U	0.0299	0.146	0.0289	U	0.0289	0.141
Fluoranthene	206-44-0	100	**0.989**		0.0135	0.144	0.0132	U	0.0132	0.14	**0.0379**	J	0.0148	0.158	**1.79**		0.013	0.138	**0.214**		0.0137	0.146	**0.0276**	J	0.0132	0.141
Fluorene	86-73-7	30	0.012	U	0.012	0.144	0.0117	U	0.0117	0.14	0.0132	U	0.0132	0.158	**0.0421**	J	0.0115	0.138	0.0121	U	0.0121	0.146	0.0117	U	0.0117	0.141
Hexachlorobenzene	118-74-1	0.33	0.0188	U	0.0188	0.144	0.0183	U	0.0183	0.14	0.0207	U	0.0207	0.158	0.0181	U	0.0181	0.138	0.019	U	0.019	0.146	0.0184	U	0.0184	0.141
Hexachlorobutadiene	87-68-3		0.069	U	0.069	0.144	0.0673	U	0.0673	0.14	0.0759	U	0.0759	0.158	0.0664	U	0.0664	0.138	0.0699	U	0.0699	0.146	0.0676	U	0.0676	0.141
Hexachlorocyclopentadiene	77-47-4		0.0599	U	0.0599	0.36	0.0584	U	0.0584	0.351	0.0659	U	0.0659	0.395	0.0577	U	0.0577	0.346	0.0607	U	0.0607	0.364	0.0587	U	0.0587	0.352
Hexachloroethane	67-72-1		0.0158	U	0.0158	0.144	0.0154	U	0.0154	0.14	0.0173	U	0.0173	0.158	0.0152	U	0.0152	0.138	0.016	U	0.016	0.146	0.0155	U	0.0155	0.141
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	**0.39**		0.0154	0.144	0.0151	U	0.0151	0.14	0.017	U	0.017	0.158	**0.317**		0.0149	0.138	**0.0566**	J	0.0156	0.146	0.0151	U	0.0151	0.141
Isophorone	78-59-1		0.00942	U	0.00942	0.144	0.00918	U	0.00918	0.14	0.0104	U	0.0104	0.158	0.00906	U	0.00906	0.138	0.00954	U	0.00954	0.146	0.00923	U	0.00923	0.141
Naphthalene	91-20-3	12	0.0106	U	0.0106	0.144	0.0104	U	0.0104	0.14	0.0117	U	0.0117	0.158	0.0102	U	0.0102	0.138	0.0108	U	0.0108	0.146	0.0104	U	0.0104	0.141
Nitrobenzene	98-95-3		0.0244	U	0.0244	0.144	0.0238	U	0.0238	0.14	0.0268	U	0.0268	0.158	0.0235	U	0.0235	0.138	0.0247	U	0.0247	0.146	0.0239	U	0.0239	0.141
n-Nitroso-di-n-propylamine	621-64-7		0.0077	U	0.0077	0.144	0.00751	U	0.00751	0.14	0.00847	U	0.00847	0.158	0.00741	U	0.00741	0.138	0.0078	U	0.0078	0.146	0.00755	U	0.00755	0.141
n-Nitrosodiphenylamine	86-30-6		0.0307	U	0.0307	0.144	0.0299	U	0.0299	0.14	0.0337	U	0.0337	0.158	0.0295	U	0.0295	0.138	0.0311	U	0.0311	0.146	0.0301	U	0.0301	0.141
Pentachlorophenol	87-86-5	0.8	0.0198	U	0.0198	0.36	0.0193	U	0.0193	0.351	0.0217	U	0.0217	0.395	0.019	U	0.019	0.346	0.02	U	0.02	0.364	0.0194	U	0.0194	0.352
Phenanthrene	85-01-8	100	**0.275**		0.0189	0.144	0.0184	U	0.0184	0.14	0.0208	U	0.0208	0.158	**0.958**		0.0182	0.138	**0.102**	J	0.0192	0.146	0.0185	U	0.0185	0.141
Phenol	108-95-2	0.33	0.0117	U	0.0117	0.144	0.0114	U	0.0114	0.14	0.0128	U	0.0128	0.158	0.0112	U	0.0112	0.138	0.0118	U	0.0118	0.146	0.0114	U	0.0114	0.141
Pyrene	129-00-0	100	**0.832**		0.0106	0.144	0.0103	U	0.0103	0.14	**0.0287**	J	0.0116	0.158	**1.22**		0.0102	0.138	**0.150**		0.0107	0.146	0.0104	U	0.0104	0.141

Qualifiers:
U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 -
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Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-63 (8-8.5')				RA-63A (6-6.5')				RA-64 (8-8.5')				RA-64 (15-15.5)				RA-65 (15-15.5')				RA-65A (11-11.5)			
		LAB ID:	L2210130-03				L2210130-04				L2209850-05				CK96328				L2210130-01				L2209850-09			
		COLLECTION DATE:	2/24/2022				2/24/2022				2/23/2022				3/28/2022				2/24/2022				2/24/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																								
ANALYTE	CAS	(mg/kg)	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	ND		0.0066	0.003	ND		0.0069	0.0032	ND		0.0057	0.0026					ND		0.0072	0.0033	ND		0.0063	0.0029
1,1-Dichloroethane	75-34-3	0.27	ND		0.0013	0.00019	ND		0.0014	0.0002	ND		0.0011	0.00016					ND		0.0014	0.00021	ND		0.0013	0.00018
Chloroform	67-66-3	0.37	ND		0.002	0.00018	ND		0.0021	0.00019	ND		0.0017	0.00016					ND		0.0022	0.0002	ND		0.0019	0.00018
Carbon tetrachloride	56-23-5	0.76	ND		0.0013	0.0003	ND		0.0014	0.00032	ND		0.0011	0.00026					ND		0.0014	0.00033	ND		0.0013	0.00029
1,2-Dichloropropane	78-87-5		ND		0.0013	0.00016	ND		0.0014	0.00017	ND		0.0011	0.00014					ND		0.0014	0.00018	ND		0.0013	0.00016
Dibromochloromethane	124-48-1		ND		0.0013	0.00018	ND		0.0014	0.00019	ND		0.0011	0.00016					ND		0.0014	0.0002	ND		0.0013	0.00018
1,1,2-Trichloroethane	79-00-5		ND		0.0013	0.00035	ND		0.0014	0.00037	ND		0.0011	0.0003					ND		0.0014	0.00038	ND		0.0013	0.00034
Tetrachloroethene	127-18-4	1.3	ND		0.00066	0.00026	ND		0.00069	0.00027	ND		0.00057	0.00022					ND		0.00072	0.00028	ND		0.00063	0.00025
Chlorobenzene	108-90-7	1.1	ND		0.00066	0.00017	ND		0.00069	0.00017	ND		0.00057	0.00014					ND		0.00072	0.00018	ND		0.00063	0.00016
Trichlorofluoromethane	75-69-4		ND		0.0053	0.00092	ND		0.0055	0.00096	ND		0.0045	0.00079					ND		0.0058	0.001	ND		0.0051	0.00088
1,2-Dichloroethane	107-06-2	0.02	ND		0.0013	0.00034	ND		0.0014	0.00035	ND		0.0011	0.00029					ND		0.0014	0.00037	ND		0.0013	0.00033
1,1,1-Trichloroethane	71-55-6	0.68	ND		0.00066	0.00022	ND		0.00069	0.00023	ND		0.00057	0.00019					ND		0.00072	0.00024	ND		0.00063	0.00021
Bromodichloromethane	75-27-4		ND		0.00066	0.00014	ND		0.00069	0.00015	ND		0.00057	0.00012					ND		0.00072	0.00016	ND		0.00063	0.00014
trans-1,3-Dichloropropene	10061-02-6		ND		0.0013	0.00036	ND		0.0014	0.00038	ND		0.0011	0.00031					ND		0.0014	0.00039	ND		0.0013	0.00035
cis-1,3-Dichloropropene	10061-01-5		ND		0.00066	0.00021	ND		0.00069	0.00022	ND		0.00057	0.00018					ND		0.00072	0.00023	ND		0.00063	0.0002
1,3-Dichloropropene, Total	542-75-6		ND		0.00066	0.00021	ND		0.00069	0.00022	ND		0.00057	0.00018					ND		0.00072	0.00023	ND		0.00063	0.0002
1,1-Dichloropropene	563-58-6		ND		0.00066	0.00021	ND		0.00069	0.00022	ND		0.00057	0.00018					ND		0.00072	0.00023	ND		0.00063	0.0002
Bromoform	75-25-2		ND		0.0053	0.00032	ND		0.0055	0.00034	ND		0.0045	0.00028					ND		0.0058	0.00035	ND		0.0051	0.00031
1,1,2,2-Tetrachloroethane	79-34-5		ND		0.00066	0.00022	ND		0.00069	0.00023	ND		0.00057	0.00019					ND		0.00072	0.00024	ND		0.00063	0.00021
Benzene	71-43-2	0.06	ND		0.00066	0.00022	ND		0.00069	0.00023	ND		0.00057	0.00019					ND		0.00072	0.00024	ND		0.00063	0.00021
Toluene	108-88-3	0.7	0.0023		0.0013	0.00071	0.0025		0.0014	0.00075	ND		0.0011	0.00062					0.0024		0.0014	0.00078	ND		0.0013	0.00069
Ethylbenzene	100-41-4	1	ND		0.0013	0.00018	ND		0.0014	0.00019	ND		0.0011	0.00016					ND		0.0014	0.0002	ND		0.0013	0.00018
Chloromethane	74-87-3		ND		0.0053	0.0012	ND		0.0055	0.0013	ND		0.0045	0.001					ND		0.0058	0.0013	ND		0.0051	0.0012
Bromomethane	74-83-9		ND		0.0026	0.00076	ND		0.0028	0.0008	ND		0.0023	0.00066					ND		0.0029	0.00084	ND		0.0025	0.00074
Vinyl chloride	75-01-4	0.02	ND		0.0013	0.00044	ND		0.0014	0.00046	ND		0.0011	0.00038					ND		0.0014	0.00048	ND		0.0013	0.00042
Chloroethane	75-00-3		ND		0.0026	0.0006	ND		0.0028	0.00062	ND		0.0023	0.00051					ND		0.0029	0.00065	ND		0.0025	0.00057
1,1-Dichloroethene	75-35-4	0.33	ND		0.0013	0.00031	ND		0.0014	0.00033	ND		0.0011	0.00027					ND		0.0014	0.00034	ND		0.0013	0.0003
trans-1,2-Dichloroethene	156-60-5	0.19	ND		0.002	0.00018	ND		0.0021	0.00019	ND		0.0017	0.00016					ND		0.0022	0.0002	ND		0.0019	0.00017
Trichloroethene	79-01-6	0.47	ND		0.00066	0.00018	ND		0.00069	0.00019	ND		0.00057	0.00016					ND		0.00072	0.0002	ND		0.00063	0.00017
1,2-Dichlorobenzene	95-50-1	1.1	ND		0.0026	0.00019	ND		0.0028	0.0002	ND		0.0023	0.00016					ND		0.0029	0.00021	ND		0.0025	0.00018
1,3-Dichlorobenzene	541-73-1	2.4	ND		0.0026	0.00019	ND		0.0028	0.0002	ND		0.0023	0.00017					ND		0.0029	0.00021	ND		0.0025	0.00019
1,4-Dichlorobenzene	106-46-7	1.8	ND		0.0026	0.00022	ND		0.0028	0.00024	ND		0.0023	0.00019					ND		0.0029	0.00025	ND		0.0025	0.00022
Methyl tert butyl ether	1634-04-4	0.93	ND		0.0026	0.00026	ND		0.0028	0.00028	ND		0.0023	0.00023					ND		0.0029	0.00029	ND		0.0025	0.00026
p/m-Xylene	179601-23-1		ND		0.0026	0.00074	ND		0.0028	0.00077	ND		0.0023	0.00064					ND		0.0029	0.00081	ND		0.0025	0.00071
o-Xylene	95-47-6		ND		0.0013	0.00038	ND		0.0014	0.0004	ND		0.0011	0.00033					ND		0.0014	0.00042	ND		0.0013	0.00037
Xylenes, Total	1330-20-7	0.26	ND		0.0013	0.00038	ND		0.0014	0.0004	ND		0.0011	0.00033					ND		0.0014	0.00042	ND		0.0013	0.00037
cis-1,2-Dichloroethene	156-59-2	0.25	ND		0.0013	0.00023	ND		0.0014	0.00024	ND		0.0011	0.0002					ND		0.0014	0.00025	ND		0.0013	0.00022
1,2-Dichloroethene, Total	540-59-0		ND		0.0013	0.00018	ND		0.0014	0.00019	ND		0.0011	0.00016					ND		0.0014	0.0002	ND		0.0013	0.00017
Dibromomethane	74-95-3		ND		0.0026	0.00031	ND		0.0028	0.00033	ND		0.0023	0.00027					ND		0.0029	0.00034	ND		0.0025	0.0003
Styrene	100-42-5		0.00048	J	0.0013	0.00026	0.00056	J	0.0014	0.00027	ND		0.0011	0.00022					0.00058	J	0.0014	0.00028	ND		0.0013	0.00025
Dichlorodifluoromethane	75-71-8		ND		0.013	0.0012	ND		0.014	0.0013	ND		0.011	0.001					ND		0.014	0.0013	ND		0.013	0.0012
Acetone	67-64-1	0.05	ND		0.013	0.0063	ND		0.014	0.0066	ND		0.011	0.0054					ND		0.014	0.0069	ND		0.013	0.0061
Carbon disulfide	75-15-0		ND		0.013	0.006	ND		0.014	0.0063	ND		0.011	0.0052					ND		0.014	0.0066	ND		0.013	0.0058
2-Butanone	78-93-3	0.12	ND		0.013	0.0029	ND		0.014	0.003	ND		0.011	0.0025					ND		0.014	0.0032	ND		0.013	0.0028
Vinyl acetate	108-05-4		ND		0.013	0.0028	ND		0.014	0.003	ND		0.011	0.0024					ND		0.014	0.0031	ND		0.013	0.0027
4-Methyl-2-pentanone	108-10-1		ND		0.013	0.0017	ND		0.014	0.0018	ND		0.011	0.0014					ND		0.014	0.0018	ND		0.013	0.0016
1,2,3-Trichloropropane	96-18-4		ND		0.0026	0.00017	ND		0.0028	0.00017	ND		0.0023	0.00014					ND		0.0029	0.00018	ND		0.0025	0.00016
2-Hexanone	591-78-6		ND		0.013	0.0016	ND		0.014	0.0016	ND		0.011	0.0013					ND		0.014	0.0017	ND		0.013	0.0015
Bromochloromethane	74-97-5		ND		0.0026	0.00027	ND		0.0028	0.00028	ND		0.0023	0.00023					ND		0.0029	0.0003	ND		0.0025	0.00026
2,2-Dichloropropane	594-20-7		ND		0.0026	0.00026	ND		0.0028	0.00028	ND		0.0023	0.00023					ND		0.0029	0.00029	ND		0.0025	0.00026

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	**RA-63 (8-8.5')**				**RA-63A (6-6.5')**				**RA-64 (8-8.5')**				**RA-64 (15-15.5)**				**RA-65 (15-15.5')**				**RA-65A (11-11.5)**			
		LAB ID:	**L2210130-03**				**L2210130-04**				**L2209850-05**				**CK96328**				**L2210130-01**				**L2209850-09**			
		COLLECTION DATE:	**2/24/2022**				**2/24/2022**				**2/23/2022**				**3/28/2022**				**2/24/2022**				**2/24/2022**			
		SAMPLE MATRIX:	**SOIL**				**SOIL**				**SOIL**				**SOIL**				**SOIL**				**SOIL**			
		NY-UNRES																								
		(mg/kg)	**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																										
1,2-Dibromoethane	106-93-4		ND		0.0013	0.00037	ND		0.0014	0.00038	ND		0.0011	0.00032					ND		0.0014	0.0004	ND		0.0013	0.00035
1,3-Dichloropropane	142-28-9		ND		0.0026	0.00022	ND		0.0028	0.00023	ND		0.0023	0.00019					ND		0.0029	0.00024	ND		0.0025	0.00021
1,1,1,2-Tetrachloroethane	630-20-6		ND		0.00066	0.00017	ND		0.00069	0.00018	ND		0.00057	0.00015					ND		0.00072	0.00019	ND		0.00063	0.00017
Bromobenzene	108-86-1		ND		0.0026	0.00019	ND		0.0028	0.0002	ND		0.0023	0.00016					ND		0.0029	0.00021	ND		0.0025	0.00018
n-Butylbenzene	104-51-8	12	ND		0.0013	0.00022	ND		0.0014	0.00023	ND		0.0011	0.00019					ND		0.0014	0.00024	ND		0.0013	0.00021
sec-Butylbenzene	135-98-8	11	ND		0.0013	0.00019	ND		0.0014	0.0002	ND		0.0011	0.00016					ND		0.0014	0.00021	ND		0.0013	0.00018
tert-Butylbenzene	98-06-6	5.9	ND		0.0026	0.00016	ND		0.0028	0.00016	ND		0.0023	0.00013					ND		0.0029	0.00017	ND		0.0025	0.00015
o-Chlorotoluene	95-49-8		ND		0.0026	0.00025	ND		0.0028	0.00026	ND		0.0023	0.00022					ND		0.0029	0.00028	ND		0.0025	0.00024
p-Chlorotoluene	106-43-4		ND		0.0026	0.00014	ND		0.0028	0.00015	ND		0.0023	0.00012					ND		0.0029	0.00016	ND		0.0025	0.00014
1,2-Dibromo-3-chloropropane	96-12-8		ND		0.0039	0.0013	ND		0.0041	0.0014	ND		0.0034	0.0011					ND		0.0043	0.0014	ND		0.0038	0.0013
Hexachlorobutadiene	87-68-3		ND		0.0053	0.00022	ND		0.0055	0.00023	ND		0.0045	0.00019					ND		0.0058	0.00024	ND		0.0051	0.00021
Isopropylbenzene	98-82-8		ND		0.0013	0.00014	ND		0.0014	0.00015	ND		0.0011	0.00012					ND		0.0014	0.00016	ND		0.0013	0.00014
p-Isopropyltoluene	99-87-6		ND		0.0013	0.00014	ND		0.0014	0.00015	ND		0.0011	0.00012					ND		0.0014	0.00016	ND		0.0013	0.00014
Naphthalene	91-20-3	12	ND		0.0053	0.00086	ND		0.0055	0.0009	ND		0.0045	0.00074					ND		0.0058	0.00094	ND		0.0051	0.00082
Acrylonitrile	107-13-1		ND		0.0053	0.0015	ND		0.0055	0.0016	ND		0.0045	0.0013					ND		0.0058	0.0016	ND		0.0051	0.0015
n-Propylbenzene	103-65-1	3.9	ND		0.0013	0.00022	ND		0.0014	0.00024	ND		0.0011	0.00019					ND		0.0014	0.00025	ND		0.0013	0.00022
1,2,3-Trichlorobenzene	87-61-6		ND		0.0026	0.00042	ND		0.0028	0.00044	ND		0.0023	0.00036					ND		0.0029	0.00046	ND		0.0025	0.00041
1,2,4-Trichlorobenzene	120-82-1		ND		0.0026	0.00036	ND		0.0028	0.00037	ND		0.0023	0.00031					ND		0.0029	0.00039	ND		0.0025	0.00034
1,3,5-Trimethylbenzene	108-67-8	8.4	ND		0.0026	0.00025	ND		0.0028	0.00026	ND		0.0023	0.00022					ND		0.0029	0.00028	ND		0.0025	0.00024
1,2,4-Trimethylbenzene	95-63-6	3.6	ND		0.0026	0.00044	ND		0.0028	0.00046	ND		0.0023	0.00038					ND		0.0029	0.00048	ND		0.0025	0.00042
1,4-Dioxane	123-91-1	0.1	ND		0.1	0.046	ND		0.11	0.048	ND		0.091	0.04					ND		0.12	0.051	ND		0.1	0.044
p-Diethylbenzene	105-05-5		ND		0.0026	0.00023	ND		0.0028	0.00024	ND		0.0023	0.0002					ND		0.0029	0.00026	ND		0.0025	0.00022
p-Ethyltoluene	622-96-8		ND		0.0026	0.0005	ND		0.0028	0.00053	ND		0.0023	0.00044					ND		0.0029	0.00055	ND		0.0025	0.00049
1,2,4,5-Tetramethylbenzene	95-93-2		ND		0.0026	0.00025	ND		0.0028	0.00026	ND		0.0023	0.00022					ND		0.0029	0.00028	ND		0.0025	0.00024
Ethyl ether	60-29-7		ND		0.0026	0.00045	ND		0.0028	0.00047	ND		0.0023	0.00039					ND		0.0029	0.00049	ND		0.0025	0.00043
trans-1,4-Dichloro-2-butene	110-57-6		ND		0.0066	0.0019	ND		0.0069	0.002	ND		0.0057	0.0016					ND		0.0072	0.002	ND		0.0063	0.0018
Total VOCs			0.00278	-	-	-	0.00306	-	-	-	-	-	-	-					0.00298	-	-	-	-	-	-	-
TOTAL METALS																										
Aluminum, Total	7429-90-5		3270		8.09	2.18	3930		8.74	2.36	4800		8.12	2.19					4790		8.07	2.18	7000		8.8	2.38
Antimony, Total	7440-36-0		ND		4.04	0.307	ND		4.37	0.332	ND		4.06	0.309					ND		4.04	0.307	ND		4.4	0.334
Arsenic, Total	7440-38-2	13	0.364	J	0.809	0.168	0.533	J	0.874	0.182	2.14		0.812	0.169					0.533	J	0.807	0.168	0.625	J	0.88	0.183
Barium, Total	7440-39-3	350	22.5		0.809	0.141	27.9		0.874	0.152	58.7		0.812	0.141					34.5		0.807	0.14	35.6		0.88	0.153
Beryllium, Total	7440-41-7	7.2	0.057	J	0.404	0.027	0.061	J	0.437	0.029	0.122	J	0.406	0.027					0.081	J	0.404	0.027	0.185	J	0.44	0.029
Cadmium, Total	7440-43-9	2.5	0.162	J	0.809	0.079	0.184	J	0.874	0.086	ND		0.812	0.08					0.194	J	0.807	0.079	ND		0.88	0.086
Calcium, Total	7440-70-2		578		8.09	2.83	5150		8.74	3.06	7200		8.12	2.84					628		8.07	2.83	1850		8.8	3.08
Chromium, Total	7440-47-3		6.27		0.809	0.078	6.99		0.874	0.084	9.09		0.812	0.078					7.15		0.807	0.078	14.1		0.88	0.085
Cobalt, Total	7440-48-4		3.82		1.62	0.134	4.08		1.75	0.145	4.71		1.62	0.135					4.48		1.61	0.134	6.35		1.76	0.146
Copper, Total	7440-50-8	50	6.8		0.809	0.209	7.07		0.874	0.226	48.1		0.812	0.21					7.22		0.807	0.208	12		0.88	0.227
Iron, Total	7439-89-6		6260		4.04	0.731	7320		4.37	0.789	13100		4.06	0.733					8600		4.04	0.729	12100		4.4	0.795
Lead, Total	7439-92-1	63	1.81	J	4.04	0.217	2.03	J	4.37	0.234	55.4		4.06	0.218					2.74	J	4.04	0.216	2.76	J	4.4	0.236
Magnesium, Total	7439-95-4		1850		8.09	1.25	5110		8.74	1.35	3900		8.12	1.25					2540		8.07	1.24	4500		8.8	1.36
Manganese, Total	7439-96-5	1600	99.9		0.809	0.129	123		0.874	0.139	162		0.812	0.129					119		0.807	0.128	217		0.88	0.14
Mercury, Total	7439-97-6	0.18	ND		0.066	0.043	ND		0.071	0.046	0.069	J	0.074	0.048					ND		0.065	0.043	ND		0.082	0.053
Nickel, Total	7440-02-0	30	5.6		2.02	0.196	6.27		2.18	0.212	7.06		2.03	0.196					7.1		2.02	0.195	8.94		2.2	0.213
Potassium, Total	7440-09-7		1050		202	11.6	1020		218	12.6	906		203	11.7					1470		202	11.6	1210		220	12.7
Selenium, Total	7782-49-2	3.9	ND		1.62	0.209	ND		1.75	0.226	0.244	J	1.62	0.21					ND		1.61	0.208	0.264	J	1.76	0.227
Silver, Total	7440-22-4	2	ND		0.807	0.228	ND		0.85	0.241	ND		0.812	0.23					ND		0.796	0.225	ND		0.88	0.249
Sodium, Total	7440-23-5		99.1	J	161	2.54	462		170	2.68	56.9	J	162	2.56					68	J	159	2.51	36.2	J	176	2.77

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-63 (8-8.5')				RA-63A (6-6.5')				RA-64 (8-8.5')				RA-64 (15-15.5)				RA-65 (15-15.5')				RA-65A (11-11.5)			
		LAB ID:	L2210130-03				L2210130-04				L2209850-05				CK96328				L2210130-01				L2209850-09			
		COLLECTION DATE:	2/24/2022				2/24/2022				2/23/2022				3/28/2022				2/24/2022				2/24/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																								
		(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																										
Thallium, Total	7440-28-0		ND		1.62	0.255	ND		1.75	0.275	ND		1.62	0.256					ND		1.61	0.254	ND		1.76	0.277
Vanadium, Total	7440-62-2		6.85		0.809	0.164	8.43		0.874	0.177	10.5		0.812	0.165					8.58		0.807	0.164	16		0.88	0.179
Zinc, Total	7440-66-6	109	16.8		4.04	0.237	20.4		4.37	0.256	72.1		4.06	0.238					21.2		4.04	0.236	26.9		4.4	0.258
GENERAL CHEMISTRY																										
Solids, Total	NONE		94.7		0.1	NA	90.3		0.1	NA	93.2		0.1	NA					96		0.1	NA	85.6		0.1	NA
Cyanide, Total	57-12-5	27	ND		1	0.22	ND		1.1	0.23	ND		1	0.22					ND		0.95	0.2	ND		1.1	0.24

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	2021348-03				2021348-04				2021349-05				CK96328								2021349-09			
		SAMPLE ID:	RA-63 (8-8.5')				RA-63A (6-6.5')				RA-64 (8-8.5')				RA-64 (15-15.5)				2021348-01				RA-65A (11-11.5')			
		COLLECTION DATE:	02/24/2022 11:40				02/24/2022 11:45				02/23/2022 16:25				3/28/2022				RA-65 (15-15.5')				02/24/2022 09:00			
		SAMPLE MATRIX:	Soil				Soil				Soil				SOIL				02/24/2022 11:30				Soil			
		NY-UNRES																	Soil							
		(mg/kg)																								
Compound	**CAS#**																									
General Chemistry (%)			Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	ualifier		ZERO					Result	Qualifier		ZERO	Result	Qualifier		ZERO
Percent Solids	PERSOL		**79**				**88.3**				**88.7**								**83.6**				**87.6**			
PCBs (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	ualifi	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
Aroclor-1016	12674-11-2		0.0056	U	0.0056	0.0418	0.00502	U	0.00502	0.0374	0.00499	U	0.00499	0.0372					0.00529	U	0.00529	0.0395	0.00505	U	0.00505	0.0377
Aroclor-1221	11104-28-2		0.011	U	0.011	0.0418	0.00986	U	0.00986	0.0374	0.00981	U	0.00981	0.0372					0.0104	U	0.0104	0.0395	0.00994	U	0.00994	0.0377
Aroclor-1232	11141-16-5		0.014	U	0.014	0.0418	0.0125	U	0.0125	0.0374	0.0125	U	0.0125	0.0372					0.0132	U	0.0132	0.0395	0.0126	U	0.0126	0.0377
Aroclor-1242	53469-21-9		0.00821	U	0.00821	0.0418	0.00735	U	0.00735	0.0374	0.00731	U	0.00731	0.0372					0.00775	U	0.00775	0.0395	0.00741	U	0.00741	0.0377
Aroclor-1248	12672-29-6		0.00858	U	0.00858	0.0418	0.00769	U	0.00769	0.0374	**1.5**		0.00764	0.0372	< 70	U	70	70	0.00811	U	0.00811	0.0395	0.00775	U	0.00775	0.0377
Aroclor-1254	11097-69-1		0.00674	U	0.00674	0.0418	0.00603	U	0.00603	0.0374	**0.923**		0.00347	0.0372	< 70	U	70	70	0.00637	U	0.00637	0.0395	0.00608	U	0.00608	0.0377
Aroclor-1260	11096-82-5		0.00523	U	0.00523	0.0418	0.00468	U	0.00468	0.0374	0.00466	U	0.00466	0.0372					0.00494	U	0.00494	0.0395	0.00472	U	0.00472	0.0377
Aroclor-1262	37324-23-5		0.0112	U	0.0112	0.0418	0.0101	U	0.0101	0.0374	0.01	U	0.01	0.0372	< 70	U	70	70	0.0106	U	0.0106	0.0395	0.0101	U	0.0101	0.0377
Aroclor-1268	11100-14-4		0.00505	U	0.00505	0.0418	0.00452	U	0.00452	0.0374	0.0045	U	0.0045	0.0372	< 70	U	70	70	0.00477	U	0.00477	0.0395	0.00456	U	0.00456	0.0377
Total PCBs	1336-36-3	0.1	0.0039	U	0.0039	0.0418	0.00349	U	0.00349	0.0374	**2.42**		0.00347	0.0372	< 70	U	70	70	0.00368	U	0.00368	0.0395	0.00352	U	0.00352	0.0377
Pesticides (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	ualifi	MDL	RL					Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	72-54-8	0.0033	0.000753	U	0.000753	0.00165	0.000674	U	0.000674	0.00147	0.00067	U	0.00067	0.00146					0.000711	U	0.000711	0.00155	**0.000997**	J	0.000679	0.00148
4,4'-DDE	72-55-9	0.0033	0.0009	U	0.0009	0.00165	0.000806	U	0.000806	0.00147	0.000801	U	0.000801	0.00146					0.00085	U	0.00085	0.00155	0.000812	U	0.000812	0.00148
4,4'-DDT	50-29-3	0.0033	0.00116	U	0.00116	0.00165	0.00104	U	0.00104	0.00147	0.00103	U	0.00103	0.00146					0.0011	U	0.0011	0.00155	**0.00291**		0.00105	0.00148
Aldrin	309-00-2	0.005	0.00078	U	0.00078	0.00165	0.000698	U	0.000698	0.00147	0.000694	U	0.000694	0.00146					0.000736	U	0.000736	0.00155	0.000703	U	0.000703	0.00148
alpha-BHC	319-84-6	0.02	0.00049	U	0.00049	0.00165	0.000439	U	0.000439	0.00147	0.000436	U	0.000436	0.00146					0.000463	U	0.000463	0.00155	0.000442	U	0.000442	0.00148
alpha-Chlordane (cis)	5103-71-9		0.00105	U	0.00105	0.00165	0.000939	U	0.000939	0.00147	0.000934	U	0.000934	0.00146					0.000991	U	0.000991	0.00155	0.000947	U	0.000947	0.00148
beta-BHC	319-85-7	0.036	0.000786	U	0.000786	0.00165	0.000704	U	0.000704	0.00147	0.0007	U	0.0007	0.00146					0.000742	U	0.000742	0.00155	0.000709	U	0.000709	0.00148
Chlordane	57-74-9		0.000731	U	0.000731	0.00165	0.000655	U	0.000655	0.00147	0.000651	U	0.000651	0.00146					0.000691	U	0.000691	0.00155	0.00066	U	0.00066	0.00148
delta-BHC	319-86-8	0.04	0.000764	U	0.000764	0.00165	0.000684	U	0.000684	0.00147	0.000681	U	0.000681	0.00146					0.000722	U	0.000722	0.00155	0.00069	U	0.00069	0.00148
Dieldrin	60-57-1	0.005	0.00086	U	0.00086	0.00165	0.000771	U	0.000771	0.00147	0.000766	U	0.000766	0.00146					0.000813	U	0.000813	0.00155	0.000776	U	0.000776	0.00148
Endosulfan I	959-98-8	2.4	0.000777	U	0.000777	0.00165	0.000696	U	0.000696	0.00147	0.000692	U	0.000692	0.00146					0.000734	U	0.000734	0.00155	0.000701	U	0.000701	0.00148
Endosulfan II	33213-65-9	2.4	0.000748	U	0.000748	0.00165	0.00067	U	0.00067	0.00147	0.000666	U	0.000666	0.00146					0.000707	U	0.000707	0.00155	0.000675	U	0.000675	0.00148
Endosulfan sulfate	1031-07-8	2.4	0.000619	U	0.000619	0.00165	0.000554	U	0.000554	0.00147	0.000551	U	0.000551	0.00146					0.000585	U	0.000585	0.00155	0.000558	U	0.000558	0.00148
Endosulfans, Total (alpha and beta)	115-29-7		0.000748	U	0.000748	0.00165	0.00067	U	0.00067	0.00147	0.000666	U	0.000666	0.00146					0.000707	U	0.000707	0.00155	0.000675	U	0.000675	0.00148
Endrin	72-20-8	0.014	0.000568	U	0.000568	0.00165	0.000509	U	0.000509	0.00147	0.000506	U	0.000506	0.00146					0.000537	U	0.000537	0.00155	0.000513	U	0.000513	0.00148
Endrin aldehyde	7421-93-4		0.000655	U	0.000655	0.00165	0.000587	U	0.000587	0.00147	0.000584	U	0.000584	0.00146					0.000619	U	0.000619	0.00155	0.000591	U	0.000591	0.00148
Endrin ketone	53494-70-5		0.00058	U	0.00058	0.00165	0.000519	U	0.000519	0.00147	0.000516	U	0.000516	0.00146					0.000548	U	0.000548	0.00155	0.000523	U	0.000523	0.00148
gamma-BHC (Lindane)	58-89-9	0.1	0.000521	U	0.000521	0.00165	0.000467	U	0.000467	0.00147	0.000464	U	0.000464	0.00146					0.000493	U	0.000493	0.00155	0.00047	U	0.00047	0.00148
gamma-Chlordane	5566-34-7		0.000731	U	0.000731	0.00165	0.000655	U	0.000655	0.00147	0.000651	U	0.000651	0.00146					0.000691	U	0.000691	0.00155	0.00066	U	0.00066	0.00148
Heptachlor	76-44-8	0.042	0.00044	U	0.00044	0.00165	0.000394	U	0.000394	0.00147	0.000392	U	0.000392	0.00146					0.000416	U	0.000416	0.00155	0.000397	U	0.000397	0.00148
Heptachlor Epoxide	1024-57-3		0.00083	U	0.00083	0.00165	0.000743	U	0.000743	0.00147	0.000739	U	0.000739	0.00146					0.000784	U	0.000784	0.00155	0.000749	U	0.000749	0.00148
Methoxychlor	72-43-5		0.000482	U	0.000482	0.00165	0.000432	U	0.000432	0.00147	0.000429	U	0.000429	0.00146					0.000456	U	0.000456	0.00155	0.000435	U	0.000435	0.00148
Toxaphene	8001-35-2		0.0793	U	0.0793	0.0835	0.071	U	0.071	0.0748	0.0706	U	0.0706	0.0744					0.0749	U	0.0749	0.0789	0.0715	U	0.0715	0.0754
Semivolatile Organics - GC/MS (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	ualifi	MDL	RL					Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
1,2,4,5-Tetrachlorobenzene	95-94-3		0.0256	U	0.0256	0.168	0.0229	U	0.0229	0.151	0.0228	U	0.0228	0.15					0.0242	U	0.0242	0.159	0.0231	U	0.0231	0.152
1,2,4-Trichlorobenzene	120-82-1		0.0173	U	0.0173	0.168	0.0155	U	0.0155	0.151	0.0154	U	0.0154	0.15					0.0164	U	0.0164	0.159	0.0156	U	0.0156	0.152
1,2-Dichlorobenzene	95-50-1	1.1	0.0315	U	0.0315	0.168	0.0282	U	0.0282	0.151	0.0281	U	0.0281	0.15					0.0298	U	0.0298	0.159	0.0284	U	0.0284	0.152
1,3-Dichlorobenzene	541-73-1	2.4	0.0218	U	0.0218	0.168	0.0195	U	0.0195	0.151	0.0194	U	0.0194	0.15					0.0206	U	0.0206	0.159	0.0196	U	0.0196	0.152
1,4-Dichlorobenzene	106-46-7	1.8	0.0214	U	0.0214	0.168	0.0191	U	0.0191	0.151	0.019	U	0.019	0.15					0.0202	U	0.0202	0.159	0.0193	U	0.0193	0.152
1,4-Dioxane	123-91-1	0.1	0.00476	U	0.00476	0.0421	0.00426	U	0.00426	0.0377	0.00424	U	0.00424	0.0375					0.0045	U	0.0045	0.0398	0.00429	U	0.00429	0.038
2,4,5-Trichlorophenol	95-95-4		0.0229	U	0.0229	0.168	0.0205	U	0.0205	0.151	0.0204	U	0.0204	0.15					0.0216	U	0.0216	0.159	0.0207	U	0.0207	0.152
2,4,6-Trichlorophenol	88-06-2		0.0105	U	0.0105	0.168	0.00944	U	0.00944	0.151	0.00939	U	0.00939	0.15					0.00996	U	0.00996	0.159	0.00951	U	0.00951	0.152
2,4-Dichlorophenol	120-83-2		0.017	U	0.017	0.168	0.0152	U	0.0152	0.151	0.0151	U	0.0151	0.15					0.016	U	0.016	0.159	0.0153	U	0.0153	0.152
2,4-Dimethylphenol	105-67-9		0.0166	U	0.0166	0.168	0.0148	U	0.0148	0.151	0.0148	U	0.0148	0.15					0.0157	U	0.0157	0.159	0.015	U	0.015	0.152
2,4-Dinitrophenol	51-28-5		0.0243	U	0.0243	0.844	0.0218	U	0.0218	0.756	0.0216	U	0.0216	0.752					0.023	U	0.023	0.797	0.0219	U	0.0219	0.762
2,4-Dinitrotoluene	121-14-2		0.018	U	0.018	0.168	0.0161	U	0.0161	0.151	0.016	U	0.016	0.15					0.017	U	0.017	0.159	0.0162	U	0.0162	0.152
2,6-Dinitrotoluene	606-20-2		0.0402	U	0.0402	0.168	0.036	U	0.036	0.151	0.0358	U	0.0358	0.15					0.038	U	0.038	0.159	0.0363	U	0.0363	0.152
2-Chloronaphthalene	91-58-7		0.0194	U	0.0194	0.168	0.0173	U	0.0173	0.151	0.0172	U	0.0172	0.15					0.0183	U	0.0183	0.159	0.0175	U	0.0175	0.152
2-Chlorophenol	95-57-8		0.0223	U	0.0223	0.168	0.0199	U	0.0199	0.151	0.0198	U	0.0198	0.15					0.021	U	0.021	0.159	0.0201	U	0.0201	0.152
2-Methylnaphthalene	91-57-6		0.0404	U	0.0404	0.253	0.0361	U	0.0361	0.227	0.0359	U	0.0359	0.225					0.0381	U	0.0381	0.239	0.0364	U	0.0364	0.228
2-Methylphenol	95-48-7	0.33	0.0333	U	0.0333	0.168	0.0298	U	0.0298	0.151	0.0296	U	0.0296	0.15					0.0314	U	0.0314	0.159	0.03	U	0.03	0.152
2-Nitroaniline	88-74-4		0.0135	U	0.0135	0.168	0.0121	U	0.0121	0.151	0.0121	U	0.0121	0.15					0.0128	U	0.0128	0.159	0.0122	U	0.0122	0.152
2-Nitrophenol	88-75-5		0.0187	U	0.0187	0.168	0.0168	U	0.0168	0.151	0.0167	U	0.0167	0.15					0.0177	U	0.0177	0.159	0.0169	U	0.0169	0.152
3,3'-Dichlorobenzidine	91-94-1		0.0177	U	0.0177	0.168	0.0159	U	0.0159	0.151	0.0158	U	0.0158	0.15					0.0167	U	0.0167	0.159	0.016	U	0.016	0.152
3+4-Methylphenol	65794-96-9	0.33	0.0309	U	0.0309	0.168	0.0276	U	0.0276	0.151	0.0275	U	0.0275	0.15					0.0292	U	0.0292	0.159	0.0279	U	0.0279	0.152

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	2021348-03				2021348-04				2021349-05				CK96328								2021349-09			
		SAMPLE ID:	RA-63 (8-8.5')				RA-63A (6-6.5')				RA-64 (8-8.5')				RA-64 (15-15.5)				2021348-01				RA-65A (11-11.5')			
		COLLECTION DATE:	02/24/2022 11:40				02/24/2022 11:45				02/23/2022 16:25				3/28/2022				RA-65 (15-15.5')				02/24/2022 09:00			
		SAMPLE MATRIX:	Soil				Soil				Soil				SOIL				02/24/2022 11:30				Soil			
		NY-UNRES																	Soil							
Semivolatile Organics - GC/MS (mg/kg)																										
3-Nitroaniline	99-09-2		0.0313	U	0.0313	0.168	0.028	U	0.028	0.151	0.0278	U	0.0278	0.15					0.0295	U	0.0295	0.159	0.0282	U	0.0282	0.152
4,6-Dinitro-2-methylphenol	534-52-1		0.0318	U	0.0318	0.421	0.0284	U	0.0284	0.377	0.0283	U	0.0283	0.375					0.03	U	0.03	0.398	0.0287	U	0.0287	0.38
4-Bromophenyl-phenyl ether	101-55-3		0.024	U	0.024	0.168	0.0215	U	0.0215	0.151	0.0214	U	0.0214	0.15					0.0227	U	0.0227	0.159	0.0217	U	0.0217	0.152
4-Chloro-3-methylphenol	59-50-7		0.0266	U	0.0266	0.168	0.0238	U	0.0238	0.151	0.0237	U	0.0237	0.15					0.0251	U	0.0251	0.159	0.024	U	0.024	0.152
4-Chloroaniline	106-47-8		0.0059	U	0.0059	0.168	0.00528	U	0.00528	0.151	0.00525	U	0.00525	0.15					0.00557	U	0.00557	0.159	0.00532	U	0.00532	0.152
4-Chlorophenyl phenyl ether	7005-72-3		0.0091	U	0.0091	0.168	0.00815	U	0.00815	0.151	0.0081	U	0.0081	0.15					0.0086	U	0.0086	0.159	0.00821	U	0.00821	0.152
4-Nitroaniline	100-01-6		0.0843	U	0.0843	0.168	0.0755	U	0.0755	0.151	0.075	U	0.075	0.15					0.0796	U	0.0796	0.159	0.076	U	0.076	0.152
4-Nitrophenol	100-02-7		0.0108	U	0.0108	0.168	0.00965	U	0.00965	0.151	0.0096	U	0.0096	0.15					0.0102	U	0.0102	0.159	0.00973	U	0.00973	0.152
Acenaphthene	83-32-9	20	0.0096	U	0.0096	0.168	0.0086	U	0.0086	0.151	**0.0524**	J	0.00855	0.15					0.00907	U	0.00907	0.159	0.00867	U	0.00867	0.152
Acenaphthylene	208-96-8	100	0.00586	U	0.00586	0.168	0.00525	U	0.00525	0.151	**0.0963**	J	0.00522	0.15					0.00554	U	0.00554	0.159	0.00529	U	0.00529	0.152
Acetophenone	98-86-2		0.0167	U	0.0167	0.168	0.015	U	0.015	0.151	0.0149	U	0.0149	0.15					0.0158	U	0.0158	0.159	0.0151	U	0.0151	0.152
Anthracene	120-12-7	100	0.0244	U	0.0244	0.168	0.0219	U	0.0219	0.151	**0.327**		0.0217	0.15					0.0231	U	0.0231	0.159	0.022	U	0.022	0.152
Benzo(a)anthracene	56-55-3	1	0.017	U	0.017	0.168	0.0152	U	0.0152	0.151	**1.78**		0.0151	0.15	0.24	U	0.12	0.24	0.016	U	0.016	0.159	0.0153	U	0.0153	0.152
Benzo(a)pyrene	50-32-8	1	0.0294	U	0.0294	0.168	0.0263	U	0.0263	0.151	**1.81**		0.0261	0.15	0.24	U	0.12	0.24	0.0277	U	0.0277	0.159	0.0265	U	0.0265	0.152
Benzo(b)fluoranthene	205-99-2	1	0.0237	U	0.0237	0.168	0.0212	U	0.0212	0.151	**2.37**		0.0211	0.15	0.24	U	0.12	0.24	0.0224	U	0.0224	0.159	0.0214	U	0.0214	0.152
Benzo(g,h,i)perylene	191-24-2	100	0.0137	U	0.0137	0.168	0.0122	U	0.0122	0.151	**1.24**		0.0122	0.15					0.0129	U	0.0129	0.159	0.0123	U	0.0123	0.152
Benzo(k)fluoranthene	207-08-9	0.8	0.0194	U	0.0194	0.168	0.0173	U	0.0173	0.151	**0.854**		0.0172	0.15	0.24	U	0.12	0.24	0.0183	U	0.0183	0.159	0.0175	U	0.0175	0.152
Benzoic acid	65-85-0		0.195	U	0.195	0.421	0.175	U	0.175	0.377	0.174	U	0.174	0.375					0.184	U	0.184	0.398	0.176	U	0.176	0.38
Benzyl alcohol	100-51-6		0.0377	U	0.0377	0.168	0.0338	U	0.0338	0.151	0.0336	U	0.0336	0.15					0.0356	U	0.0356	0.159	0.034	U	0.034	0.152
Biphenyl	92-52-4		0.0148	U	0.0148	0.168	0.0133	U	0.0133	0.151	0.0132	U	0.0132	0.15					0.014	U	0.014	0.159	0.0134	U	0.0134	0.152
bis(2-chloroethoxy)methane	111-91-1		0.0233	U	0.0233	0.168	0.0208	U	0.0208	0.151	0.0207	U	0.0207	0.15					0.022	U	0.022	0.159	0.021	U	0.021	0.152
bis(2-chloroethyl)ether	111-44-4		0.0185	U	0.0185	0.168	0.0165	U	0.0165	0.151	0.0165	U	0.0165	0.15					0.0175	U	0.0175	0.159	0.0167	U	0.0167	0.152
bis(2-chloroisopropyl)ether	108-60-1		0.0606	U	0.0606	0.168	0.0543	U	0.0543	0.151	0.054	U	0.054	0.15					0.0573	U	0.0573	0.159	0.0547	U	0.0547	0.152
bis(2-ethylhexyl)phthalate	117-81-7		0.0337	U	0.0337	0.168	0.0301	U	0.0301	0.151	**0.0527**	J	0.03	0.15					0.0318	U	0.0318	0.159	0.0304	U	0.0304	0.152
Butylbenzylphthalate	85-68-7		0.0153	U	0.0153	0.168	0.0137	U	0.0137	0.151	0.0136	U	0.0136	0.15					0.0145	U	0.0145	0.159	0.0138	U	0.0138	0.152
Carbazole	86-74-8		0.0324	U	0.0324	0.421	0.029	U	0.029	0.377	**0.0883**	J	0.0288	0.375					0.0306	U	0.0306	0.398	0.0292	U	0.0292	0.38
Chrysene	218-01-9	1	0.0115	U	0.0115	0.168	0.0103	U	0.0103	0.151	**1.62**		0.0103	0.15	0.24	U	0.12	0.24	0.0109	U	0.0109	0.159	0.0104	U	0.0104	0.152
Dibenzo(a,h)anthracene	53-70-3	0.33	0.0167	U	0.0167	0.168	0.015	U	0.015	0.151	**0.288**		0.0149	0.15					0.0158	U	0.0158	0.159	0.0151	U	0.0151	0.152
Dibenzofuran	132-64-9	7	0.01	U	0.01	0.168	0.00899	U	0.00899	0.151	0.00894	U	0.00894	0.15					0.00948	U	0.00948	0.159	0.00906	U	0.00906	0.152
Diethylphthalate	84-66-2		0.0326	U	0.0326	0.168	0.0292	U	0.0292	0.151	0.0291	U	0.0291	0.15					0.0308	U	0.0308	0.159	0.0295	U	0.0295	0.152
Dimethylphthalate	131-11-3		0.0105	U	0.0105	0.168	0.00936	U	0.00936	0.151	0.00931	U	0.00931	0.15					0.00988	U	0.00988	0.159	0.00943	U	0.00943	0.152
Di-n-butylphthalate	84-74-2		0.0688	U	0.0688	0.168	0.0616	U	0.0616	0.151	0.0613	U	0.0613	0.15					0.065	U	0.065	0.159	0.0621	U	0.0621	0.152
Di-n-octylphthalate	117-84-0		0.0345	U	0.0345	0.168	0.0309	U	0.0309	0.151	0.0308	U	0.0308	0.15					0.0326	U	0.0326	0.159	0.0312	U	0.0312	0.152
Fluoranthene	206-44-0	100	0.0158	U	0.0158	0.168	0.0142	U	0.0142	0.151	**3.56**		0.0141	0.15					0.0149	U	0.0149	0.159	**0.0435**	J	0.0143	0.152
Fluorene	86-73-7	30	0.014	U	0.014	0.168	0.0126	U	0.0126	0.151	**0.0514**	J	0.0125	0.15					0.0133	U	0.0133	0.159	0.0127	U	0.0127	0.152
Hexachlorobenzene	118-74-1	0.33	0.022	U	0.022	0.168	0.0197	U	0.0197	0.151	0.0196	U	0.0196	0.15					0.0208	U	0.0208	0.159	0.0199	U	0.0199	0.152
Hexachlorobutadiene	87-68-3		0.0809	U	0.0809	0.168	0.0724	U	0.0724	0.151	0.072	U	0.072	0.15					0.0764	U	0.0764	0.159	0.073	U	0.073	0.152
Hexachlorocyclopentadiene	77-47-4		0.0702	U	0.0702	0.421	0.0629	U	0.0629	0.377	0.0625	U	0.0625	0.375					0.0664	U	0.0664	0.398	0.0634	U	0.0634	0.38
Hexachloroethane	67-72-1		0.0185	U	0.0185	0.168	0.0165	U	0.0165	0.151	0.0165	U	0.0165	0.15					0.0175	U	0.0175	0.159	0.0167	U	0.0167	0.152
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.0181	U	0.0181	0.168	0.0162	U	0.0162	0.151	**1.07**		0.0161	0.15	0.24	U	0.12	0.24	0.0171	U	0.0171	0.159	0.0163	U	0.0163	0.152
Isophorone	78-59-1		0.011	U	0.011	0.168	0.00988	U	0.00988	0.151	0.00983	U	0.00983	0.15					0.0104	U	0.0104	0.159	0.00996	U	0.00996	0.152
Naphthalene	91-20-3	12	0.0125	U	0.0125	0.168	0.0112	U	0.0112	0.151	0.0111	U	0.0111	0.15					0.0118	U	0.0118	0.159	0.0113	U	0.0113	0.152
Nitrobenzene	98-95-3		0.0286	U	0.0286	0.168	0.0256	U	0.0256	0.151	0.0255	U	0.0255	0.15					0.027	U	0.027	0.159	0.0258	U	0.0258	0.152
n-Nitroso-di-n-propylamine	621-64-7		0.00902	U	0.00902	0.168	0.00808	U	0.00808	0.151	0.00803	U	0.00803	0.15					0.00852	U	0.00852	0.159	0.00814	U	0.00814	0.152
n-Nitrosodiphenylamine	86-30-6		0.0359	U	0.0359	0.168	0.0322	U	0.0322	0.151	0.032	U	0.032	0.15					0.034	U	0.034	0.159	0.0324	U	0.0324	0.152
Pentachlorophenol	87-86-5	0.8	0.0232	U	0.0232	0.421	0.0207	U	0.0207	0.377	0.0206	U	0.0206	0.375					0.0219	U	0.0219	0.398	0.0209	U	0.0209	0.38
Phenanthrene	85-01-8	100	0.0221	U	0.0221	0.168	0.0198	U	0.0198	0.151	**0.957**		0.0197	0.15					0.0209	U	0.0209	0.159	0.02	U	0.02	0.152
Phenol	108-95-2	0.33	0.0137	U	0.0137	0.168	0.0122	U	0.0122	0.151	0.0122	U	0.0122	0.15					0.0129	U	0.0129	0.159	0.0123	U	0.0123	0.152
Pyrene	129-00-0	100	0.0124	U	0.0124	0.168	0.0111	U	0.0111	0.151	**2.97**		0.011	0.15					0.0117	U	0.0117	0.159	**0.0341**	J	0.0112	0.152

Qualifiers:
U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-75 (8-8.5)				RA-76 (15-15.5')				RA-76 (16-16.5)				RA-76 (18.5-19)				RA-76AI (12-12.5)			
		LAB ID:	L2209850-04				L2210130-02				L2211334-01				CK96327				L2211334-02			
		COLLECTION DATE:	2/23/2022				2/24/2022				3/3/2022				3/28/2022				3/3/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																				
ANALYTE	CAS	(mg/kg)	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	ND		0.006	0.0027	ND		0.0064	0.0029									-		-	-
1,1-Dichloroethane	75-34-3	0.27	ND		0.0012	0.00017	ND		0.0013	0.00018									-		-	-
Chloroform	67-66-3	0.37	ND		0.0018	0.00017	ND		0.0019	0.00018									-		-	-
Carbon tetrachloride	56-23-5	0.76	ND		0.0012	0.00028	ND		0.0013	0.00029									-		-	-
1,2-Dichloropropane	78-87-5		ND		0.0012	0.00015	ND		0.0013	0.00016									-		-	-
Dibromochloromethane	124-48-1		ND		0.0012	0.00017	ND		0.0013	0.00018									-		-	-
1,1,2-Trichloroethane	79-00-5		ND		0.0012	0.00032	ND		0.0013	0.00034									-		-	-
Tetrachloroethene	127-18-4	1.3	ND		0.0006	0.00023	ND		0.00064	0.00025									-		-	-
Chlorobenzene	108-90-7	1.1	ND		0.0006	0.00015	ND		0.00064	0.00016									-		-	-
Trichlorofluoromethane	75-69-4		ND		0.0048	0.00083	ND		0.0051	0.00089									-		-	-
1,2-Dichloroethane	107-06-2	0.02	ND		0.0012	0.00031	ND		0.0013	0.00033									-		-	-
1,1,1-Trichloroethane	71-55-6	0.68	ND		0.0006	0.0002	ND		0.00064	0.00021									-		-	-
Bromodichloromethane	75-27-4		ND		0.0006	0.00013	ND		0.00064	0.00014									-		-	-
trans-1,3-Dichloropropene	10061-02-6		ND		0.0012	0.00033	ND		0.0013	0.00035									-		-	-
cis-1,3-Dichloropropene	10061-01-5		ND		0.0006	0.00019	ND		0.00064	0.0002									-		-	-
1,3-Dichloropropene, Total	542-75-6		ND		0.0006	0.00019	ND		0.00064	0.0002									-		-	-
1,1-Dichloropropene	563-58-6		ND		0.0006	0.00019	ND		0.00064	0.0002									-		-	-
Bromoform	75-25-2		ND		0.0048	0.00029	ND		0.0051	0.00032									-		-	-
1,1,2,2-Tetrachloroethane	79-34-5		ND		0.0006	0.0002	ND		0.00064	0.00021									-		-	-
Benzene	71-43-2	0.06	ND		0.0006	0.0002	ND		0.00064	0.00021									-		-	-
Toluene	108-88-3	0.7	ND		0.0012	0.00065	0.002		0.0013	0.0007									-		-	-
Ethylbenzene	100-41-4	1	ND		0.0012	0.00017	ND		0.0013	0.00018									-		-	-
Chloromethane	74-87-3		ND		0.0048	0.0011	ND		0.0051	0.0012									-		-	-
Bromomethane	74-83-9		ND		0.0024	0.0007	ND		0.0026	0.00074									-		-	-
Vinyl chloride	75-01-4	0.02	ND		0.0012	0.0004	ND		0.0013	0.00043									-		-	-
Chloroethane	75-00-3		ND		0.0024	0.00054	ND		0.0026	0.00058									-		-	-
1,1-Dichloroethene	75-35-4	0.33	ND		0.0012	0.00028	ND		0.0013	0.0003									-		-	-
trans-1,2-Dichloroethene	156-60-5	0.19	ND		0.0018	0.00016	ND		0.0019	0.00018									-		-	-
Trichloroethene	79-01-6	0.47	ND		0.0006	0.00016	ND		0.00064	0.00018									-		-	-
1,2-Dichlorobenzene	95-50-1	1.1	ND		0.0024	0.00017	ND		0.0026	0.00018									-		-	-
1,3-Dichlorobenzene	541-73-1	2.4	ND		0.0024	0.00018	ND		0.0026	0.00019									-		-	-
1,4-Dichlorobenzene	106-46-7	1.8	ND		0.0024	0.0002	ND		0.0026	0.00022									-		-	-
Methyl tert butyl ether	1634-04-4	0.93	ND		0.0024	0.00024	ND		0.0026	0.00026									-		-	-
p/m-Xylene	179601-23-1		ND		0.0024	0.00067	ND		0.0026	0.00072									-		-	-
o-Xylene	95-47-6		ND		0.0012	0.00035	ND		0.0013	0.00037									-		-	-
Xylenes, Total	1330-20-7	0.26	ND		0.0012	0.00035	ND		0.0013	0.00037									-		-	-
cis-1,2-Dichloroethene	156-59-2	0.25	ND		0.0012	0.00021	ND		0.0013	0.00022									-		-	-
1,2-Dichloroethene, Total	540-59-0		ND		0.0012	0.00016	ND		0.0013	0.00018									-		-	-
Dibromomethane	74-95-3		ND		0.0024	0.00028	ND		0.0026	0.0003									-		-	-
Styrene	100-42-5		ND		0.0012	0.00023	0.00043	J	0.0013	0.00025									-		-	-
Dichlorodifluoromethane	75-71-8		ND		0.012	0.0011	ND		0.013	0.0012									-		-	-
Acetone	67-64-1	0.05	ND		0.012	0.0058	ND		0.013	0.0062									-		-	-
Carbon disulfide	75-15-0		ND		0.012	0.0054	ND		0.013	0.0058									-		-	-
2-Butanone	78-93-3	0.12	ND		0.012	0.0027	ND		0.013	0.0028									-		-	-
Vinyl acetate	108-05-4		ND		0.012	0.0026	ND		0.013	0.0028									-		-	-
4-Methyl-2-pentanone	108-10-1		ND		0.012	0.0015	ND		0.013	0.0016									-		-	-
1,2,3-Trichloropropane	96-18-4		ND		0.0024	0.00015	ND		0.0026	0.00016									-		-	-
2-Hexanone	591-78-6		ND		0.012	0.0014	ND		0.013	0.0015									-		-	-
Bromochloromethane	74-97-5		ND		0.0024	0.00024	ND		0.0026	0.00026									-		-	-
2,2-Dichloropropane	594-20-7		ND		0.0024	0.00024	ND		0.0026	0.00026									-		-	-

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	**RA-75 (8-8.5)**				**RA-76 (15-15.5')**				**RA-76 (16-16.5)**				**RA-76 (18.5-19)**				**RA-76AI (12-12.5)**			
		LAB ID:	**L2209850-04**				**L2210130-02**				**L2211334-01**				**CK96327**				**L2211334-02**			
		COLLECTION DATE:	**2/23/2022**				**2/24/2022**				**3/3/2022**				**3/28/2022**				**3/3/2022**			
		SAMPLE MATRIX:	**SOIL**				**SOIL**				**SOIL**				**SOIL**				**SOIL**			
		NY-UNRES																				
		(mg/kg)	**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																						
1,2-Dibromoethane	106-93-4		ND		0.0012	0.00033	ND		0.0013	0.00036									-		-	-
1,3-Dichloropropane	142-28-9		ND		0.0024	0.0002	ND		0.0026	0.00021									-		-	-
1,1,1,2-Tetrachloroethane	630-20-6		ND		0.0006	0.00016	ND		0.00064	0.00017									-		-	-
Bromobenzene	108-86-1		ND		0.0024	0.00017	ND		0.0026	0.00018									-		-	-
n-Butylbenzene	104-51-8	12	ND		0.0012	0.0002	ND		0.0013	0.00021									-		-	-
sec-Butylbenzene	135-98-8	11	ND		0.0012	0.00018	ND		0.0013	0.00019									-		-	-
tert-Butylbenzene	98-06-6	5.9	ND		0.0024	0.00014	ND		0.0026	0.00015									-		-	-
o-Chlorotoluene	95-49-8		ND		0.0024	0.00023	ND		0.0026	0.00024									-		-	-
p-Chlorotoluene	106-43-4		ND		0.0024	0.00013	ND		0.0026	0.00014									-		-	-
1,2-Dibromo-3-chloropropane	96-12-8		ND		0.0036	0.0012	ND		0.0038	0.0013									-		-	-
Hexachlorobutadiene	87-68-3		ND		0.0048	0.0002	ND		0.0051	0.00022									-		-	-
Isopropylbenzene	98-82-8		ND		0.0012	0.00013	ND		0.0013	0.00014									-		-	-
p-Isopropyltoluene	99-87-6		ND		0.0012	0.00013	ND		0.0013	0.00014									-		-	-
Naphthalene	91-20-3	12	ND		0.0048	0.00078	ND		0.0051	0.00083									-		-	-
Acrylonitrile	107-13-1		ND		0.0048	0.0014	ND		0.0051	0.0015									-		-	-
n-Propylbenzene	103-65-1	3.9	ND		0.0012	0.0002	ND		0.0013	0.00022									-		-	-
1,2,3-Trichlorobenzene	87-61-6		ND		0.0024	0.00039	ND		0.0026	0.00041									-		-	-
1,2,4-Trichlorobenzene	120-82-1		ND		0.0024	0.00033	ND		0.0026	0.00035									-		-	-
1,3,5-Trimethylbenzene	108-67-8	8.4	ND		0.0024	0.00023	ND		0.0026	0.00025									-		-	-
1,2,4-Trimethylbenzene	95-63-6	3.6	ND		0.0024	0.0004	ND		0.0026	0.00043									-		-	-
1,4-Dioxane	123-91-1	0.1	ND		0.096	0.042	ND		0.1	0.045									-		-	-
p-Diethylbenzene	105-05-5		ND		0.0024	0.00021	ND		0.0026	0.00023									-		-	-
p-Ethyltoluene	622-96-8		ND		0.0024	0.00046	ND		0.0026	0.00049									-		-	-
1,2,4,5-Tetramethylbenzene	95-93-2		ND		0.0024	0.00023	ND		0.0026	0.00024									-		-	-
Ethyl ether	60-29-7		ND		0.0024	0.00041	ND		0.0026	0.00044									-		-	-
trans-1,4-Dichloro-2-butene	110-57-6		ND		0.006	0.0017	ND		0.0064	0.0018									-		-	-
Total VOCs			-	-	-	-	0.00243	-	-	-									-	-	-	-
TOTAL METALS																						
Aluminum, Total	7429-90-5		4530		8.52	2.3	3140		7.88	2.13									-		-	-
Antimony, Total	7440-36-0		ND		4.26	0.324	ND		3.94	0.3									-		-	-
Arsenic, Total	7440-38-2	13	1.27		0.852	0.177	0.52	J	0.788	0.164									-		-	-
Barium, Total	7440-39-3	350	35.5		0.852	0.148	19.3		0.788	0.137									-		-	-
Beryllium, Total	7440-41-7	7.2	0.111	J	0.426	0.028	0.079	J	0.394	0.026									-		-	-
Cadmium, Total	7440-43-9	2.5	ND		0.852	0.084	0.449	J	0.788	0.077									-		-	-
Calcium, Total	7440-70-2		3780		8.52	2.98	1080		7.88	2.76									-		-	-
Chromium, Total	7440-47-3		8.66		0.852	0.082	6.1		0.788	0.076									-		-	-
Cobalt, Total	7440-48-4		5.12		1.7	0.141	3.6		1.58	0.131									-		-	-
Copper, Total	7440-50-8	50	18.3		0.852	0.22	32.1		0.788	0.203									-		-	-
Iron, Total	7439-89-6		10200		4.26	0.77	6270		3.94	0.712									-		-	-
Lead, Total	7439-92-1	63	27.9		4.26	0.228	2.09	J	3.94	0.211									-		-	-
Magnesium, Total	7439-95-4		2600		8.52	1.31	2220		7.88	1.21									-		-	-
Manganese, Total	7439-96-5	1600	148		0.852	0.136	102		0.788	0.125									-		-	-
Mercury, Total	7439-97-6	0.18	ND		0.072	0.047	ND		0.066	0.043									-		-	-
Nickel, Total	7440-02-0	30	6.64		2.13	0.206	5.53		1.97	0.191									-		-	-
Potassium, Total	7440-09-7		818		213	12.3	822		197	11.4									-		-	-
Selenium, Total	7782-49-2	3.9	0.222	J	1.7	0.22	ND		1.58	0.203									-		-	-
Silver, Total	7440-22-4	2	ND		0.852	0.241	ND		0.81	0.229									-		-	-
Sodium, Total	7440-23-5		91.9	J	170	2.68	65.8	J	162	2.55									-		-	-

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-75 (8-8.5)				RA-76 (15-15.5')				RA-76 (16-16.5)				RA-76 (18.5-19)				RA-76AI (12-12.5)			
		LAB ID:	L2209850-04				L2210130-02				L2211334-01				CK96327				L2211334-02			
		COLLECTION DATE:	2/23/2022				2/24/2022				3/3/2022				3/28/2022				3/3/2022			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																				
		(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																						
Thallium, Total	7440-28-0		ND		1.7	0.268	ND		1.58	0.248									-		-	-
Vanadium, Total	7440-62-2		10.8		0.852	0.173	6.63		0.788	0.16									-		-	-
Zinc, Total	7440-66-6	109	39.8		4.26	0.25	**187**		3.94	0.231	419		1.97	0.115	92.8		0.8	0.38	13.9		2.05	0.12
GENERAL CHEMISTRY																						
Solids, Total	NONE		95		0.1	NA	96.3		0.1	NA									97		0.1	NA
Cyanide, Total	57-12-5	27	ND		1	0.22	ND		1	0.22									-		-	-

Eight Walkup Drive, Westborough, MA 01581-1019
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Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	2021349-04																				
		SAMPLE ID:	RA-75 (8-8.5')				2021348-02												2030618-01				
		COLLECTION DATE:	02/23/2022 16:20				RA-76 (15-15.5')												RA-76AI (12-12.5)				
		SAMPLE MATRIX:	Soil				02/24/2022 11:35												03/03/2022 08:20				
		NY-UNRES					Soil												Soil				
		(mg/kg)																					
Compound	**CAS#**																						
General Chemistry (%)			Result	Qualifier		ZERO	Result	ualifier		ZERO													
Percent Solids	PERSOL		**78.7**				**79.3**												**97.0**				
PCBs (mg/kg)			Result	Qualifier	MDL	RL	Result	ualifi	MDL	RL													
Aroclor-1016	12674-11-2		0.00563	U	0.00563	0.0419	0.00558	U	0.00558	0.0416													
Aroclor-1221	11104-28-2		0.0111	U	0.0111	0.0419	0.011	U	0.011	0.0416													
Aroclor-1232	11141-16-5		0.0141	U	0.0141	0.0419	0.014	U	0.014	0.0416													
Aroclor-1242	53469-21-9		0.00824	U	0.00824	0.0419	0.00818	U	0.00818	0.0416													
Aroclor-1248	12672-29-6		0.00862	U	0.00862	0.0419	0.00855	U	0.00855	0.0416													
Aroclor-1254	11097-69-1		**0.104**		0.00392	0.0419	0.00672	U	0.00672	0.0416													
Aroclor-1260	11096-82-5		0.00525	U	0.00525	0.0419	0.00521	U	0.00521	0.0416													
Aroclor-1262	37324-23-5		0.0113	U	0.0113	0.0419	0.0112	U	0.0112	0.0416													
Aroclor-1268	11100-14-4		0.00507	U	0.00507	0.0419	0.00503	U	0.00503	0.0416													
Total PCBs	1336-36-3	0.1	**0.104**		0.00392	0.0419	0.00389	U	0.00389	0.0416													
Pesticides (mg/kg)			Result	Qualifier	MDL	RL	Result	ualifi	MDL	RL													
4,4'-DDD	72-54-8	0.0033	0.000756	U	0.000756	0.00165	**0.00129**	J	0.00075	0.00164									0.000614	U	0.000614	0.00134	
4,4'-DDE	72-55-9	0.0033	0.000904	U	0.000904	0.00165	0.000897	U	0.000897	0.00164									0.000733	U	0.000733	0.00134	
4,4'-DDT	50-29-3	0.0033	0.00117	U	0.00117	0.00165	0.00116	U	0.00116	0.00164									0.000947	U	0.000947	0.00134	
Aldrin	309-00-2	0.005	0.000783	U	0.000783	0.00165	0.000777	U	0.000777	0.00164													
alpha-BHC	319-84-6	0.02	0.000492	U	0.000492	0.00165	0.000488	U	0.000488	0.00164													
alpha-Chlordane (cis)	5103-71-9		0.00105	U	0.00105	0.00165	0.00105	U	0.00105	0.00164													
beta-BHC	319-85-7	0.036	0.000789	U	0.000789	0.00165	0.000783	U	0.000783	0.00164													
Chlordane	57-74-9		0.000735	U	0.000735	0.00165	0.000729	U	0.000729	0.00164													
delta-BHC	319-86-8	0.04	0.000768	U	0.000768	0.00165	0.000762	U	0.000762	0.00164													
Dieldrin	60-57-1	0.005	0.000864	U	0.000864	0.00165	0.000858	U	0.000858	0.00164													
Endosulfan I	959-98-8	2.4	0.000781	U	0.000781	0.00165	0.000774	U	0.000774	0.00164													
Endosulfan II	33213-65-9	2.4	0.000751	U	0.000751	0.00165	0.000745	U	0.000745	0.00164													
Endosulfan sulfate	1031-07-8	2.4	0.000622	U	0.000622	0.00165	0.000617	U	0.000617	0.00164													
Endosulfans, Total (alpha and beta)	115-29-7		0.000751	U	0.000751	0.00165	0.000745	U	0.000745	0.00164													
Endrin	72-20-8	0.014	0.000571	U	0.000571	0.00165	0.000566	U	0.000566	0.00164													
Endrin aldehyde	7421-93-4		0.000658	U	0.000658	0.00165	0.000653	U	0.000653	0.00164													
Endrin ketone	53494-70-5		0.000582	U	0.000582	0.00165	0.000578	U	0.000578	0.00164													
gamma-BHC (Lindane)	58-89-9	0.1	0.000524	U	0.000524	0.00165	0.00052	U	0.00052	0.00164													
gamma-Chlordane	5566-34-7		0.000735	U	0.000735	0.00165	0.000729	U	0.000729	0.00164													
Heptachlor	76-44-8	0.042	0.000442	U	0.000442	0.00165	0.000439	U	0.000439	0.00164													
Heptachlor Epoxide	1024-57-3		0.000834	U	0.000834	0.00165	0.000827	U	0.000827	0.00164													
Methoxychlor	72-43-5		0.000484	U	0.000484	0.00165	0.00048	U	0.00048	0.00164													
Toxaphene	8001-35-2		0.0796	U	0.0796	0.0839	0.079	U	0.079	0.0832													
Semivolatile Organics - GC/MS (mg/kg)			Result	Qualifier	MDL	RL	Result	ualifi	MDL	RL													
1,2,4,5-Tetrachlorobenzene	95-94-3		0.0257	U	0.0257	0.169	0.0255	U	0.0255	0.168													
1,2,4-Trichlorobenzene	120-82-1		0.0174	U	0.0174	0.169	0.0173	U	0.0173	0.168													
1,2-Dichlorobenzene	95-50-1	1.1	0.0317	U	0.0317	0.169	0.0314	U	0.0314	0.168													
1,3-Dichlorobenzene	541-73-1	2.4	0.0219	U	0.0219	0.169	0.0217	U	0.0217	0.168													
1,4-Dichlorobenzene	106-46-7	1.8	0.0215	U	0.0215	0.169	0.0213	U	0.0213	0.168													
1,4-Dioxane	123-91-1	0.1	0.00478	U	0.00478	0.0423	0.00474	U	0.00474	0.042													
2,4,5-Trichlorophenol	95-95-4		0.023	U	0.023	0.169	0.0228	U	0.0228	0.168													
2,4,6-Trichlorophenol	88-06-2		0.0106	U	0.0106	0.169	0.0105	U	0.0105	0.168													
2,4-Dichlorophenol	120-83-2		0.017	U	0.017	0.169	0.0169	U	0.0169	0.168													
2,4-Dimethylphenol	105-67-9		0.0167	U	0.0167	0.169	0.0165	U	0.0165	0.168													
2,4-Dinitrophenol	51-28-5		0.0244	U	0.0244	0.848	0.0242	U	0.0242	0.841													
2,4-Dinitrotoluene	121-14-2		0.0181	U	0.0181	0.169	0.0179	U	0.0179	0.168													
2,6-Dinitrotoluene	606-20-2		0.0404	U	0.0404	0.169	0.0401	U	0.0401	0.168													
2-Chloronaphthalene	91-58-7		0.0194	U	0.0194	0.169	0.0193	U	0.0193	0.168													
2-Chlorophenol	95-57-8		0.0224	U	0.0224	0.169	0.0222	U	0.0222	0.168													
2-Methylnaphthalene	91-57-6		0.0406	U	0.0406	0.254	0.0402	U	0.0402	0.252													
2-Methylphenol	95-48-7	0.33	0.0334	U	0.0334	0.169	0.0332	U	0.0332	0.168													
2-Nitroaniline	88-74-4		0.0136	U	0.0136	0.169	0.0135	U	0.0135	0.168													
2-Nitrophenol	88-75-5		0.0188	U	0.0188	0.169	0.0187	U	0.0187	0.168													
3,3'-Dichlorobenzidine	91-94-1		0.0178	U	0.0178	0.169	0.0177	U	0.0177	0.168													
3+4-Methylphenol	65794-96-9	0.33	0.031	U	0.031	0.169	0.0308	U	0.0308	0.168													

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	2021349-04				2021348-02												2030618-01			
		SAMPLE ID:	RA-75 (8-8.5')				RA-76 (15-15.5')												RA-76AI (12-12.5)			
		COLLECTION DATE:	02/23/2022 16:20				02/24/2022 11:35												03/03/2022 08:20			
		SAMPLE MATRIX:	Soil				Soil												Soil			
		NY-UNRES																				
Semivolatile Organics - GC/MS (mg/kg)																						
3-Nitroaniline	99-09-2		0.0314	U	0.0314	0.169	0.0311	U	0.0311	0.168												
4,6-Dinitro-2-methylphenol	534-52-1		0.0319	U	0.0319	0.423	0.0317	U	0.0317	0.42												
4-Bromophenyl-phenyl ether	101-55-3		0.0242	U	0.0242	0.169	0.024	U	0.024	0.168												
4-Chloro-3-methylphenol	59-50-7		0.0267	U	0.0267	0.169	0.0265	U	0.0265	0.168												
4-Chloroaniline	106-47-8		0.00592	U	0.00592	0.169	0.00588	U	0.00588	0.168												
4-Chlorophenyl phenyl ether	7005-72-3		0.00914	U	0.00914	0.169	0.00907	U	0.00907	0.168												
4-Nitroaniline	100-01-6		0.0847	U	0.0847	0.169	0.084	U	0.084	0.168												
4-Nitrophenol	100-02-7		0.0108	U	0.0108	0.169	0.0107	U	0.0107	0.168												
Acenaphthene	83-32-9	20	0.00965	U	0.00965	0.169	0.00957	U	0.00957	0.168												
Acenaphthylene	208-96-8	100	0.00589	U	0.00589	0.169	0.00584	U	0.00584	0.168												
Acetophenone	98-86-2		0.0168	U	0.0168	0.169	0.0166	U	0.0166	0.168												
Anthracene	120-12-7	100	**0.0469**	J	0.0245	0.169	0.0243	U	0.0243	0.168												
Benzo(a)anthracene	56-55-3	1	**0.214**		0.017	0.169	0.0169	U	0.0169	0.168												
Benzo(a)pyrene	50-32-8	1	**0.235**		0.0295	0.169	0.0293	U	0.0293	0.168												
Benzo(b)fluoranthene	205-99-2	1	**0.296**		0.0238	0.169	0.0236	U	0.0236	0.168												
Benzo(g,h,i)perylene	191-24-2	100	**0.191**		0.0137	0.169	0.0136	U	0.0136	0.168												
Benzo(k)fluoranthene	207-08-9	0.8	**0.138**	J	0.0194	0.169	0.0193	U	0.0193	0.168												
Benzoic acid	65-85-0		0.196	U	0.196	0.423	0.195	U	0.195	0.42												
Benzyl alcohol	100-51-6		0.0379	U	0.0379	0.169	0.0376	U	0.0376	0.168												
Biphenyl	92-52-4		0.0149	U	0.0149	0.169	0.0148	U	0.0148	0.168												
bis(2-chloroethoxy)methane	111-91-1		0.0234	U	0.0234	0.169	0.0232	U	0.0232	0.168												
bis(2-chloroethyl)ether	111-44-4		0.0186	U	0.0186	0.169	0.0184	U	0.0184	0.168												
bis(2-chloroisopropyl)ether	108-60-1		0.0609	U	0.0609	0.169	0.0604	U	0.0604	0.168												
bis(2-ethylhexyl)phthalate	117-81-7		0.0338	U	0.0338	0.169	0.0335	U	0.0335	0.168												
Butylbenzylphthalate	85-68-7		0.0154	U	0.0154	0.169	0.0153	U	0.0153	0.168												
Carbazole	86-74-8		0.0325	U	0.0325	0.423	0.0323	U	0.0323	0.42												
Chrysene	218-01-9	1	**0.237**		0.0116	0.169	0.0115	U	0.0115	0.168												
Dibenzo(a,h)anthracene	53-70-3	0.33	**0.0400**	J	0.0168	0.169	0.0166	U	0.0166	0.168												
Dibenzofuran	132-64-9	7	0.0101	U	0.0101	0.169	0.01	U	0.01	0.168												
Diethylphthalate	84-66-2		0.0328	U	0.0328	0.169	0.0325	U	0.0325	0.168												
Dimethylphthalate	131-11-3		0.0105	U	0.0105	0.169	0.0104	U	0.0104	0.168												
Di-n-butylphthalate	84-74-2		0.0692	U	0.0692	0.169	0.0686	U	0.0686	0.168												
Di-n-octylphthalate	117-84-0		0.0347	U	0.0347	0.169	0.0344	U	0.0344	0.168												
Fluoranthene	206-44-0	100	**0.486**		0.0159	0.169	0.0158	U	0.0158	0.168												
Fluorene	86-73-7	30	0.0141	U	0.0141	0.169	0.014	U	0.014	0.168												
Hexachlorobenzene	118-74-1	0.33	0.0221	U	0.0221	0.169	0.0219	U	0.0219	0.168												
Hexachlorobutadiene	87-68-3		0.0812	U	0.0812	0.169	0.0806	U	0.0806	0.168												
Hexachlorocyclopentadiene	77-47-4		0.0706	U	0.0706	0.423	0.07	U	0.07	0.42												
Hexachloroethane	67-72-1		0.0186	U	0.0186	0.169	0.0184	U	0.0184	0.168												
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	**0.143**	J	0.0182	0.169	0.018	U	0.018	0.168												
Isophorone	78-59-1		0.0111	U	0.0111	0.169	0.011	U	0.011	0.168												
Naphthalene	91-20-3	12	0.0125	U	0.0125	0.169	0.0124	U	0.0124	0.168												
Nitrobenzene	98-95-3		0.0287	U	0.0287	0.169	0.0285	U	0.0285	0.168												
n-Nitroso-di-n-propylamine	621-64-7		0.00906	U	0.00906	0.169	0.00899	U	0.00899	0.168												
n-Nitrosodiphenylamine	86-30-6		0.0361	U	0.0361	0.169	0.0358	U	0.0358	0.168												
Pentachlorophenol	87-86-5	0.8	0.0233	U	0.0233	0.423	0.0231	U	0.0231	0.42												
Phenanthrene	85-01-8	100	**0.163**	J	0.0222	0.169	0.0221	U	0.0221	0.168												
Phenol	108-95-2	0.33	0.0137	U	0.0137	0.169	0.0136	U	0.0136	0.168												
Pyrene	129-00-0	100	**0.372**		0.0124	0.169	0.0123	U	0.0123	0.168												

Qualifiers:
U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

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Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-11 (5-5.5)		RA-11 (6-6.5)		RA-11 (7.5-8)		RA-11 (8.5-9)		RA-22 (5-5.5)		DUP-120220519 - RA-22 (		RA-23 (4-4.5)	
SAMPLING DATE				5/19/2022		5/19/2022		2070841-01		2070841-02		5/19/2022		5/19/2022		5/25/2022	
LAB SAMPLE ID				L2226807-21		L2226807-22		44760		44760		L2226807-09		L2226807-29		L2228130-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																	
Solids, Total	NONE		%	91		77.4						94		93.2		94.3	
Cyanide, Total	57-12-5	27	mg/kg	0.24	J	-	-					0.99	U	1	U	0.99	U
Organochlorine Pesticides by GC																	
Delta-BHC	319-86-8	0.04	mg/kg	0.00168	U	-	-					0.00161	U	0.00164	U	0.00164	U
Lindane	58-89-9	0.1	mg/kg	0.000699	U	-	-					0.000673	U	0.000684	U	0.000682	U
Alpha-BHC	319-84-6	0.02	mg/kg	0.000699	U	-	-					0.000673	U	0.000684	U	0.000682	U
Beta-BHC	319-85-7	0.036	mg/kg	0.00168	U	-	-					0.00161	U	0.00164	U	0.00164	U
Heptachlor	76-44-8	0.042	mg/kg	0.000839	U	-	-					0.000807	U	0.000821	U	0.000818	U
Aldrin	309-00-2	0.005	mg/kg	0.00168	U	-	-					0.00161	U	0.00164	U	0.00164	U
Heptachlor epoxide	1024-57-3		mg/kg	0.00315	U	-	-					0.00303	U	0.00308	U	0.00307	U
Endrin	72-20-8	0.014	mg/kg	0.000699	U	-	-					0.000673	U	0.000684	U	0.000682	U
Endrin aldehyde	7421-93-4		mg/kg	0.0021	U	-	-					0.00202	U	0.00205	U	0.00204	U
Endrin ketone	53494-70-5		mg/kg	0.00168	U	-	-					0.00161	U	0.00164	U	0.00164	U
Dieldrin	60-57-1	0.005	mg/kg	0.00105	U	-	-					0.00101	U	0.00102	U	0.00312	
4,4'-DDE	72-55-9	0.0033	mg/kg	0.0044		0.00272						0.000628	JP	0.00073	J	0.018	
4,4'-DDD	72-54-8	0.0033	mg/kg	0.00447		0.00186	J					0.00161	U	0.00164	U	0.00182	
4,4'-DDT	50-29-3	0.0033	mg/kg	0.0139		0.00554		0.00551		0.00925		0.00227	J	0.00154	JIP	0.0166	
Endosulfan I	959-98-8	2.4	mg/kg	0.00168	U	-	-					0.00161	U	0.00164	U	0.00164	U
Endosulfan II	33213-65-9	2.4	mg/kg	0.00168	U	-	-					0.00161	U	0.00164	U	0.00164	U
Endosulfan sulfate	1031-07-8	2.4	mg/kg	0.000699	U	-	-					0.000673	U	0.000684	U	0.000682	U
Methoxychlor	72-43-5		mg/kg	0.00315	U	-	-					0.00303	U	0.00308	U	0.00307	U
Toxaphene	8001-35-2		mg/kg	0.0315	U	-	-					0.0303	U	0.0308	U	0.0307	U
cis-Chlordane	5103-71-9	0.094	mg/kg	0.000585	JIP	-	-					0.00202	U	0.00205	U	0.00541	IP
trans-Chlordane	5103-74-2		mg/kg	0.00064	JIP	-	-					0.00202	U	0.000831	JIP	0.00426	
Chlordane	57-74-9		mg/kg	0.014	U	-	-					0.0134	U	0.0137	U	0.0136	U
Polychlorinated Biphenyls by GC																	
Aroclor 1016	12674-11-2	0.1	mg/kg	0.0364	U	-	-					0.0336	U	0.0345	U	0.0344	U
Aroclor 1221	11104-28-2	0.1	mg/kg	0.0364	U	-	-					0.0336	U	0.0345	U	0.0344	U
Aroclor 1232	11141-16-5	0.1	mg/kg	0.0364	U	-	-					0.0336	U	0.0345	U	0.0344	U
Aroclor 1242	53469-21-9	0.1	mg/kg	0.0364	U	-	-					0.0336	U	0.0345	U	0.0344	U
Aroclor 1248	12672-29-6	0.1	mg/kg	0.0364	U	-	-					0.0336	U	0.0345	U	0.0344	U
Aroclor 1254	11097-69-1	0.1	mg/kg	0.0364	U	-	-					0.0336	U	0.0345	U	0.0344	U
Aroclor 1260	11096-82-5	0.1	mg/kg	0.0135	J	-	-					0.0336	U	0.0345	U	0.0139	J
Aroclor 1262	37324-23-5	0.1	mg/kg	0.0364	U	-	-					0.0336	U	0.0345	U	0.0344	U
Aroclor 1268	11100-14-4	0.1	mg/kg	0.0364	U	-	-					0.0336	U	0.0345	U	0.0344	U
PCBs, Total	1336-36-3	0.1	mg/kg	0.0135	J	-	-					0.0336	U	0.0345	U	0.0139	J
Semivolatile Organics by GC/MS																	
Acenaphthene	83-32-9	20	mg/kg	0.14	U	-	-					0.14	U	0.14	U	0.14	U
1,2,4-Trichlorobenzene	120-82-1		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
Hexachlorobenzene	118-74-1	0.33	mg/kg	0.11	U	-	-					0.1	U	0.11	U	0.1	U
Bis(2-chloroethyl)ether	111-44-4		mg/kg	0.16	U	-	-					0.16	U	0.16	U	0.16	U
2-Chloronaphthalene	91-58-7		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-11 (5-5.5)		RA-11 (6-6.5)		RA-11 (7.5-8)		RA-11 (8.5-9)		RA-22 (5-5.5)		DUP-120220519 - RA-22 (		RA-23 (4-4.5)	
SAMPLING DATE				5/19/2022		5/19/2022		2070841-01		2070841-02		5/19/2022		5/19/2022		5/25/2022	
LAB SAMPLE ID				L2226807-21		L2226807-22		44760		44760		L2226807-09		L2226807-29		L2228130-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																	
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
3,3'-Dichlorobenzidine	91-94-1		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
2,4-Dinitrotoluene	121-14-2		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
2,6-Dinitrotoluene	606-20-2		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
Fluoranthene	206-44-0	100	mg/kg	1.2		-	-					0.46		0.13		0.25	
4-Chlorophenyl phenyl ether	7005-72-3		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
4-Bromophenyl phenyl ether	101-55-3		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
Bis(2-chloroisopropyl)ether	108-60-1		mg/kg	0.21	U	-	-					0.21	U	0.21	U	0.21	U
Bis(2-chloroethoxy)methane	111-91-1		mg/kg	0.19	U	-	-					0.19	U	0.19	U	0.19	U
Hexachlorobutadiene	87-68-3		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
Hexachlorocyclopentadiene	77-47-4		mg/kg	0.51	U	-	-					0.5	U	0.51	U	0.49	U
Hexachloroethane	67-72-1		mg/kg	0.14	U	-	-					0.14	U	0.14	U	0.14	U
Isophorone	78-59-1		mg/kg	0.16	U	-	-					0.16	U	0.16	U	0.16	U
Naphthalene	91-20-3	12	mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
Nitrobenzene	98-95-3		mg/kg	0.16	U	-	-					0.16	U	0.16	U	0.16	U
NDPA/DPA	86-30-6		mg/kg	0.14	U	-	-					0.14	U	0.14	U	0.14	U
n-Nitrosodi-n-propylamine	621-64-7		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
Bis(2-ethylhexyl)phthalate	117-81-7		mg/kg	0.079	J	-	-					0.18	U	0.18	U	0.063	J
Butyl benzyl phthalate	85-68-7		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.063	J
Di-n-butylphthalate	84-74-2		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
Di-n-octylphthalate	117-84-0		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
Diethyl phthalate	84-66-2		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
Dimethyl phthalate	131-11-3		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
Benzo(a)anthracene	56-55-3	1	mg/kg	0.68		-	-					0.16		0.09	J	0.14	
Benzo(a)pyrene	50-32-8	1	mg/kg	0.62		-	-					0.15		0.094	J	0.17	
Benzo(b)fluoranthene	205-99-2	1	mg/kg	0.82		-	-					0.6		0.12		0.21	
Benzo(k)fluoranthene	207-08-9	0.8	mg/kg	0.27		-	-					0.2		0.037	J	0.068	J
Chrysene	218-01-9	1	mg/kg	0.64		-	-					0.33		0.084	J	0.14	
Acenaphthylene	208-96-8	100	mg/kg	0.089	J	-	-					0.16		0.14	U	0.045	J
Anthracene	120-12-7	100	mg/kg	0.13		-	-					0.2		0.11	U	0.036	J
Benzo(ghi)perylene	191-24-2	100	mg/kg	0.36		-	-					0.2		0.054	J	0.11	J
Fluorene	86-73-7	30	mg/kg	0.022	J	-	-					0.025	J	0.18	U	0.17	U
Phenanthrene	85-01-8	100	mg/kg	0.44		-	-					0.079	J	0.042	J	0.1	
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg	0.1	J	-	-					0.036	J	0.11	U	0.028	J
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	mg/kg	0.46		-	-					0.24		0.063	J	0.13	J
Pyrene	129-00-0	100	mg/kg	0.96		-	-					0.38		0.12		0.22	
Biphenyl	92-52-4		mg/kg	0.4	U	-	-					0.4	U	0.4	U	0.39	U

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-11 (5-5.5)		RA-11 (6-6.5)		RA-11 (7.5-8)		RA-11 (8.5-9)		RA-22 (5-5.5)		DUP-120220519 - RA-22 (		RA-23 (4-4.5)	
SAMPLING DATE				5/19/2022		5/19/2022		2070841-01		2070841-02		5/19/2022		5/19/2022		5/25/2022	
LAB SAMPLE ID				L2226807-21		L2226807-22		44760		44760		L2226807-09		L2226807-29		L2228130-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																	
4-Chloroaniline	106-47-8		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
2-Nitroaniline	88-74-4		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
3-Nitroaniline	99-09-2		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
4-Nitroaniline	100-01-6		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
Dibenzofuran	132-64-9	7	mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
2-Methylnaphthalene	91-57-6		mg/kg	0.21	U	-	-					0.21	U	0.21	U	0.21	U
1,2,4,5-Tetrachlorobenzene	95-94-3		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
Acetophenone	98-86-2		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
2,4,6-Trichlorophenol	88-06-2		mg/kg	0.11	U	-	-					0.1	U	0.11	U	0.1	U
p-Chloro-m-cresol	59-50-7		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
2-Chlorophenol	95-57-8		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
2,4-Dichlorophenol	120-83-2		mg/kg	0.16	U	-	-					0.16	U	0.16	U	0.16	U
2,4-Dimethylphenol	105-67-9		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
2-Nitrophenol	88-75-5		mg/kg	0.38	U	-	-					0.38	U	0.38	U	0.37	U
4-Nitrophenol	100-02-7		mg/kg	0.25	U	-	-					0.25	U	0.25	U	0.24	U
2,4-Dinitrophenol	51-28-5		mg/kg	0.85	U	-	-					0.84	U	0.85	U	0.83	U
4,6-Dinitro-o-cresol	534-52-1		mg/kg	0.46	U	-	-					0.46	U	0.46	U	0.45	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.14	U	-	-					0.14	U	0.14	U	0.14	U
Phenol	108-95-2	0.33	mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
2-Methylphenol	95-48-7	0.33	mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	0.26	U	-	-					0.25	U	0.26	U	0.25	U
2,4,5-Trichlorophenol	95-95-4		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
Benzoic Acid	65-85-0		mg/kg	0.58	U	-	-					0.57	U	0.57	U	0.56	U
Benzyl Alcohol	100-51-6		mg/kg	0.18	U	-	-					0.18	U	0.18	U	0.17	U
Carbazole	86-74-8		mg/kg	0.074	J	-	-					0.2		0.18	U	0.17	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.027	U	-	-					0.026	U	0.027	U	0.026	U
Total Metals																	
Aluminum, Total	7429-90-5		mg/kg	4440		-	-					4860		4260		6140	
Antimony, Total	7440-36-0		mg/kg	4.35	U	-	-					4.19	U	4.03	U	4.04	U
Arsenic, Total	7440-38-2	13	mg/kg	1.7		-	-					1.1		1.14		3.5	
Barium, Total	7440-39-3	350	mg/kg	198		-	-					36.7		34.6		39.2	
Beryllium, Total	7440-41-7	7.2	mg/kg	0.13	J	-	-					0.168	J	0.145	J	0.194	J
Cadmium, Total	7440-43-9	2.5	mg/kg	0.209	J	-	-					0.117	J	0.137	J	0.34	J
Calcium, Total	7440-70-2		mg/kg	8220		-	-					11800		11400		4240	
Chromium, Total	7440-47-3		mg/kg	10.4		-	-					10		10.6		9.84	
Cobalt, Total	7440-48-4		mg/kg	4.67		-	-					4.58		4.27		3.7	
Copper, Total	7440-50-8	50	mg/kg	20.2		-	-					14.8		15.2		18.2	
Iron, Total	7439-89-6		mg/kg	9810		-	-					9350		10400		9610	
Lead, Total	7439-92-1	63	mg/kg	180		10						29.5		30.1		89.3	
Magnesium, Total	7439-95-4		mg/kg	4810		-	-					7300		7550		3150	
Manganese, Total	7439-96-5	1600	mg/kg	154		-	-					202		163		133	
Mercury, Total	7439-97-6	0.18	mg/kg	0.087		-	-					0.061	J	0.067	U	0.119	
Nickel, Total	7440-02-0	30	mg/kg	7.61		-	-					8.62		8.83		6.91	

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Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-11 (5-5.5)		RA-11 (6-6.5)		RA-11 (7.5-8)		RA-11 (8.5-9)		RA-22 (5-5.5)		DUP-120220519 - RA-22 (		RA-23 (4-4.5)	
SAMPLING DATE				5/19/2022		5/19/2022		2070841-01		2070841-02		5/19/2022		5/19/2022		5/25/2022	
LAB SAMPLE ID				L2226807-21		L2226807-22		44760		44760		L2226807-09		L2226807-29		L2228130-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals																	
Potassium, Total	7440-09-7		mg/kg	1140		-	-					835		1060		652	
Selenium, Total	7782-49-2	3.9	mg/kg	1.74	U	-	-					1.68	U	1.61	U	1.62	U
Silver, Total	7440-22-4	2	mg/kg	0.87	U	-	-					0.838	U	0.806	U	0.809	U
Sodium, Total	7440-23-5		mg/kg	82.6	J	-	-					68.4	J	118	J	64.9	J
Thallium, Total	7440-28-0		mg/kg	1.74	U	-	-					1.68	U	1.61	U	1.62	U
Vanadium, Total	7440-62-2		mg/kg	15.5		-	-					14.8		15.8		16.4	
Zinc, Total	7440-66-6	109	mg/kg	167		27.3						39.4		43		72.4	
Volatile Organics by EPA 5035																	
Methylene chloride	75-09-2	0.05	mg/kg	0.0054	U	-	-					0.0051	U	0.006	U	0.005	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
Chloroform	67-66-3	0.37	mg/kg	0.0016	U	-	-					0.0015	U	0.0018	U	0.0015	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
1,2-Dichloropropane	78-87-5		mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
Dibromochloromethane	124-48-1		mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
1,1,2-Trichloroethane	79-00-5		mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
Tetrachloroethene	127-18-4	1.3	mg/kg	0.00054	U	-	-					0.00051	U	0.0006	U	0.0005	U
Chlorobenzene	108-90-7	1.1	mg/kg	0.00054	U	-	-					0.00051	U	0.0006	U	0.0005	U
Trichlorofluoromethane	75-69-4		mg/kg	0.0043	U	-	-					0.0041	U	0.0048	U	0.004	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	0.00054	U	-	-					0.00051	U	0.0006	U	0.0005	U
Bromodichloromethane	75-27-4		mg/kg	0.00054	U	-	-					0.00051	U	0.0006	U	0.0005	U
trans-1,3-Dichloropropene	10061-02-6		mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
cis-1,3-Dichloropropene	10061-01-5		mg/kg	0.00054	U	-	-					0.00051	U	0.0006	U	0.0005	U
1,3-Dichloropropene, Total	542-75-6		mg/kg	0.00054	U	-	-					0.00051	U	0.0006	U	0.0005	U
1,1-Dichloropropene	563-58-6		mg/kg	0.00054	U	-	-					0.00051	U	0.0006	U	0.0005	U
Bromoform	75-25-2		mg/kg	0.0043	U	-	-					0.0041	U	0.0048	U	0.004	U
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	0.00054	U	-	-					0.00051	U	0.0006	U	0.0005	U
Benzene	71-43-2	0.06	mg/kg	0.00054	U	-	-					0.00051	U	0.0006	U	0.00017	J
Toluene	108-88-3	0.7	mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
Ethylbenzene	100-41-4	1	mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
Chloromethane	74-87-3		mg/kg	0.0043	U	-	-					0.0041	U	0.0048	U	0.004	U
Bromomethane	74-83-9		mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
Vinyl chloride	75-01-4	0.02	mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
Chloroethane	75-00-3		mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.0016	U	-	-					0.0015	U	0.0018	U	0.0015	U
Trichloroethene	79-01-6	0.47	mg/kg	0.00054	U	-	-					0.00014	J	0.0006	U	0.0005	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-11 (5-5.5)		RA-11 (6-6.5)		RA-11 (7.5-8)		RA-11 (8.5-9)		RA-22 (5-5.5)		DUP-120220519 - RA-22 (		RA-23 (4-4.5)	
SAMPLING DATE				5/19/2022		5/19/2022		2070841-01		2070841-02		5/19/2022		5/19/2022		5/25/2022	
LAB SAMPLE ID				L2226807-21		L2226807-22		44760		44760		L2226807-09		L2226807-29		L2228130-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035																	
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
p/m-Xylene	179601-23-1		mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
o-Xylene	95-47-6		mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
Xylenes, Total	1330-20-7	0.26	mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
1,2-Dichloroethene, Total	540-59-0		mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
Dibromomethane	74-95-3		mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
Styrene	100-42-5		mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
Dichlorodifluoromethane	75-71-8		mg/kg	0.011	U	-	-					0.01	U	0.012	U	0.01	U
Acetone	67-64-1	0.05	mg/kg	0.011	U	-	-					0.01	U	0.012	U	0.01	U
Carbon disulfide	75-15-0		mg/kg	0.011	U	-	-					0.01	U	0.012	U	0.01	U
2-Butanone	78-93-3	0.12	mg/kg	0.011	U	-	-					0.01	U	0.012	U	0.01	U
Vinyl acetate	108-05-4		mg/kg	0.011	U	-	-					0.01	U	0.012	U	0.01	U
4-Methyl-2-pentanone	108-10-1		mg/kg	0.011	U	-	-					0.01	U	0.012	U	0.01	U
1,2,3-Trichloropropane	96-18-4		mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
2-Hexanone	591-78-6		mg/kg	0.011	U	-	-					0.01	U	0.012	U	0.01	U
Bromochloromethane	74-97-5		mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
2,2-Dichloropropane	594-20-7		mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
1,2-Dibromoethane	106-93-4		mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
1,3-Dichloropropane	142-28-9		mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	0.00054	U	-	-					0.00051	U	0.0006	U	0.0005	U
Bromobenzene	108-86-1		mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
n-Butylbenzene	104-51-8	12	mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
sec-Butylbenzene	135-98-8	11	mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
tert-Butylbenzene	98-06-6	5.9	mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
o-Chlorotoluene	95-49-8		mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
p-Chlorotoluene	106-43-4		mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	0.0032	U	-	-					0.003	U	0.0036	U	0.003	U
Hexachlorobutadiene	87-68-3		mg/kg	0.0043	U	-	-					0.0041	U	0.0048	U	0.004	U
Isopropylbenzene	98-82-8		mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
p-Isopropyltoluene	99-87-6		mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
Naphthalene	91-20-3	12	mg/kg	0.0043	U	-	-					0.0041	U	0.0048	U	0.004	U
Acrylonitrile	107-13-1		mg/kg	0.0043	U	-	-					0.0041	U	0.0048	U	0.004	U
n-Propylbenzene	103-65-1	3.9	mg/kg	0.0011	U	-	-					0.001	U	0.0012	U	0.001	U
1,2,3-Trichlorobenzene	87-61-6		mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1		mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.087	U	-	-					0.081	U	0.096	U	0.081	U
p-Diethylbenzene	105-05-5		mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
p-Ethyltoluene	622-96-8		mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-11 (5-5.5)		RA-11 (6-6.5)		RA-11 (7.5-8)		RA-11 (8.5-9)		RA-22 (5-5.5)		DUP-120220519 - RA-22 (		RA-23 (4-4.5)	
SAMPLING DATE				5/19/2022		5/19/2022		2070841-01		2070841-02		5/19/2022		5/19/2022		5/25/2022	
LAB SAMPLE ID				L2226807-21		L2226807-22		44760		44760		L2226807-09		L2226807-29		L2228130-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035																	
Ethyl ether	60-29-7		mg/kg	0.0022	U	-	-					0.002	U	0.0024	U	0.002	U
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	0.0054	U	-	-					0.0051	U	0.006	U	0.005	U

Qualifiers:

U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-23 (5-5.5)		DUP-120220525 - RA-23 (5-5.5)		RA-23 (6.5-7)		RA-33 (3-3.5)		RA-33 (4-4.5)		RA-34 (4-4.5)		RA-44 (3-3.5)
SAMPLING DATE				5/25/2022		5/25/2022		7/28/2022		5/19/2022		5/19/2022		5/19/2022		5/19/2022
LAB SAMPLE ID				L2228130-02		L2228130-05		2071363-02		L2226807-07		L2226807-08		L2226807-23		L2226807-05
SAMPLE TYPE				SOIL		SOIL				SOIL		SOIL		SOIL		SOIL
SAMPLE DEPTH (ft.)																
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
General Chemistry																
Solids, Total	NONE		%	92.2		93.1				87.7		92		93.6		90.9
Cyanide, Total	57-12-5	27	mg/kg	-	-	1		U		1.1	U	-	-	1	U	1
Organochlorine Pesticides by GC																
Delta-BHC	319-86-8	0.04	mg/kg	-	-	0.00168		U		0.00172	U	-	-	0.00165	U	0.00171
Lindane	58-89-9	0.1	mg/kg	-	-	0.000699		U		0.000718	U	-	-	0.000686	U	0.000713
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	0.000699		U		0.000718	U	-	-	0.000686	U	0.000713
Beta-BHC	319-85-7	0.036	mg/kg	-	-	0.00168		U		0.00172	U	-	-	0.00165	U	0.00171
Heptachlor	76-44-8	0.042	mg/kg	-	-	0.000839		U		0.000862	U	-	-	0.000823	U	0.000856
Aldrin	309-00-2	0.005	mg/kg	-	-	0.00168		U		0.00172	U	-	-	0.00165	U	0.00171
Heptachlor epoxide	1024-57-3		mg/kg	-	-	0.00315		U		0.00323	U	-	-	0.00309	U	0.00321
Endrin	72-20-8	0.014	mg/kg	-	-	0.000699		U		0.000718	U	-	-	0.000686	U	0.000713
Endrin aldehyde	7421-93-4		mg/kg	-	-	0.0021		U		0.00216	U	-	-	0.00206	U	0.00214
Endrin ketone	53494-70-5		mg/kg	-	-	0.00168		U		0.00172	U	-	-	0.00165	U	0.00171
Dieldrin	60-57-1	0.005	mg/kg	-	-	0.00342				0.00153		-	-	0.00103	U	0.00107
4,4'-DDE	72-55-9	0.0033	mg/kg	0.0076		0.0294		0.000728	U	0.0113		0.00093	J	0.00165	U	0.000853
4,4'-DDD	72-54-8	0.0033	mg/kg	-	-	0.00232				0.00198		-	-	0.00165	U	0.00171
4,4'-DDT	50-29-3	0.0033	mg/kg	0.00707		0.023		0.00094	U	0.0154		0.00154	J	0.00309	U	0.0018
Endosulfan I	959-98-8	2.4	mg/kg	-	-	0.00168		U		0.00172	U	-	-	0.00165	U	0.00171
Endosulfan II	33213-65-9	2.4	mg/kg	-	-	0.00168		U		0.00172	U	-	-	0.00165	U	0.00171
Endosulfan sulfate	1031-07-8	2.4	mg/kg	-	-	0.000699		U		0.000718	U	-	-	0.000686	U	0.000713
Methoxychlor	72-43-5		mg/kg	-	-	0.00315		U		0.00323	U	-	-	0.00309	U	0.00321
Toxaphene	8001-35-2		mg/kg	-	-	0.0315		U		0.0323	U	-	-	0.0309	U	0.0321
cis-Chlordane	5103-71-9	0.094	mg/kg	-	-	0.00598		IP		0.00324	IP	-	-	0.00206	U	0.00214
trans-Chlordane	5103-74-2		mg/kg	-	-	0.00458				0.004		-	-	0.00206	U	0.00214
Chlordane	57-74-9		mg/kg	-	-	0.0188		IP		0.0144	U	-	-	0.0137	U	0.0143
Polychlorinated Biphenyls by GC																
Aroclor 1016	12674-11-2	0.1	mg/kg	-	-	0.0351		U		0.0363	U	-	-	0.0355	U	0.0359
Aroclor 1221	11104-28-2	0.1	mg/kg	-	-	0.0351		U		0.0363	U	-	-	0.0355	U	0.0359
Aroclor 1232	11141-16-5	0.1	mg/kg	-	-	0.0351		U		0.0363	U	-	-	0.0355	U	0.0359
Aroclor 1242	53469-21-9	0.1	mg/kg	-	-	0.0351		U		0.0363	U	-	-	0.0355	U	0.0359
Aroclor 1248	12672-29-6	0.1	mg/kg	-	-	0.0351		U		0.0363	U	-	-	0.0355	U	0.0359
Aroclor 1254	11097-69-1	0.1	mg/kg	-	-	0.0351		U		0.0363	U	-	-	0.0355	U	0.0359
Aroclor 1260	11096-82-5	0.1	mg/kg	-	-	0.0121		J		0.00681	JP	-	-	0.0355	U	0.0359
Aroclor 1262	37324-23-5	0.1	mg/kg	-	-	0.0351		U		0.0363	U	-	-	0.0355	U	0.0359
Aroclor 1268	11100-14-4	0.1	mg/kg	-	-	0.0351		U		0.0363	U	-	-	0.0355	U	0.0359
PCBs, Total	1336-36-3	0.1	mg/kg	-	-	0.0121		J		0.00681	J	-	-	0.0355	U	0.0359
Semivolatile Organics by GC/MS																
Acenaphthene	83-32-9	20	mg/kg	-	-	0.14		U		0.042	J	-	-	0.14	U	0.14
1,2,4-Trichlorobenzene	120-82-1		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
Hexachlorobenzene	118-74-1	0.33	mg/kg	-	-	0.1		U		0.11	U	-	-	0.1	U	0.11
Bis(2-chloroethyl)ether	111-44-4		mg/kg	-	-	0.16		U		0.17	U	-	-	0.16	U	0.16
2-Chloronaphthalene	91-58-7		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-23 (5-5.5)		DUP-120220525 - RA-23 (5-5.5)		RA-23 (6.5-7)		RA-33 (3-3.5)		RA-33 (4-4.5)		RA-34 (4-4.5)		RA-44 (3-3.5)
SAMPLING DATE				5/25/2022		5/25/2022		7/28/2022		5/19/2022		5/19/2022		5/19/2022		5/19/2022
LAB SAMPLE ID				L2228130-02		L2228130-05		2071363-02		L2226807-07		L2226807-08		L2226807-23		L2226807-05
SAMPLE TYPE				SOIL		SOIL				SOIL		SOIL		SOIL		SOIL
SAMPLE DEPTH (ft.)																
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Semivolatile Organics by GC/MS																
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
3,3'-Dichlorobenzidine	91-94-1		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
2,4-Dinitrotoluene	121-14-2		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
2,6-Dinitrotoluene	606-20-2		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
Fluoranthene	206-44-0	100	mg/kg	-	-	0.46				1.2		-	-	0.1	U	0.47
4-Chlorophenyl phenyl ether	7005-72-3		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
4-Bromophenyl phenyl ether	101-55-3		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
Bis(2-chloroisopropyl)ether	108-60-1		mg/kg	-	-	0.21		U		0.22	U	-	-	0.21	U	0.21
Bis(2-chloroethoxy)methane	111-91-1		mg/kg	-	-	0.19		U		0.2	U	-	-	0.19	U	0.19
Hexachlorobutadiene	87-68-3		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
Hexachlorocyclopentadiene	77-47-4		mg/kg	-	-	0.5		U		0.53	U	-	-	0.5	U	0.51
Hexachloroethane	67-72-1		mg/kg	-	-	0.14		U		0.15	U	-	-	0.14	U	0.14
Isophorone	78-59-1		mg/kg	-	-	0.16		U		0.17	U	-	-	0.16	U	0.16
Naphthalene	91-20-3	12	mg/kg	-	-	0.18		U		0.03	J	-	-	0.17	U	0.18
Nitrobenzene	98-95-3		mg/kg	-	-	0.16		U		0.17	U	-	-	0.16	U	0.16
NDPA/DPA	86-30-6		mg/kg	-	-	0.14		U		0.15	U	-	-	0.14	U	0.14
n-Nitrosodi-n-propylamine	621-64-7		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
Bis(2-ethylhexyl)phthalate	117-81-7		mg/kg	-	-	0.072		J		0.14	J	-	-	0.17	U	0.07
Butyl benzyl phthalate	85-68-7		mg/kg	-	-	0.063		J		0.12	J	-	-	0.17	U	0.18
Di-n-butylphthalate	84-74-2		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
Di-n-octylphthalate	117-84-0		mg/kg	-	-	0.09		J		0.19	U	-	-	0.17	U	0.18
Diethyl phthalate	84-66-2		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
Dimethyl phthalate	131-11-3		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
Benzo(a)anthracene	56-55-3	1	mg/kg	-	-	0.26				0.59		-	-	0.1	U	0.44
Benzo(a)pyrene	50-32-8	1	mg/kg	-	-	0.27				0.63		-	-	0.14	U	0.42
Benzo(b)fluoranthene	205-99-2	1	mg/kg	-	-	0.32				0.74		-	-	0.1	U	0.52
Benzo(k)fluoranthene	207-08-9	0.8	mg/kg	-	-	0.12				0.26		-	-	0.1	U	0.14
Chrysene	218-01-9	1	mg/kg	-	-	0.24				0.58		-	-	0.1	U	0.39
Acenaphthylene	208-96-8	100	mg/kg	-	-	0.052		J		0.071	J	-	-	0.14	U	0.24
Anthracene	120-12-7	100	mg/kg	-	-	0.077		J		0.16		-	-	0.1	U	0.084
Benzo(ghi)perylene	191-24-2	100	mg/kg	-	-	0.17				0.36		-	-	0.14	U	0.28
Fluorene	86-73-7	30	mg/kg	-	-	0.019		J		0.05	J	-	-	0.17	U	0.02
Phenanthrene	85-01-8	100	mg/kg	-	-	0.22				0.65		-	-	0.1	U	0.08
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg	-	-	0.044		J		0.087	J	-	-	0.1	U	0.065
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	mg/kg	-	-	0.2				0.42		-	-	0.14	U	0.27
Pyrene	129-00-0	100	mg/kg	-	-	0.4				1		-	-	0.1	U	0.78
Biphenyl	92-52-4		mg/kg	-	-	0.4		U		0.43	U	-	-	0.4	U	0.41

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-23 (5-5.5)		DUP-120220525 - RA-23 (5-5.5)		RA-23 (6.5-7)		RA-33 (3-3.5)		RA-33 (4-4.5)		RA-34 (4-4.5)		RA-44 (3-3.5)
SAMPLING DATE				5/25/2022		5/25/2022		7/28/2022		5/19/2022		5/19/2022		5/19/2022		5/19/2022
LAB SAMPLE ID				L2228130-02		L2228130-05		2071363-02		L2226807-07		L2226807-08		L2226807-23		L2226807-05
SAMPLE TYPE				SOIL		SOIL				SOIL		SOIL		SOIL		SOIL
SAMPLE DEPTH (ft.)																
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Semivolatile Organics by GC/MS																
4-Chloroaniline	106-47-8		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
2-Nitroaniline	88-74-4		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
3-Nitroaniline	99-09-2		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
4-Nitroaniline	100-01-6		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
Dibenzofuran	132-64-9	7	mg/kg	-	-	0.18		U		0.027	J	-	-	0.17	U	0.18
2-Methylnaphthalene	91-57-6		mg/kg	-	-	0.21		U		0.22	U	-	-	0.21	U	0.21
1,2,4,5-Tetrachlorobenzene	95-94-3		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
Acetophenone	98-86-2		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
2,4,6-Trichlorophenol	88-06-2		mg/kg	-	-	0.1		U		0.11	U	-	-	0.1	U	0.11
p-Chloro-m-cresol	59-50-7		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
2-Chlorophenol	95-57-8		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
2,4-Dichlorophenol	120-83-2		mg/kg	-	-	0.16		U		0.17	U	-	-	0.16	U	0.16
2,4-Dimethylphenol	105-67-9		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
2-Nitrophenol	88-75-5		mg/kg	-	-	0.38		U		0.4	U	-	-	0.37	U	0.39
4-Nitrophenol	100-02-7		mg/kg	-	-	0.24		U		0.26	U	-	-	0.24	U	0.25
2,4-Dinitrophenol	51-28-5		mg/kg	-	-	0.84		U		0.9	U	-	-	0.83	U	0.86
4,6-Dinitro-o-cresol	534-52-1		mg/kg	-	-	0.46		U		0.49	U	-	-	0.45	U	0.46
Pentachlorophenol	87-86-5	0.8	mg/kg	-	-	0.14		U		0.15	U	-	-	0.14	U	0.14
Phenol	108-95-2	0.33	mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
2-Methylphenol	95-48-7	0.33	mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	-	-	0.25		U		0.27	U	-	-	0.25	U	0.26
2,4,5-Trichlorophenol	95-95-4		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
Benzoic Acid	65-85-0		mg/kg	-	-	0.57		U		0.6	U	-	-	0.56	U	0.58
Benzyl Alcohol	100-51-6		mg/kg	-	-	0.18		U		0.19	U	-	-	0.17	U	0.18
Carbazole	86-74-8		mg/kg	-	-	0.029		J		0.07	J	-	-	0.17	U	0.18
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	0.026		U		0.028	U	-	-	0.026	U	0.027
Total Metals																
Aluminum, Total	7429-90-5		mg/kg	-	-	5760				5100		-	-	7040		4520
Antimony, Total	7440-36-0		mg/kg	-	-	4.12		U		4.4	U	-	-	4.05	U	4.19
Arsenic, Total	7440-38-2	13	mg/kg	-	-	2.84				1.62		-	-	0.955		0.897
Barium, Total	7440-39-3	350	mg/kg	-	-	44.7				48.6		-	-	35.1		32.2
Beryllium, Total	7440-41-7	7.2	mg/kg	-	-	0.189		J		0.176	J	-	-	0.243	J	0.151
Cadmium, Total	7440-43-9	2.5	mg/kg	-	-	0.305		J		0.132	J	-	-	0.809	U	0.838
Calcium, Total	7440-70-2		mg/kg	-	-	6610				5870		-	-	728		2590
Chromium, Total	7440-47-3		mg/kg	-	-	10.1				11		-	-	15		8.33
Cobalt, Total	7440-48-4		mg/kg	-	-	4.17				4.78		-	-	6.68		5.09
Copper, Total	7440-50-8	50	mg/kg	-	-	20.6				16.7		-	-	11.9		9.16
Iron, Total	7439-89-6		mg/kg	-	-	10400				10400		-	-	14700		8640
Lead, Total	7439-92-1	63	mg/kg	90.2		75.7				69.9		8.17		3.46	J	12.4
Magnesium, Total	7439-95-4		mg/kg	-	-	4670				4840		-	-	4270		2640
Manganese, Total	7439-96-5	1600	mg/kg	-	-	182				181		-	-	269		180
Mercury, Total	7439-97-6	0.18	mg/kg	-	-	0.13				0.074		-	-	0.067	U	0.07
Nickel, Total	7440-02-0	30	mg/kg	-	-	7.29				7.89		-	-	10.9		7.74

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-23 (5-5.5)		DUP-120220525 - RA-23 (5-5.5)		RA-23 (6.5-7)		RA-33 (3-3.5)		RA-33 (4-4.5)		RA-34 (4-4.5)		RA-44 (3-3.5)
SAMPLING DATE				5/25/2022		5/25/2022		7/28/2022		5/19/2022		5/19/2022		5/19/2022		5/19/2022
LAB SAMPLE ID				L2228130-02		L2228130-05		2071363-02		L2226807-07		L2226807-08		L2226807-23		L2226807-05
SAMPLE TYPE				SOIL		SOIL				SOIL		SOIL		SOIL		SOIL
SAMPLE DEPTH (ft.)																
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Total Metals																
Potassium, Total	7440-09-7		mg/kg	-	-	775				1020		-	-	2040		880
Selenium, Total	7782-49-2	3.9	mg/kg	-	-	1.65		U		1.76	U	-	-	1.62	U	1.68
Silver, Total	7440-22-4	2	mg/kg	-	-	0.824		U		0.881	U	-	-	0.809	U	0.838
Sodium, Total	7440-23-5		mg/kg	-	-	84.5		J		93.8	J	-	-	229		91.4
Thallium, Total	7440-28-0		mg/kg	-	-	1.65		U		1.76	U	-	-	1.62	U	1.68
Vanadium, Total	7440-62-2		mg/kg	-	-	17.4				16.6		-	-	24.3		12.9
Zinc, Total	7440-66-6	109	mg/kg	-	-	62.6				54.1		-	-	28.2		25.8
Volatile Organics by EPA 5035																
Methylene chloride	75-09-2	0.05	mg/kg	-	-	0.0048		U		0.0052	U	-	-	0.0057	U	0.0056
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
Chloroform	67-66-3	0.37	mg/kg	-	-	0.0014		U		0.0016	U	-	-	0.0017	U	0.0017
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
1,2-Dichloropropane	78-87-5		mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
Dibromochloromethane	124-48-1		mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
1,1,2-Trichloroethane	79-00-5		mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	0.00048		U		0.00052	U	-	-	0.00057	U	0.00056
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	0.00048		U		0.00052	U	-	-	0.00057	U	0.00056
Trichlorofluoromethane	75-69-4		mg/kg	-	-	0.0039		U		0.0042	U	-	-	0.0045	U	0.0045
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	0.00048		U		0.00052	U	-	-	0.00057	U	0.00056
Bromodichloromethane	75-27-4		mg/kg	-	-	0.00048		U		0.00052	U	-	-	0.00057	U	0.00056
trans-1,3-Dichloropropene	10061-02-6		mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
cis-1,3-Dichloropropene	10061-01-5		mg/kg	-	-	0.00048		U		0.00052	U	-	-	0.00057	U	0.00056
1,3-Dichloropropene, Total	542-75-6		mg/kg	-	-	0.00048		U		0.00052	U	-	-	0.00057	U	0.00056
1,1-Dichloropropene	563-58-6		mg/kg	-	-	0.00048		U		0.00052	U	-	-	0.00057	U	0.00056
Bromoform	75-25-2		mg/kg	-	-	0.0039		U		0.0042	U	-	-	0.0045	U	0.0045
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	-	-	0.00048		U		0.00052	U	-	-	0.00057	U	0.00056
Benzene	71-43-2	0.06	mg/kg	-	-	0.00048		U		0.00052	U	-	-	0.00057	U	0.00056
Toluene	108-88-3	0.7	mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
Ethylbenzene	100-41-4	1	mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
Chloromethane	74-87-3		mg/kg	-	-	0.0039		U		0.0042	U	-	-	0.0045	U	0.0045
Bromomethane	74-83-9		mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
Chloroethane	75-00-3		mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	0.0014		U		0.0016	U	-	-	0.0017	U	0.0017
Trichloroethene	79-01-6	0.47	mg/kg	-	-	0.00048		U		0.00052	U	-	-	0.00057	U	0.00056
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-23 (5-5.5)		DUP-120220525 - RA-23 (5-5.5)		RA-23 (6.5-7)		RA-33 (3-3.5)		RA-33 (4-4.5)		RA-34 (4-4.5)		RA-44 (3-3.5)
SAMPLING DATE				5/25/2022		5/25/2022		7/28/2022		5/19/2022		5/19/2022		5/19/2022		5/19/2022
LAB SAMPLE ID				L2228130-02		L2228130-05		2071363-02		L2226807-07		L2226807-08		L2226807-23		L2226807-05
SAMPLE TYPE				SOIL		SOIL				SOIL		SOIL		SOIL		SOIL
SAMPLE DEPTH (ft.)																
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Volatile Organics by EPA 5035																
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
p/m-Xylene	179601-23-1		mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
o-Xylene	95-47-6		mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
Xylenes, Total	1330-20-7	0.26	mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
1,2-Dichloroethene, Total	540-59-0		mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
Dibromomethane	74-95-3		mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
Styrene	100-42-5		mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
Dichlorodifluoromethane	75-71-8		mg/kg	-	-	0.0096		U		0.01	U	-	-	0.011	U	0.011
Acetone	67-64-1	0.05	mg/kg	-	-	0.0096		U		0.01	U	-	-	0.011	U	0.011
Carbon disulfide	75-15-0		mg/kg	-	-	0.0096		U		0.01	U	-	-	0.011	U	0.011
2-Butanone	78-93-3	0.12	mg/kg	-	-	0.0096		U		0.01	U	-	-	0.011	U	0.011
Vinyl acetate	108-05-4		mg/kg	-	-	0.0096		U		0.01	U	-	-	0.011	U	0.011
4-Methyl-2-pentanone	108-10-1		mg/kg	-	-	0.0096		U		0.01	U	-	-	0.011	U	0.011
1,2,3-Trichloropropane	96-18-4		mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
2-Hexanone	591-78-6		mg/kg	-	-	0.0096		U		0.01	U	-	-	0.011	U	0.011
Bromochloromethane	74-97-5		mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
2,2-Dichloropropane	594-20-7		mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
1,2-Dibromoethane	106-93-4		mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
1,3-Dichloropropane	142-28-9		mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	-	-	0.00048		U		0.00052	U	-	-	0.00057	U	0.00056
Bromobenzene	108-86-1		mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
n-Butylbenzene	104-51-8	12	mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
o-Chlorotoluene	95-49-8		mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
p-Chlorotoluene	106-43-4		mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	-	-	0.0029		U		0.0031	U	-	-	0.0034	U	0.0034
Hexachlorobutadiene	87-68-3		mg/kg	-	-	0.0039		U		0.0042	U	-	-	0.0045	U	0.0045
Isopropylbenzene	98-82-8		mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
p-Isopropyltoluene	99-87-6		mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
Naphthalene	91-20-3	12	mg/kg	-	-	0.0039		U		0.0042	U	-	-	0.0045	U	0.0045
Acrylonitrile	107-13-1		mg/kg	-	-	0.0039		U		0.0042	U	-	-	0.0045	U	0.0045
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	0.00096		U		0.001	U	-	-	0.0011	U	0.0011
1,2,3-Trichlorobenzene	87-61-6		mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
1,2,4-Trichlorobenzene	120-82-1		mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	0.077		U		0.084	U	-	-	0.091	U	0.089
p-Diethylbenzene	105-05-5		mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
p-Ethyltoluene	622-96-8		mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-23 (5-5.5)		DUP-120220525 - RA-23 (5-5.5)		RA-23 (6.5-7)		RA-33 (3-3.5)		RA-33 (4-4.5)		RA-34 (4-4.5)		RA-44 (3-3.5)
SAMPLING DATE				5/25/2022		5/25/2022		7/28/2022		5/19/2022		5/19/2022		5/19/2022		5/19/2022
LAB SAMPLE ID				L2228130-02		L2228130-05		2071363-02		L2226807-07		L2226807-08		L2226807-23		L2226807-05
SAMPLE TYPE				SOIL		SOIL				SOIL		SOIL		SOIL		SOIL
SAMPLE DEPTH (ft.)																
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Volatile Organics by EPA 5035																
Ethyl ether	60-29-7		mg/kg	-	-	0.0019		U		0.0021	U	-	-	0.0023	U	0.0022
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	-	-	0.0048		U		0.0052	U	-	-	0.0057	U	0.0056

Qualifiers:

U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION					RA-45 (4-4.5)		RA-48B (20-20.5)		RA-49A (16.5-17)		RA-52B (19-19.5)		DUP-1 20220331 - RA-51B(19-19.5)		RA-53 (24-24.5)	
SAMPLING DATE					5/19/2022		4/4/2022		4/4/2022		3/31/2022		3/31/2022		3/30/2022	
LAB SAMPLE ID					L2226807-25		L2217211-02		L2217211-01		L2216733-01		L2216733-03		L2216407-03	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																
	CasNum	NY-UNRE	Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																
Solids, Total	NONE		%		77.8		87.3		94.2		96.3		94.6		97.9	
Cyanide, Total	57-12-5	27	mg/kg	U	1.2	U	1.1	U	1	U	0.98	U	0.99	U	0.97	U
Organochlorine Pesticides by GC																
Delta-BHC	319-86-8	0.04	mg/kg	U	0.00201	U	0.00176	U	0.00169	U	0.00161	U	0.00162	U	0.0016	U
Lindane	58-89-9	0.1	mg/kg	U	0.000837	U	0.000734	U	0.000705	U	0.00067	U	0.000673	U	0.000668	U
Alpha-BHC	319-84-6	0.02	mg/kg	U	0.000837	U	0.000734	U	0.000705	U	0.00067	U	0.000673	U	0.000668	U
Beta-BHC	319-85-7	0.036	mg/kg	U	0.00201	U	0.00176	U	0.00169	U	0.00161	U	0.00162	U	0.0016	U
Heptachlor	76-44-8	0.042	mg/kg	U	0.001	U	0.00088	U	0.000846	U	0.000804	U	0.000808	U	0.000802	U
Aldrin	309-00-2	0.005	mg/kg	U	0.00201	U	0.00176	U	0.00169	U	0.00161	U	0.00162	U	0.0016	U
Heptachlor epoxide	1024-57-3		mg/kg	U	0.00377	U	0.0033	U	0.00317	U	0.00302	U	0.00303	U	0.00301	U
Endrin	72-20-8	0.014	mg/kg	U	0.000837	U	0.000734	U	0.000705	U	0.00067	U	0.000673	U	0.000668	U
Endrin aldehyde	7421-93-4		mg/kg	U	0.00251	U	0.0022	U	0.00212	U	0.00201	U	0.00202	U	0.002	U
Endrin ketone	53494-70-5		mg/kg	U	0.00201	U	0.00176	U	0.00169	U	0.00161	U	0.00162	U	0.0016	U
Dieldrin	60-57-1	0.005	mg/kg	U	0.00126	U	0.0011	U	0.00106	U	0.001	U	0.00101	U	0.001	U
4,4'-DDE	72-55-9	0.0033	mg/kg	J	0.00201	U	0.00176	U	0.00169	U	0.00161	U	0.0015	J	0.0016	U
4,4'-DDD	72-54-8	0.0033	mg/kg	U	0.00201	U	0.00176	U	0.00169	U	0.00161	U	0.00162	U	0.0016	U
4,4'-DDT	50-29-3	0.0033	mg/kg	JIP	0.00377	U	0.0033	U	0.00317	U	0.00302	U	0.00406		0.00301	U
Endosulfan I	959-98-8	2.4	mg/kg	U	0.00201	U	0.00176	U	0.00169	U	0.00161	U	0.00162	U	0.0016	U
Endosulfan II	33213-65-9	2.4	mg/kg	U	0.00201	U	0.00176	U	0.00169	U	0.00161	U	0.00162	U	0.0016	U
Endosulfan sulfate	1031-07-8	2.4	mg/kg	U	0.000837	U	0.000734	U	0.000705	U	0.00067	U	0.000673	U	0.000668	U
Methoxychlor	72-43-5		mg/kg	U	0.00377	U	0.0033	U	0.00317	U	0.00302	U	0.00303	U	0.00301	U
Toxaphene	8001-35-2		mg/kg	U	0.0377	U	0.033	U	0.0317	U	0.0302	U	0.0303	U	0.0301	U
cis-Chlordane	5103-71-9	0.094	mg/kg	U	0.00251	U	0.0022	U	0.00212	U	0.00201	U	0.00202	U	0.002	U
trans-Chlordane	5103-74-2		mg/kg	U	0.00251	U	0.0022	U	0.00212	U	0.00201	U	0.00202	U	0.002	U
Chlordane	57-74-9		mg/kg	U	0.0167	U	0.0147	U	0.0141	U	0.0134	U	0.0135	U	0.0134	U
Polychlorinated Biphenyls by GC																
Aroclor 1016	12674-11-2	0.1	mg/kg	U	0.0419	U	0.036	U	0.0334	U	0.0329	U	0.0338	U	0.0328	U
Aroclor 1221	11104-28-2	0.1	mg/kg	U	0.0419	U	0.036	U	0.0334	U	0.0329	U	0.0338	U	0.0328	U
Aroclor 1232	11141-16-5	0.1	mg/kg	U	0.0419	U	0.036	U	0.0334	U	0.0329	U	0.0338	U	0.0328	U
Aroclor 1242	53469-21-9	0.1	mg/kg	U	0.0419	U	0.036	U	0.0334	U	0.0329	U	0.0338	U	0.0328	U
Aroclor 1248	12672-29-6	0.1	mg/kg	U	0.0419	U	0.036	U	0.0334	U	0.0329	U	0.0338	U	0.0328	U
Aroclor 1254	11097-69-1	0.1	mg/kg	U	0.0419	U	0.036	U	0.0334	U	0.0329	U	0.0338	U	0.0328	U
Aroclor 1260	11096-82-5	0.1	mg/kg	U	0.0419	U	0.036	U	0.0334	U	0.0329	U	0.0338	U	0.0328	U
Aroclor 1262	37324-23-5	0.1	mg/kg	U	0.0419	U	0.036	U	0.0334	U	0.0329	U	0.0338	U	0.0328	U
Aroclor 1268	11100-14-4	0.1	mg/kg	U	0.0419	U	0.036	U	0.0334	U	0.0329	U	0.0338	U	0.0328	U
PCBs, Total	1336-36-3	0.1	mg/kg	U	0.0419	U	0.036	U	0.0334	U	0.0329	U	0.0338	U	0.0328	U
Semivolatile Organics by GC/MS																
Acenaphthene	83-32-9	20	mg/kg	U	0.17	U	0.15	U	0.14	U	0.14	U	0.14	U	0.14	U
1,2,4-Trichlorobenzene	120-82-1		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
Hexachlorobenzene	118-74-1	0.33	mg/kg	U	0.12	U	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
Bis(2-chloroethyl)ether	111-44-4		mg/kg	U	0.19	U	0.17	U	0.16	U	0.15	U	0.15	U	0.15	U
2-Chloronaphthalene	91-58-7		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION					RA-45 (4-4.5)		RA-48B (20-20.5)		RA-49A (16.5-17)		RA-52B (19-19.5)		DUP-1 20220331 - RA-51B(19-19.5)		RA-53 (24-24.5)	
SAMPLING DATE					5/19/2022		4/4/2022		4/4/2022		3/31/2022		3/31/2022		3/30/2022	
LAB SAMPLE ID					L2226807-25		L2217211-02		L2217211-01		L2216733-01		L2216733-03		L2216407-03	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																
	CasNum	NY-UNRE	Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
3,3'-Dichlorobenzidine	91-94-1		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
2,4-Dinitrotoluene	121-14-2		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
2,6-Dinitrotoluene	606-20-2		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
Fluoranthene	206-44-0	100	mg/kg		0.12	U	0.11	U	0.1	U	0.053	J	0.1	U	0.1	U
4-Chlorophenyl phenyl ether	7005-72-3		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
4-Bromophenyl phenyl ether	101-55-3		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
Bis(2-chloroisopropyl)ether	108-60-1		mg/kg	U	0.25	U	0.23	U	0.21	U	0.2	U	0.21	U	0.2	U
Bis(2-chloroethoxy)methane	111-91-1		mg/kg	U	0.23	U	0.2	U	0.19	U	0.18	U	0.18	U	0.18	U
Hexachlorobutadiene	87-68-3		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
Hexachlorocyclopentadiene	77-47-4		mg/kg	U	0.6	U	0.54	U	0.49	U	0.49	U	0.49	U	0.48	U
Hexachloroethane	67-72-1		mg/kg	U	0.17	U	0.15	U	0.14	U	0.14	U	0.14	U	0.14	U
Isophorone	78-59-1		mg/kg	U	0.19	U	0.17	U	0.16	U	0.15	U	0.15	U	0.15	U
Naphthalene	91-20-3	12	mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
Nitrobenzene	98-95-3		mg/kg	U	0.19	U	0.17	U	0.16	U	0.15	U	0.15	U	0.15	U
NDPA/DPA	86-30-6		mg/kg	U	0.17	U	0.15	U	0.14	U	0.14	U	0.14	U	0.14	U
n-Nitrosodi-n-propylamine	621-64-7		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
Bis(2-ethylhexyl)phthalate	117-81-7		mg/kg	J	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
Butyl benzyl phthalate	85-68-7		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
Di-n-butylphthalate	84-74-2		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
Di-n-octylphthalate	117-84-0		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
Diethyl phthalate	84-66-2		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
Dimethyl phthalate	131-11-3		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
Benzo(a)anthracene	56-55-3	1	mg/kg		0.12	U	0.11	U	0.1	U	0.029	J	0.1	U	0.1	U
Benzo(a)pyrene	50-32-8	1	mg/kg		0.17	U	0.15	U	0.14	U	0.14	U	0.14	U	0.14	U
Benzo(b)fluoranthene	205-99-2	1	mg/kg		0.12	U	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(k)fluoranthene	207-08-9	0.8	mg/kg		0.12	U	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
Chrysene	218-01-9	1	mg/kg		0.12	U	0.11	U	0.1	U	0.023	J	0.1	U	0.1	U
Acenaphthylene	208-96-8	100	mg/kg		0.17	U	0.15	U	0.14	U	0.14	U	0.14	U	0.14	U
Anthracene	120-12-7	100	mg/kg	J	0.12	U	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(ghi)perylene	191-24-2	100	mg/kg		0.17	U	0.15	U	0.14	U	0.14	U	0.14	U	0.14	U
Fluorene	86-73-7	30	mg/kg	J	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
Phenanthrene	85-01-8	100	mg/kg	J	0.12	U	0.11	U	0.1	U	0.035	J	0.1	U	0.1	U
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg	J	0.12	U	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	mg/kg		0.17	U	0.15	U	0.14	U	0.14	U	0.14	U	0.14	U
Pyrene	129-00-0	100	mg/kg		0.12	U	0.11	U	0.1	U	0.042	J	0.1	U	0.1	U
Biphenyl	92-52-4		mg/kg	U	0.48	U	0.43	U	0.39	U	0.39	U	0.39	U	0.39	U

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION					RA-45 (4-4.5)		RA-48B (20-20.5)		RA-49A (16.5-17)		RA-52B (19-19.5)		DUP-1 20220331 - RA-51B(19-19.5)		RA-53 (24-24.5)	
SAMPLING DATE					5/19/2022		4/4/2022		4/4/2022		3/31/2022		3/31/2022		3/30/2022	
LAB SAMPLE ID					L2226807-25		L2217211-02		L2217211-01		L2216733-01		L2216733-03		L2216407-03	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																
	CasNum	NY-UNRE	Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																
4-Chloroaniline	106-47-8		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
2-Nitroaniline	88-74-4		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
3-Nitroaniline	99-09-2		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
4-Nitroaniline	100-01-6		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
Dibenzofuran	132-64-9	7	mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
2-Methylnaphthalene	91-57-6		mg/kg	U	0.25	U	0.23	U	0.21	U	0.2	U	0.21	U	0.2	U
1,2,4,5-Tetrachlorobenzene	95-94-3		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
Acetophenone	98-86-2		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
2,4,6-Trichlorophenol	88-06-2		mg/kg	U	0.12	U	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
p-Chloro-m-cresol	59-50-7		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
2-Chlorophenol	95-57-8		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
2,4-Dichlorophenol	120-83-2		mg/kg	U	0.19	U	0.17	U	0.16	U	0.15	U	0.15	U	0.15	U
2,4-Dimethylphenol	105-67-9		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
2-Nitrophenol	88-75-5		mg/kg	U	0.45	U	0.41	U	0.37	U	0.37	U	0.37	U	0.37	U
4-Nitrophenol	100-02-7		mg/kg	U	0.29	U	0.26	U	0.24	U	0.24	U	0.24	U	0.24	U
2,4-Dinitrophenol	51-28-5		mg/kg	U	1	U	0.9	U	0.83	U	0.82	U	0.83	U	0.82	U
4,6-Dinitro-o-cresol	534-52-1		mg/kg	U	0.54	U	0.49	U	0.45	U	0.44	U	0.45	U	0.44	U
Pentachlorophenol	87-86-5	0.8	mg/kg	U	0.17	U	0.15	U	0.14	U	0.14	U	0.14	U	0.14	U
Phenol	108-95-2	0.33	mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
2-Methylphenol	95-48-7	0.33	mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	U	0.3	U	0.27	U	0.25	U	0.24	U	0.25	U	0.24	U
2,4,5-Trichlorophenol	95-95-4		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
Benzoic Acid	65-85-0		mg/kg	U	0.68	U	0.61	U	0.56	U	0.55	U	0.56	U	0.55	U
Benzyl Alcohol	100-51-6		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
Carbazole	86-74-8		mg/kg	U	0.21	U	0.19	U	0.17	U	0.17	U	0.17	U	0.17	U
1,4-Dioxane	123-91-1	0.1	mg/kg	U	0.031	U	0.028	U	0.026	U	0.026	U	0.026	U	0.025	U
Total Metals																
Aluminum, Total	7429-90-5		mg/kg		12700		4220		1930		3330		3340		1560	
Antimony, Total	7440-36-0		mg/kg	U	4.87	U	4.38	U	3.99	U	3.9	U	4.09	U	3.97	U
Arsenic, Total	7440-38-2	13	mg/kg		2.08		0.709	J	0.479	J	0.195	J	0.18	J	0.461	J
Barium, Total	7440-39-3	350	mg/kg		82.4		32.6		14.4		29.7		27.8		18.1	
Beryllium, Total	7440-41-7	7.2	mg/kg	J	0.584		0.438	U	0.399	U	0.125	J	0.065	J	0.04	J
Cadmium, Total	7440-43-9	2.5	mg/kg	U	0.974	U	0.105	J	0.799	U	0.203	J	0.188	J	0.795	U
Calcium, Total	7440-70-2		mg/kg		1360		1490		11800		16200		13700		17300	
Chromium, Total	7440-47-3		mg/kg		13.1		10.9		4.64		7.94		7.67		3.32	
Cobalt, Total	7440-48-4		mg/kg		5.59		5.87		2.63		3.89		3.87		2.28	
Copper, Total	7440-50-8	50	mg/kg		7.52		10.3		5.05		8.12		8.36		4.6	
Iron, Total	7439-89-6		mg/kg		14000		9800		5170		6840		6940		3940	
Lead, Total	7439-92-1	63	mg/kg		12.3		2.54	J	1.75	J	3.72	J	3.33	J	1.44	J
Magnesium, Total	7439-95-4		mg/kg		2520		3130		7950		10900		9230		11000	
Manganese, Total	7439-96-5	1600	mg/kg		758		137		66.8		102		105		83.4	
Mercury, Total	7439-97-6	0.18	mg/kg	U	0.064	J	0.082	U	0.074	U	0.07	U	0.08	U	0.064	U
Nickel, Total	7440-02-0	30	mg/kg		9.89		8.35		4.01		5.77		5.63		3.39	

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION					RA-45 (4-4.5)		RA-48B (20-20.5)		RA-49A (16.5-17)		RA-52B (19-19.5)		DUP-1 20220331 - RA-51B(19-19.5)		RA-53 (24-24.5)	
SAMPLING DATE					5/19/2022		4/4/2022		4/4/2022		3/31/2022		3/31/2022		3/30/2022	
LAB SAMPLE ID					L2226807-25		L2217211-02		L2217211-01		L2216733-01		L2216733-03		L2216407-03	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																
	CasNum	NY-UNRE	Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals																
Potassium, Total	7440-09-7		mg/kg		489		1740		637		1280		1170		423	
Selenium, Total	7782-49-2	3.9	mg/kg	U	1.95	U	1.75	U	1.6	U	1.56	U	1.64	U	1.59	U
Silver, Total	7440-22-4	2	mg/kg	U	0.974	U	0.876	U	0.799	U	0.781	U	0.818	U	0.795	U
Sodium, Total	7440-23-5		mg/kg	J	473		193		59.2	J	159		173		48	J
Thallium, Total	7440-28-0		mg/kg	U	1.95	U	1.75	U	1.6	U	1.56	U	1.64	U	1.59	U
Vanadium, Total	7440-62-2		mg/kg		21.3		16.4		7.28		11.9		10.9		5	
Zinc, Total	7440-66-6	109	mg/kg		35		25.7		8.87		22		21.8		8.12	
Volatile Organics by EPA 5035																
Methylene chloride	75-09-2	0.05	mg/kg	U	0.0061	U	0.0064	U	0.0055	U	0.0056	U	0.0058	U	0.0064	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0013	U
Chloroform	67-66-3	0.37	mg/kg	U	0.0018	U	0.0019	U	0.0017	U	0.0017	U	0.0018	U	0.0019	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0013	U
1,2-Dichloropropane	78-87-5		mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0013	U
Dibromochloromethane	124-48-1		mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0013	U
1,1,2-Trichloroethane	79-00-5		mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0013	U
Tetrachloroethene	127-18-4	1.3	mg/kg	U	0.00061	U	0.00064	U	0.00055	U	0.00056	U	0.00058	U	0.00064	U
Chlorobenzene	108-90-7	1.1	mg/kg	U	0.00061	U	0.00064	U	0.00055	U	0.00056	U	0.00058	U	0.00064	U
Trichlorofluoromethane	75-69-4		mg/kg	U	0.0049	U	0.0051	U	0.0044	U	0.0045	U	0.0047	U	0.0051	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0013	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	U	0.00061	U	0.00064	U	0.00055	U	0.00056	U	0.00058	U	0.00064	U
Bromodichloromethane	75-27-4		mg/kg	U	0.00061	U	0.00064	U	0.00055	U	0.00056	U	0.00058	U	0.00064	U
trans-1,3-Dichloropropene	10061-02-6		mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0013	U
cis-1,3-Dichloropropene	10061-01-5		mg/kg	U	0.00061	U	0.00064	U	0.00055	U	0.00056	U	0.00058	U	0.00064	U
1,3-Dichloropropene, Total	542-75-6		mg/kg	U	0.00061	U	0.00064	U	0.00055	U	0.00056	U	0.00058	U	0.00064	U
1,1-Dichloropropene	563-58-6		mg/kg	U	0.00061	U	0.00064	U	0.00055	U	0.00056	U	0.00058	U	0.00064	U
Bromoform	75-25-2		mg/kg	U	0.0049	U	0.0051	U	0.0044	U	0.0045	U	0.0047	U	0.0051	U
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	U	0.00061	U	0.00064	U	0.00055	U	0.00056	U	0.00058	U	0.00064	U
Benzene	71-43-2	0.06	mg/kg	U	0.00061	U	0.00064	U	0.00055	U	0.00056	U	0.00058	U	0.00064	U
Toluene	108-88-3	0.7	mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0013	U
Ethylbenzene	100-41-4	1	mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0013	U
Chloromethane	74-87-3		mg/kg	U	0.0049	U	0.0051	U	0.0044	U	0.0045	U	0.0047	U	0.0051	U
Bromomethane	74-83-9		mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0022	U	0.0023	U	0.0025	U
Vinyl chloride	75-01-4	0.02	mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0013	U
Chloroethane	75-00-3		mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0022	U	0.0023	U	0.0025	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0013	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	U	0.0018	U	0.0019	U	0.0017	U	0.0017	U	0.0018	U	0.0019	U
Trichloroethene	79-01-6	0.47	mg/kg	U	0.00061	U	0.00064	U	0.00055	U	0.00056	U	0.00058	U	0.00064	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0022	U	0.0023	U	0.0025	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0022	U	0.0023	U	0.0025	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0022	U	0.0023	U	0.0025	U

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION					RA-45 (4-4.5)		RA-48B (20-20.5)		RA-49A (16.5-17)		RA-52B (19-19.5)		DUP-1 20220331 - RA-51B(19-19.5)		RA-53 (24-24.5)	
SAMPLING DATE					5/19/2022		4/4/2022		4/4/2022		3/31/2022		3/31/2022		3/30/2022	
LAB SAMPLE ID					L2226807-25		L2217211-02		L2217211-01		L2216733-01		L2216733-03		L2216407-03	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																
	CasNum	NY-UNRE	Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035																
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0022	U	0.0023	U	0.0025	U
p/m-Xylene	179601-23-1		mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0022	U	0.0023	U	0.0025	U
o-Xylene	95-47-6		mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0013	U
Xylenes, Total	1330-20-7	0.26	mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0013	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0013	U
1,2-Dichloroethene, Total	540-59-0		mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0013	U
Dibromomethane	74-95-3		mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0022	U	0.0023	U	0.0025	U
Styrene	100-42-5		mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.00024	J	0.00041	J	0.00031	J
Dichlorodifluoromethane	75-71-8		mg/kg	U	0.012	U	0.013	U	0.011	U	0.011	U	0.012	U	0.013	U
Acetone	67-64-1	0.05	mg/kg	U	0.012	U	0.013	U	0.011	U	0.011	U	0.012	U	0.013	U
Carbon disulfide	75-15-0		mg/kg	U	0.012	U	0.013	U	0.011	U	0.011	U	0.012	U	0.013	U
2-Butanone	78-93-3	0.12	mg/kg	U	0.012	U	0.013	U	0.011	U	0.011	U	0.012	U	0.013	U
Vinyl acetate	108-05-4		mg/kg	U	0.012	U	0.013	U	0.011	U	0.011	U	0.012	U	0.013	U
4-Methyl-2-pentanone	108-10-1		mg/kg	U	0.012	U	0.013	U	0.011	U	0.011	U	0.012	U	0.013	U
1,2,3-Trichloropropane	96-18-4		mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0022	U	0.0023	U	0.0025	U
2-Hexanone	591-78-6		mg/kg	U	0.012	U	0.013	U	0.011	U	0.011	U	0.012	U	0.013	U
Bromochloromethane	74-97-5		mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0022	U	0.0023	U	0.0025	U
2,2-Dichloropropane	594-20-7		mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0022	U	0.0023	U	0.0025	U
1,2-Dibromoethane	106-93-4		mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0013	U
1,3-Dichloropropane	142-28-9		mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0022	U	0.0023	U	0.0025	U
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	U	0.00061	U	0.00064	U	0.00055	U	0.00056	U	0.00058	U	0.00064	U
Bromobenzene	108-86-1		mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0022	U	0.0023	U	0.0025	U
n-Butylbenzene	104-51-8	12	mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.00023	J	0.0012	U	0.0013	U
sec-Butylbenzene	135-98-8	11	mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0013	U
tert-Butylbenzene	98-06-6	5.9	mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0022	U	0.0023	U	0.0025	U
o-Chlorotoluene	95-49-8		mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0022	U	0.0023	U	0.0025	U
p-Chlorotoluene	106-43-4		mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0022	U	0.0023	U	0.0025	U
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	U	0.0037	U	0.0038	U	0.0033	U	0.0034	U	0.0035	U	0.0038	U
Hexachlorobutadiene	87-68-3		mg/kg	U	0.0049	U	0.0051	U	0.0044	U	0.0045	U	0.0047	U	0.0051	U
Isopropylbenzene	98-82-8		mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0013	U
p-Isopropyltoluene	99-87-6		mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0013	U
Naphthalene	91-20-3	12	mg/kg	U	0.0049	U	0.0051	U	0.0044	U	0.0045	U	0.0047	U	0.0051	U
Acrylonitrile	107-13-1		mg/kg	U	0.0049	U	0.0051	U	0.0044	U	0.0045	U	0.0047	U	0.0051	U
n-Propylbenzene	103-65-1	3.9	mg/kg	U	0.0012	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0013	U
1,2,3-Trichlorobenzene	87-61-6		mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0022	U	0.0023	U	0.0025	U
1,2,4-Trichlorobenzene	120-82-1		mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0022	U	0.0023	U	0.0025	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0022	U	0.0023	U	0.0025	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0006	J	0.0023	U	0.0025	U
1,4-Dioxane	123-91-1	0.1	mg/kg	U	0.098	U	0.1	U	0.089	U	0.09	U	0.093	U	0.1	U
p-Diethylbenzene	105-05-5		mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.001	J	0.0023	U	0.0025	U
p-Ethyltoluene	622-96-8		mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0022	U	0.0023	U	0.0025	U
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.00058	J	0.00034	J	0.0025	U

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION					RA-45 (4-4.5)		RA-48B (20-20.5)		RA-49A (16.5-17)		RA-52B (19-19.5)		DUP-1 20220331 - RA-51B(19-19.5)		RA-53 (24-24.5)	
SAMPLING DATE					5/19/2022		4/4/2022		4/4/2022		3/31/2022		3/31/2022		3/30/2022	
LAB SAMPLE ID					L2226807-25		L2217211-02		L2217211-01		L2216733-01		L2216733-03		L2216407-03	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																
	CasNum	NY-UNRE	Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035																
Ethyl ether	60-29-7		mg/kg	U	0.0024	U	0.0026	U	0.0022	U	0.0022	U	0.0023	U	0.0025	U
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	U	0.0061	U	0.0064	U	0.0055	U	0.0056	U	0.0058	U	0.0064	U

Qualifiers:

U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-53B (20-20.5)		RA-55 (3-3.5)		RA-55 (4-4.5)		RA-55 (5.5-6)		RA-56 (3.5-4)		RA-56 (4.5-5)		RA-59 (12.5-13)	
SAMPLING DATE				3/31/2022		5/19/2022		5/19/2022		2071061-01		5/19/2022		5/19/2022		4/4/2022	
LAB SAMPLE ID				L2216733-02		L2226807-03		L2226807-04		44763		L2226807-27		L2226807-28		L2217211-03	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																	
Solids, Total	NONE		%	95.9		85.8		88.4				84.3		75.4		81.8	
Cyanide, Total	57-12-5	27	mg/kg	0.98	U	1.1	U	-		-		1.1	U	-	-	-	-
Organochlorine Pesticides by GC																	
Delta-BHC	319-86-8	0.04	mg/kg	0.00158	U	0.00181	U	-		-		0.00183	U	-	-	-	-
Lindane	58-89-9	0.1	mg/kg	0.00066	U	0.000754	U	-		-		0.000762	U	-	-	-	-
Alpha-BHC	319-84-6	0.02	mg/kg	0.00066	U	0.000754	U	-		-		0.000762	U	-	-	-	-
Beta-BHC	319-85-7	0.036	mg/kg	0.00158	U	0.00181	U	-		-		0.00183	U	-	-	-	-
Heptachlor	76-44-8	0.042	mg/kg	0.000792	U	0.000905	U	-		-		0.000915	U	-	-	-	-
Aldrin	309-00-2	0.005	mg/kg	0.00158	U	0.00181	U	-		-		0.00183	U	-	-	-	-
Heptachlor epoxide	1024-57-3		mg/kg	0.00297	U	0.00339	U	-		-		0.00343	U	-	-	-	-
Endrin	72-20-8	0.014	mg/kg	0.00066	U	0.000754	U	-		-		0.000762	U	-	-	-	-
Endrin aldehyde	7421-93-4		mg/kg	0.00198	U	0.00226	U	-		-		0.00229	U	-	-	-	-
Endrin ketone	53494-70-5		mg/kg	0.00158	U	0.00181	U	-		-		0.00183	U	-	-	-	-
Dieldrin	60-57-1	0.005	mg/kg	0.00099	U	0.00113	U	-		-		0.00114	U	-	-	-	-
4,4'-DDE	72-55-9	0.0033	mg/kg	0.00158	U	0.0117		0.0109		0.000745	U	0.00183	U	-	-	-	-
4,4'-DDD	72-54-8	0.0033	mg/kg	0.00158	U	0.00234		-		-		0.00183	U	-	-	-	-
4,4'-DDT	50-29-3	0.0033	mg/kg	0.00297	U	0.0234		0.0231		0.000961	U	0.00343	U	-	-	-	-
Endosulfan I	959-98-8	2.4	mg/kg	0.00158	U	0.00181	U	-		-		0.00183	U	-	-	-	-
Endosulfan II	33213-65-9	2.4	mg/kg	0.00158	U	0.00181	U	-		-		0.00183	U	-	-	-	-
Endosulfan sulfate	1031-07-8	2.4	mg/kg	0.00066	U	0.000754	U	-		-		0.000762	U	-	-	-	-
Methoxychlor	72-43-5		mg/kg	0.00297	U	0.00339	U	-		-		0.00343	U	-	-	-	-
Toxaphene	8001-35-2		mg/kg	0.0297	U	0.0339	U	-		-		0.0343	U	-	-	-	-
cis-Chlordane	5103-71-9	0.094	mg/kg	0.00198	U	0.00187	JIP	-		-		0.00229	U	-	-	-	-
trans-Chlordane	5103-74-2		mg/kg	0.00198	U	0.00205	JIP	-		-		0.00229	U	-	-	-	-
Chlordane	57-74-9		mg/kg	0.0132	U	0.0151	U	-		-		0.0152	U	-	-	-	-
Polychlorinated Biphenyls by GC																	
Aroclor 1016	12674-11-2	0.1	mg/kg	0.0336	U	0.0377	U	-		-		0.0375	U	-	-	-	-
Aroclor 1221	11104-28-2	0.1	mg/kg	0.0336	U	0.0377	U	-		-		0.0375	U	-	-	-	-
Aroclor 1232	11141-16-5	0.1	mg/kg	0.0336	U	0.0377	U	-		-		0.0375	U	-	-	-	-
Aroclor 1242	53469-21-9	0.1	mg/kg	0.0336	U	0.0377	U	-		-		0.0375	U	-	-	0.04	U
Aroclor 1248	12672-29-6	0.1	mg/kg	0.0336	U	0.0377	U	-		-		0.0375	U	-	-	-	-
Aroclor 1254	11097-69-1	0.1	mg/kg	0.0336	U	0.0377	U	-		-		0.0375	U	-	-	-	-
Aroclor 1260	11096-82-5	0.1	mg/kg	0.0336	U	0.0214	J	-		-		0.00844	J	-	-	-	-
Aroclor 1262	37324-23-5	0.1	mg/kg	0.0336	U	0.0377	U	-		-		0.0375	U	-	-	-	-
Aroclor 1268	11100-14-4	0.1	mg/kg	0.0336	U	0.0377	U	-		-		0.0375	U	-	-	-	-
PCBs, Total	1336-36-3	0.1	mg/kg	0.0336	U	0.0214	J	-		-		0.00844	J	-	-	-	-
Semivolatile Organics by GC/MS																	
Acenaphthene	83-32-9	20	mg/kg	0.14	U	0.056	J	-		-		0.15	U	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
Hexachlorobenzene	118-74-1	0.33	mg/kg	0.1	U	0.12	U	-		-		0.12	U	-	-	-	-
Bis(2-chloroethyl)ether	111-44-4		mg/kg	0.15	U	0.17	U	-		-		0.17	U	-	-	-	-
2-Chloronaphthalene	91-58-7		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-53B (20-20.5)		RA-55 (3-3.5)		RA-55 (4-4.5)		RA-55 (5.5-6)		RA-56 (3.5-4)		RA-56 (4.5-5)		RA-59 (12.5-13)	
SAMPLING DATE				3/31/2022		5/19/2022		5/19/2022		2071061-01		5/19/2022		5/19/2022		4/4/2022	
LAB SAMPLE ID				L2216733-02		L2226807-03		L2226807-04		44763		L2226807-27		L2226807-28		L2217211-03	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																	
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
3,3'-Dichlorobenzidine	91-94-1		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
2,4-Dinitrotoluene	121-14-2		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
2,6-Dinitrotoluene	606-20-2		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
Fluoranthene	206-44-0	100	mg/kg	0.1	U	5.8		-		-		0.28		-	-	-	-
4-Chlorophenyl phenyl ether	7005-72-3		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
4-Bromophenyl phenyl ether	101-55-3		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
Bis(2-chloroisopropyl)ether	108-60-1		mg/kg	0.2	U	0.23	U	-		-		0.23	U	-	-	-	-
Bis(2-chloroethoxy)methane	111-91-1		mg/kg	0.18	U	0.21	U	-		-		0.21	U	-	-	-	-
Hexachlorobutadiene	87-68-3		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
Hexachlorocyclopentadiene	77-47-4		mg/kg	0.49	U	0.55	U	-		-		0.55	U	-	-	-	-
Hexachloroethane	67-72-1		mg/kg	0.14	U	0.15	U	-		-		0.15	U	-	-	-	-
Isophorone	78-59-1		mg/kg	0.15	U	0.17	U	-		-		0.17	U	-	-	-	-
Naphthalene	91-20-3	12	mg/kg	0.17	U	0.033	J	-		-		0.19	U	-	-	-	-
Nitrobenzene	98-95-3		mg/kg	0.15	U	0.17	U	-		-		0.17	U	-	-	-	-
NDPA/DPA	86-30-6		mg/kg	0.14	U	0.15	U	-		-		0.15	U	-	-	-	-
n-Nitrosodi-n-propylamine	621-64-7		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
Bis(2-ethylhexyl)phthalate	117-81-7		mg/kg	0.17	U	0.099	J	-		-		0.073	J	-	-	-	-
Butyl benzyl phthalate	85-68-7		mg/kg	0.17	U	0.15	J	-		-		0.19	U	-	-	-	-
Di-n-butylphthalate	84-74-2		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
Di-n-octylphthalate	117-84-0		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
Diethyl phthalate	84-66-2		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
Dimethyl phthalate	131-11-3		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
Benzo(a)anthracene	56-55-3	1	mg/kg	0.1	U	3		0.66				0.14		-	-	0.12	U
Benzo(a)pyrene	50-32-8	1	mg/kg	0.14	U	3.2		0.72				0.15		-	-	0.16	U
Benzo(b)fluoranthene	205-99-2	1	mg/kg	0.1	U	3.7		0.85				0.2		-	-	0.12	U
Benzo(k)fluoranthene	207-08-9	0.8	mg/kg	0.1	U	1.2		0.29				0.07	J	-	-	0.12	U
Chrysene	218-01-9	1	mg/kg	0.1	U	2.7		0.6				0.16		-	-	0.12	U
Acenaphthylene	208-96-8	100	mg/kg	0.14	U	0.22		-		-		0.15	U	-	-	-	-
Anthracene	120-12-7	100	mg/kg	0.1	U	0.56		-		-		0.12	U	-	-	-	-
Benzo(ghi)perylene	191-24-2	100	mg/kg	0.14	U	1.8		-		-		0.087	J	-	-	-	-
Fluorene	86-73-7	30	mg/kg	0.17	U	0.091	J	-		-		0.19	U	-	-	-	-
Phenanthrene	85-01-8	100	mg/kg	0.1	U	1.5		-		-		0.12		-	-	-	-
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg	0.1	U	0.4		0.11				0.026	J	-	-	0.12	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	mg/kg	0.14	U	2.1		0.52		0.015	U	0.1	J	-	-	0.16	U
Pyrene	129-00-0	100	mg/kg	0.1	U	4.9		-		-		0.22		-	-	-	-
Biphenyl	92-52-4		mg/kg	0.39	U	0.44	U	-		-		0.44	U	-	-	-	-

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-53B (20-20.5)		RA-55 (3-3.5)		RA-55 (4-4.5)		RA-55 (5.5-6)		RA-56 (3.5-4)		RA-56 (4.5-5)		RA-59 (12.5-13)	
SAMPLING DATE				3/31/2022		5/19/2022		5/19/2022		2071061-01		5/19/2022		5/19/2022		4/4/2022	
LAB SAMPLE ID				L2216733-02		L2226807-03		L2226807-04		44763		L2226807-27		L2226807-28		L2217211-03	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																	
4-Chloroaniline	106-47-8		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
2-Nitroaniline	88-74-4		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
3-Nitroaniline	99-09-2		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
4-Nitroaniline	100-01-6		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
Dibenzofuran	132-64-9	7	mg/kg	0.17	U	0.034	J	-		-		0.19	U	-	-	-	-
2-Methylnaphthalene	91-57-6		mg/kg	0.2	U	0.23	U	-		-		0.23	U	-	-	-	-
1,2,4,5-Tetrachlorobenzene	95-94-3		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
Acetophenone	98-86-2		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
2,4,6-Trichlorophenol	88-06-2		mg/kg	0.1	U	0.12	U	-		-		0.12	U	-	-	-	-
p-Chloro-m-cresol	59-50-7		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
2-Chlorophenol	95-57-8		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
2,4-Dichlorophenol	120-83-2		mg/kg	0.15	U	0.17	U	-		-		0.17	U	-	-	-	-
2,4-Dimethylphenol	105-67-9		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
2-Nitrophenol	88-75-5		mg/kg	0.37	U	0.41	U	-		-		0.41	U	-	-	-	-
4-Nitrophenol	100-02-7		mg/kg	0.24	U	0.27	U	-		-		0.27	U	-	-	-	-
2,4-Dinitrophenol	51-28-5		mg/kg	0.82	U	0.92	U	-		-		0.92	U	-	-	-	-
4,6-Dinitro-o-cresol	534-52-1		mg/kg	0.45	U	0.5	U	-		-		0.5	U	-	-	-	-
Pentachlorophenol	87-86-5	0.8	mg/kg	0.14	U	0.15	U	-		-		0.15	U	-	-	-	-
Phenol	108-95-2	0.33	mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
2-Methylphenol	95-48-7	0.33	mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	0.25	U	0.28	U	-		-		0.28	U	-	-	-	-
2,4,5-Trichlorophenol	95-95-4		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
Benzoic Acid	65-85-0		mg/kg	0.56	U	0.62	U	-		-		0.62	U	-	-	-	-
Benzyl Alcohol	100-51-6		mg/kg	0.17	U	0.19	U	-		-		0.19	U	-	-	-	-
Carbazole	86-74-8		mg/kg	0.17	U	0.1	J	-		-		0.19	U	-	-	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	0.026	U	0.029	U	-		-		0.029	U	-	-	-	-
Total Metals																	
Aluminum, Total	7429-90-5		mg/kg	1680		5490		-		-		6260		-	-	-	-
Antimony, Total	7440-36-0		mg/kg	4.03	U	4.46	U	-		-		4.63	U	-	-	-	-
Arsenic, Total	7440-38-2	13	mg/kg	0.347	J	3.21		-		-		4.48		-	-	-	-
Barium, Total	7440-39-3	350	mg/kg	13.6		156		-		-		68.4		-	-	-	-
Beryllium, Total	7440-41-7	7.2	mg/kg	0.04	J	0.196	J	-		-		0.269	J	-	-	-	-
Cadmium, Total	7440-43-9	2.5	mg/kg	0.129	J	0.241	J	-		-		0.232	J	-	-	-	-
Calcium, Total	7440-70-2		mg/kg	17200		11900		-		-		7610		-	-	-	-
Chromium, Total	7440-47-3		mg/kg	4.67		11.2		-		-		12.5		-	-	-	-
Cobalt, Total	7440-48-4		mg/kg	2.67		4.43		-		-		5.09		-	-	-	-
Copper, Total	7440-50-8	50	mg/kg	6.02		20.7		-		-		40.5		-	-	-	-
Iron, Total	7439-89-6		mg/kg	4590		10000		-		-		11700		-	-	-	-
Lead, Total	7439-92-1	63	mg/kg	1.56	J	125		62.8				236		5.04		-	-
Magnesium, Total	7439-95-4		mg/kg	10700		5640		-		-		5250		-	-	-	-
Manganese, Total	7439-96-5	1600	mg/kg	68.8		352		-		-		242		-	-	-	-
Mercury, Total	7439-97-6	0.18	mg/kg	0.073	U	0.18		-		-		1.36		0.092	U	-	-
Nickel, Total	7440-02-0	30	mg/kg	3.43		8.54		-		-		8.86		-	-	-	-

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Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-53B (20-20.5)		RA-55 (3-3.5)		RA-55 (4-4.5)		RA-55 (5.5-6)		RA-56 (3.5-4)		RA-56 (4.5-5)		RA-59 (12.5-13)	
SAMPLING DATE				3/31/2022		5/19/2022		5/19/2022		2071061-01		5/19/2022		5/19/2022		4/4/2022	
LAB SAMPLE ID				L2216733-02		L2226807-03		L2226807-04		44763		L2226807-27		L2226807-28		L2217211-03	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals																	
Potassium, Total	7440-09-7		mg/kg	499		1100		-		-		764		-	-	-	-
Selenium, Total	7782-49-2	3.9	mg/kg	1.61	U	1.79	U	-		-		1.85	U	-	-	-	-
Silver, Total	7440-22-4	2	mg/kg	0.806	U	0.893	U	-		-		0.927	U	-	-	-	-
Sodium, Total	7440-23-5		mg/kg	98.5	J	398		-		-		170	J	-	-	-	-
Thallium, Total	7440-28-0		mg/kg	1.61	U	1.79	U	-		-		1.85	U	-	-	-	-
Vanadium, Total	7440-62-2		mg/kg	6.66		17.6		-		-		17.7		-	-	-	-
Zinc, Total	7440-66-6	109	mg/kg	11.4		122		66.9				144		20.4		-	-
Volatile Organics by EPA 5035																	
Methylene chloride	75-09-2	0.05	mg/kg	0.006	U	0.0056	U	-		-		0.0052	U	-	-	-	-
1,1-Dichloroethane	75-34-3	0.27	mg/kg	0.0012	U	0.0011	U	-		-		0.001	U	-	-	-	-
Chloroform	67-66-3	0.37	mg/kg	0.0018	U	0.0017	U	-		-		0.0016	U	-	-	-	-
Carbon tetrachloride	56-23-5	0.76	mg/kg	0.0012	U	0.0011	U	-		-		0.001	U	-	-	-	-
1,2-Dichloropropane	78-87-5		mg/kg	0.0012	U	0.0011	U	-		-		0.001	U	-	-	-	-
Dibromochloromethane	124-48-1		mg/kg	0.0012	U	0.0011	U	-		-		0.001	U	-	-	-	-
1,1,2-Trichloroethane	79-00-5		mg/kg	0.0012	U	0.0011	U	-		-		0.001	U	-	-	-	-
Tetrachloroethene	127-18-4	1.3	mg/kg	0.0006	U	0.00056	U	-		-		0.00052	U	-	-	-	-
Chlorobenzene	108-90-7	1.1	mg/kg	0.0006	U	0.00056	U	-		-		0.00052	U	-	-	-	-
Trichlorofluoromethane	75-69-4		mg/kg	0.0048	U	0.0044	U	-		-		0.0042	U	-	-	-	-
1,2-Dichloroethane	107-06-2	0.02	mg/kg	0.0012	U	0.0011	U	-		-		0.001	U	-	-	-	-
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	0.0006	U	0.00056	U	-		-		0.00052	U	-	-	-	-
Bromodichloromethane	75-27-4		mg/kg	0.0006	U	0.00056	U	-		-		0.00052	U	-	-	-	-
trans-1,3-Dichloropropene	10061-02-6		mg/kg	0.0012	U	0.0011	U	-		-		0.001	U	-	-	-	-
cis-1,3-Dichloropropene	10061-01-5		mg/kg	0.0006	U	0.00056	U	-		-		0.00052	U	-	-	-	-
1,3-Dichloropropene, Total	542-75-6		mg/kg	0.0006	U	0.00056	U	-		-		0.00052	U	-	-	-	-
1,1-Dichloropropene	563-58-6		mg/kg	0.0006	U	0.00056	U	-		-		0.00052	U	-	-	-	-
Bromoform	75-25-2		mg/kg	0.0048	U	0.0044	U	-		-		0.0042	U	-	-	-	-
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	0.0006	U	0.00056	U	-		-		0.00052	U	-	-	-	-
Benzene	71-43-2	0.06	mg/kg	0.0006	U	0.00056	U	-		-		0.00052	U	-	-	-	-
Toluene	108-88-3	0.7	mg/kg	0.0012	U	0.0011	U	-		-		0.001	U	-	-	-	-
Ethylbenzene	100-41-4	1	mg/kg	0.0012	U	0.0011	U	-		-		0.001	U	-	-	-	-
Chloromethane	74-87-3		mg/kg	0.0048	U	0.0044	U	-		-		0.0042	U	-	-	-	-
Bromomethane	74-83-9		mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
Vinyl chloride	75-01-4	0.02	mg/kg	0.0012	U	0.0011	U	-		-		0.001	U	-	-	-	-
Chloroethane	75-00-3		mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
1,1-Dichloroethene	75-35-4	0.33	mg/kg	0.0012	U	0.0011	U	-		-		0.001	U	-	-	-	-
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.0018	U	0.0017	U	-		-		0.0016	U	-	-	-	-
Trichloroethene	79-01-6	0.47	mg/kg	0.0006	U	0.00056	U	-		-		0.00052	U	-	-	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-53B (20-20.5)		RA-55 (3-3.5)		RA-55 (4-4.5)		RA-55 (5.5-6)		RA-56 (3.5-4)		RA-56 (4.5-5)		RA-59 (12.5-13)	
SAMPLING DATE				3/31/2022		5/19/2022		5/19/2022		2071061-01		5/19/2022		5/19/2022		4/4/2022	
LAB SAMPLE ID				L2216733-02		L2226807-03		L2226807-04		44763		L2226807-27		L2226807-28		L2217211-03	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035																	
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
p/m-Xylene	179601-23-1		mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
o-Xylene	95-47-6		mg/kg	0.0012	U	0.0011	U	-		-		0.001	U	-	-	-	-
Xylenes, Total	1330-20-7	0.26	mg/kg	0.0012	U	0.0011	U	-		-		0.001	U	-	-	-	-
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	0.0012	U	0.0011	U	-		-		0.001	U	-	-	-	-
1,2-Dichloroethene, Total	540-59-0		mg/kg	0.0012	U	0.0011	U	-		-		0.001	U	-	-	-	-
Dibromomethane	74-95-3		mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
Styrene	100-42-5		mg/kg	0.00045	J	0.0011	U	-		-		0.001	U	-	-	-	-
Dichlorodifluoromethane	75-71-8		mg/kg	0.012	U	0.011	U	-		-		0.01	U	-	-	-	-
Acetone	67-64-1	0.05	mg/kg	0.012	U	0.011	U	-		-		0.01	U	-	-	-	-
Carbon disulfide	75-15-0		mg/kg	0.012	U	0.011	U	-		-		0.01	U	-	-	-	-
2-Butanone	78-93-3	0.12	mg/kg	0.012	U	0.011	U	-		-		0.01	U	-	-	-	-
Vinyl acetate	108-05-4		mg/kg	0.012	U	0.011	U	-		-		0.01	U	-	-	-	-
4-Methyl-2-pentanone	108-10-1		mg/kg	0.012	U	0.011	U	-		-		0.01	U	-	-	-	-
1,2,3-Trichloropropane	96-18-4		mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
2-Hexanone	591-78-6		mg/kg	0.012	U	0.011	U	-		-		0.01	U	-	-	-	-
Bromochloromethane	74-97-5		mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
2,2-Dichloropropane	594-20-7		mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
1,2-Dibromoethane	106-93-4		mg/kg	0.0012	U	0.0011	U	-		-		0.001	U	-	-	-	-
1,3-Dichloropropane	142-28-9		mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	0.0006	U	0.00056	U	-		-		0.00052	U	-	-	-	-
Bromobenzene	108-86-1		mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
n-Butylbenzene	104-51-8	12	mg/kg	0.0012	U	0.0011	U	-		-		0.001	U	-	-	-	-
sec-Butylbenzene	135-98-8	11	mg/kg	0.0012	U	0.0011	U	-		-		0.001	U	-	-	-	-
tert-Butylbenzene	98-06-6	5.9	mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
o-Chlorotoluene	95-49-8		mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
p-Chlorotoluene	106-43-4		mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	0.0036	U	0.0033	U	-		-		0.0032	U	-	-	-	-
Hexachlorobutadiene	87-68-3		mg/kg	0.0048	U	0.0044	U	-		-		0.0042	U	-	-	-	-
Isopropylbenzene	98-82-8		mg/kg	0.0012	U	0.0011	U	-		-		0.001	U	-	-	-	-
p-Isopropyltoluene	99-87-6		mg/kg	0.0012	U	0.0011	U	-		-		0.001	U	-	-	-	-
Naphthalene	91-20-3	12	mg/kg	0.0048	U	0.0044	U	-		-		0.0042	U	-	-	-	-
Acrylonitrile	107-13-1		mg/kg	0.0048	U	0.0044	U	-		-		0.0042	U	-	-	-	-
n-Propylbenzene	103-65-1	3.9	mg/kg	0.0012	U	0.0011	U	-		-		0.001	U	-	-	-	-
1,2,3-Trichlorobenzene	87-61-6		mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1		mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	0.096	U	0.089	U	-		-		0.084	U	-	-	-	-
p-Diethylbenzene	105-05-5		mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
p-Ethyltoluene	622-96-8		mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-53B (20-20.5)		RA-55 (3-3.5)		RA-55 (4-4.5)		RA-55 (5.5-6)		RA-56 (3.5-4)		RA-56 (4.5-5)		RA-59 (12.5-13)	
SAMPLING DATE				3/31/2022		5/19/2022		5/19/2022		2071061-01		5/19/2022		5/19/2022		4/4/2022	
LAB SAMPLE ID				L2216733-02		L2226807-03		L2226807-04		44763		L2226807-27		L2226807-28		L2217211-03	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035																	
Ethyl ether	60-29-7		mg/kg	0.0024	U	0.0022	U	-		-		0.0021	U	-	-	-	-
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	0.006	U	0.0056	U	-		-		0.0052	U	-	-	-	-

Qualifiers:

U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-59AI (9.5-10)		RA-66 (5-5.5)		RA-66 (6-6.5)		RA-66 (7.5-8)		RA-67 (3-3.5)		RA-67 (4-4.5)		RA-68 (7-7.5)	
SAMPLING DATE				4/4/2022		5/19/2022		5/19/2022		07/21/2022		5/19/2022		5/19/2022		5/19/2022	
LAB SAMPLE ID				L2217211-04		L2226807-11		L2226807-12		2071061-02		L2226807-13		L2226807-14		L2226807-15	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																	
Solids, Total	NONE		%	78.6		89.1		85.7				89.9		83.7		94.8	
Cyanide, Total	57-12-5	27	mg/kg	-	-	1.1	U	-	-			1.1	U	-	-	0.97	U
Organochlorine Pesticides by GC																	
Delta-BHC	319-86-8	0.04	mg/kg	-	-	0.00173	U	-	-			0.0017	U	-	-	0.00158	U
Lindane	58-89-9	0.1	mg/kg	-	-	0.000722	U	-	-			0.00071	U	-	-	0.00066	U
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	0.000722	U	-	-			0.00071	U	-	-	0.00066	U
Beta-BHC	319-85-7	0.036	mg/kg	-	-	0.00173	U	-	-			0.0017	U	-	-	0.00158	U
Heptachlor	76-44-8	0.042	mg/kg	-	-	0.000867	U	-	-			0.000852	U	-	-	0.000792	U
Aldrin	309-00-2	0.005	mg/kg	-	-	0.00173	U	-	-			0.0017	U	-	-	0.00158	U
Heptachlor epoxide	1024-57-3		mg/kg	-	-	0.00126	JIP	-	-			0.0032	U	-	-	0.00297	U
Endrin	72-20-8	0.014	mg/kg	-	-	0.000722	U	-	-			0.00071	U	-	-	0.00066	U
Endrin aldehyde	7421-93-4		mg/kg	-	-	0.00217	U	-	-			0.00213	U	-	-	0.00198	U
Endrin ketone	53494-70-5		mg/kg	-	-	0.00173	U	-	-			0.0017	U	-	-	0.00158	U
Dieldrin	60-57-1	0.005	mg/kg	-	-	0.00108	U	-	-			0.00106	U	-	-	0.00099	U
4,4'-DDE	72-55-9	0.0033	mg/kg	-	-	0.00844		0.0103		0.000854	U	0.00457		0.00188	U	0.00158	U
4,4'-DDD	72-54-8	0.0033	mg/kg	-	-	0.00268		-	-			0.0017	U	-	-	0.00158	U
4,4'-DDT	50-29-3	0.0033	mg/kg	-	-	0.0391		0.0244		0.0012	J	0.00408		0.00352	U	0.00297	U
Endosulfan I	959-98-8	2.4	mg/kg	-	-	0.00173	U	-	-			0.0017	U	-	-	0.00158	U
Endosulfan II	33213-65-9	2.4	mg/kg	-	-	0.00173	U	-	-			0.0017	U	-	-	0.00158	U
Endosulfan sulfate	1031-07-8	2.4	mg/kg	-	-	0.000722	U	-	-			0.00071	U	-	-	0.00066	U
Methoxychlor	72-43-5		mg/kg	-	-	0.00325	U	-	-			0.0032	U	-	-	0.00297	U
Toxaphene	8001-35-2		mg/kg	-	-	0.0325	U	-	-			0.032	U	-	-	0.0297	U
cis-Chlordane	5103-71-9	0.094	mg/kg	-	-	0.00162	JIP	-	-			0.00209	JIP	-	-	0.00198	U
trans-Chlordane	5103-74-2		mg/kg	-	-	0.00486		-	-			0.0018	JIP	-	-	0.00198	U
Chlordane	57-74-9		mg/kg	-	-	0.0144	U	-	-			0.0142	U	-	-	0.0132	U
Polychlorinated Biphenyls by GC																	
Aroclor 1016	12674-11-2	0.1	mg/kg	-	-	0.0363	U	-	-			0.0366	U	-	-	0.033	U
Aroclor 1221	11104-28-2	0.1	mg/kg	-	-	0.0363	U	-	-			0.0366	U	-	-	0.033	U
Aroclor 1232	11141-16-5	0.1	mg/kg	-	-	0.0363	U	-	-			0.0366	U	-	-	0.033	U
Aroclor 1242	53469-21-9	0.1	mg/kg	-	-	0.0363	U	-	-			0.0366	U	-	-	0.033	U
Aroclor 1248	12672-29-6	0.1	mg/kg	-	-	0.0363	U	-	-			0.0366	U	-	-	0.033	U
Aroclor 1254	11097-69-1	0.1	mg/kg	-	-	0.0342	J	-	-			0.0366	U	-	-	0.033	U
Aroclor 1260	11096-82-5	0.1	mg/kg	-	-	0.027	J	-	-			0.0366	U	-	-	0.033	U
Aroclor 1262	37324-23-5	0.1	mg/kg	-	-	0.0363	U	-	-			0.0366	U	-	-	0.033	U
Aroclor 1268	11100-14-4	0.1	mg/kg	-	-	0.0363	U	-	-			0.0366	U	-	-	0.033	U
PCBs, Total	1336-36-3	0.1	mg/kg	-	-	0.0612	J	-	-			0.0366	U	-	-	0.033	U
Semivolatile Organics by GC/MS																	
Acenaphthene	83-32-9	20	mg/kg	-	-	0.025	J	-	-			0.15	U	-	-	0.14	U
1,2,4-Trichlorobenzene	120-82-1		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
Hexachlorobenzene	118-74-1	0.33	mg/kg	-	-	0.11	U	-	-			0.11	U	-	-	0.1	U
Bis(2-chloroethyl)ether	111-44-4		mg/kg	-	-	0.16	U	-	-			0.16	U	-	-	0.15	U
2-Chloronaphthalene	91-58-7		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U

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Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-59AI (9.5-10)		RA-66 (5-5.5)		RA-66 (6-6.5)		RA-66 (7.5-8)		RA-67 (3-3.5)		RA-67 (4-4.5)		RA-68 (7-7.5)	
SAMPLING DATE				4/4/2022		5/19/2022		5/19/2022		07/21/2022		5/19/2022		5/19/2022		5/19/2022	
LAB SAMPLE ID				L2217211-04		L2226807-11		L2226807-12		2071061-02		L2226807-13		L2226807-14		L2226807-15	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																	
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
3,3'-Dichlorobenzidine	91-94-1		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
2,4-Dinitrotoluene	121-14-2		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
2,6-Dinitrotoluene	606-20-2		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
Fluoranthene	206-44-0	100	mg/kg	-	-	1.3		-	-			0.26		-	-	0.27	
4-Chlorophenyl phenyl ether	7005-72-3		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
4-Bromophenyl phenyl ether	101-55-3		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
Bis(2-chloroisopropyl)ether	108-60-1		mg/kg	-	-	0.22	U	-	-			0.22	U	-	-	0.21	U
Bis(2-chloroethoxy)methane	111-91-1		mg/kg	-	-	0.2	U	-	-			0.2	U	-	-	0.18	U
Hexachlorobutadiene	87-68-3		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
Hexachlorocyclopentadiene	77-47-4		mg/kg	-	-	0.52	U	-	-			0.52	U	-	-	0.49	U
Hexachloroethane	67-72-1		mg/kg	-	-	0.15	U	-	-			0.15	U	-	-	0.14	U
Isophorone	78-59-1		mg/kg	-	-	0.16	U	-	-			0.16	U	-	-	0.15	U
Naphthalene	91-20-3	12	mg/kg	-	-	0.08	J	-	-			0.18	U	-	-	0.17	U
Nitrobenzene	98-95-3		mg/kg	-	-	0.16	U	-	-			0.16	U	-	-	0.15	U
NDPA/DPA	86-30-6		mg/kg	-	-	0.15	U	-	-			0.15	U	-	-	0.14	U
n-Nitrosodi-n-propylamine	621-64-7		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
Bis(2-ethylhexyl)phthalate	117-81-7		mg/kg	-	-	0.097	J	-	-			0.12	J	-	-	0.06	J
Butyl benzyl phthalate	85-68-7		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
Di-n-butylphthalate	84-74-2		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
Di-n-octylphthalate	117-84-0		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.072	J
Diethyl phthalate	84-66-2		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
Dimethyl phthalate	131-11-3		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
Benzo(a)anthracene	56-55-3	1	mg/kg	0.12	U	0.81		-	-			0.14		-	-	0.16	
Benzo(a)pyrene	50-32-8	1	mg/kg	0.16	U	0.98		-	-			0.14	J	-	-	0.18	
Benzo(b)fluoranthene	205-99-2	1	mg/kg	0.12	U	1.2		0.9				0.18		-	-	0.25	
Benzo(k)fluoranthene	207-08-9	0.8	mg/kg	0.12	U	0.38		-	-			0.051	J	-	-	0.076	J
Chrysene	218-01-9	1	mg/kg	0.12	U	0.72		-	-			0.14		-	-	0.16	
Acenaphthylene	208-96-8	100	mg/kg	-	-	0.097	J	-	-			0.15	U	-	-	0.14	U
Anthracene	120-12-7	100	mg/kg	-	-	0.12		-	-			0.11	U	-	-	0.1	U
Benzo(ghi)perylene	191-24-2	100	mg/kg	-	-	0.59		-	-			0.078	J	-	-	0.1	J
Fluorene	86-73-7	30	mg/kg	-	-	0.026	J	-	-			0.18	U	-	-	0.17	U
Phenanthrene	85-01-8	100	mg/kg	-	-	0.31		-	-			0.16		-	-	0.071	J
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg	0.12	U	0.15		-	-			0.023	J	-	-	0.033	J
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	mg/kg	0.16	U	0.68		0.54		0.0172	U	0.092	J	-	-	0.13	J
Pyrene	129-00-0	100	mg/kg	-	-	1.1		-	-			0.21		-	-	0.25	
Biphenyl	92-52-4		mg/kg	-	-	0.42	U	-	-			0.42	U	-	-	0.39	U

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-59AI (9.5-10)		RA-66 (5-5.5)		RA-66 (6-6.5)		RA-66 (7.5-8)		RA-67 (3-3.5)		RA-67 (4-4.5)		RA-68 (7-7.5)	
SAMPLING DATE				4/4/2022		5/19/2022		5/19/2022		07/21/2022		5/19/2022		5/19/2022		5/19/2022	
LAB SAMPLE ID				L2217211-04		L2226807-11		L2226807-12		2071061-02		L2226807-13		L2226807-14		L2226807-15	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																	
4-Chloroaniline	106-47-8		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
2-Nitroaniline	88-74-4		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
3-Nitroaniline	99-09-2		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
4-Nitroaniline	100-01-6		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
Dibenzofuran	132-64-9	7	mg/kg	-	-	0.028	J	-	-			0.18	U	-	-	0.17	U
2-Methylnaphthalene	91-57-6		mg/kg	-	-	0.023	J	-	-			0.22	U	-	-	0.21	U
1,2,4,5-Tetrachlorobenzene	95-94-3		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
Acetophenone	98-86-2		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
2,4,6-Trichlorophenol	88-06-2		mg/kg	-	-	0.11	U	-	-			0.11	U	-	-	0.1	U
p-Chloro-m-cresol	59-50-7		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
2-Chlorophenol	95-57-8		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
2,4-Dichlorophenol	120-83-2		mg/kg	-	-	0.16	U	-	-			0.16	U	-	-	0.15	U
2,4-Dimethylphenol	105-67-9		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
2-Nitrophenol	88-75-5		mg/kg	-	-	0.39	U	-	-			0.4	U	-	-	0.37	U
4-Nitrophenol	100-02-7		mg/kg	-	-	0.26	U	-	-			0.26	U	-	-	0.24	U
2,4-Dinitrophenol	51-28-5		mg/kg	-	-	0.88	U	-	-			0.88	U	-	-	0.83	U
4,6-Dinitro-o-cresol	534-52-1		mg/kg	-	-	0.47	U	-	-			0.48	U	-	-	0.45	U
Pentachlorophenol	87-86-5	0.8	mg/kg	-	-	0.15	U	-	-			0.15	U	-	-	0.14	U
Phenol	108-95-2	0.33	mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
2-Methylphenol	95-48-7	0.33	mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	-	-	0.26	U	-	-			0.26	U	-	-	0.25	U
2,4,5-Trichlorophenol	95-95-4		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
Benzoic Acid	65-85-0		mg/kg	-	-	0.59	U	-	-			0.59	U	-	-	0.56	U
Benzyl Alcohol	100-51-6		mg/kg	-	-	0.18	U	-	-			0.18	U	-	-	0.17	U
Carbazole	86-74-8		mg/kg	-	-	0.047	J	-	-			0.018	J	-	-	0.17	U
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	0.027	U	-	-			0.027	U	-	-	0.026	U
Total Metals																	
Aluminum, Total	7429-90-5		mg/kg	-	-	5740		-	-			8150		-	-	4360	
Antimony, Total	7440-36-0		mg/kg	-	-	4.33	U	-	-			4.29	U	-	-	4.18	U
Arsenic, Total	7440-38-2	13	mg/kg	-	-	2.86		-	-			3.64		-	-	1.03	
Barium, Total	7440-39-3	350	mg/kg	-	-	62		-	-			67.2		-	-	32.2	
Beryllium, Total	7440-41-7	7.2	mg/kg	-	-	0.199	J	-	-			0.318	J	-	-	0.117	J
Cadmium, Total	7440-43-9	2.5	mg/kg	-	-	0.277	J	-	-			0.12	J	-	-	0.092	J
Calcium, Total	7440-70-2		mg/kg	-	-	8150		-	-			3490		-	-	14100	
Chromium, Total	7440-47-3		mg/kg	-	-	12.7		-	-			12.7		-	-	11.3	
Cobalt, Total	7440-48-4		mg/kg	-	-	4.71		-	-			5.27		-	-	5.12	
Copper, Total	7440-50-8	50	mg/kg	-	-	28.9		-	-			17		-	-	14.8	
Iron, Total	7439-89-6		mg/kg	-	-	10400		-	-			12000		-	-	10100	
Lead, Total	7439-92-1	63	mg/kg	-	-	57.3		-	-			71		5.43		21.4	
Magnesium, Total	7439-95-4		mg/kg	-	-	4510		-	-			3580		-	-	9530	
Manganese, Total	7439-96-5	1600	mg/kg	-	-	185		-	-			263		-	-	140	
Mercury, Total	7439-97-6	0.18	mg/kg	-	-	0.142		-	-			0.167		-	-	0.067	U
Nickel, Total	7440-02-0	30	mg/kg	-	-	8.47		-	-			9.09		-	-	8.21	

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Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-59AI (9.5-10)		RA-66 (5-5.5)		RA-66 (6-6.5)		RA-66 (7.5-8)		RA-67 (3-3.5)		RA-67 (4-4.5)		RA-68 (7-7.5)	
SAMPLING DATE				4/4/2022		5/19/2022		5/19/2022		07/21/2022		5/19/2022		5/19/2022		5/19/2022	
LAB SAMPLE ID				L2217211-04		L2226807-11		L2226807-12		2071061-02		L2226807-13		L2226807-14		L2226807-15	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals																	
Potassium, Total	7440-09-7		mg/kg	-	-	1120		-	-			636		-	-	1330	
Selenium, Total	7782-49-2	3.9	mg/kg	-	-	1.73	U	-	-			1.72	U	-	-	1.67	U
Silver, Total	7440-22-4	2	mg/kg	-	-	0.867	U	-	-			0.859	U	-	-	0.835	U
Sodium, Total	7440-23-5		mg/kg	-	-	96.8	J	-	-			168	J	-	-	233	
Thallium, Total	7440-28-0		mg/kg	-	-	1.73	U	-	-			1.72	U	-	-	1.67	U
Vanadium, Total	7440-62-2		mg/kg	-	-	18.1		-	-			20.6		-	-	15.8	
Zinc, Total	7440-66-6	109	mg/kg	-	-	98.7		-	-			74.6		-	-	36.4	
Volatile Organics by EPA 5035																	
Methylene chloride	75-09-2	0.05	mg/kg	-	-	0.005	U	-	-			0.0054	U	-	-	0.0052	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
Chloroform	67-66-3	0.37	mg/kg	-	-	0.0015	U	-	-			0.0016	U	-	-	0.0015	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
1,2-Dichloropropane	78-87-5		mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
Dibromochloromethane	124-48-1		mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
1,1,2-Trichloroethane	79-00-5		mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	0.0005	U	-	-			0.00054	U	-	-	0.00052	U
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	0.0005	U	-	-			0.00054	U	-	-	0.00052	U
Trichlorofluoromethane	75-69-4		mg/kg	-	-	0.004	U	-	-			0.0044	U	-	-	0.0041	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	0.0005	U	-	-			0.00054	U	-	-	0.00052	U
Bromodichloromethane	75-27-4		mg/kg	-	-	0.0005	U	-	-			0.00054	U	-	-	0.00052	U
trans-1,3-Dichloropropene	10061-02-6		mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
cis-1,3-Dichloropropene	10061-01-5		mg/kg	-	-	0.0005	U	-	-			0.00054	U	-	-	0.00052	U
1,3-Dichloropropene, Total	542-75-6		mg/kg	-	-	0.0005	U	-	-			0.00054	U	-	-	0.00052	U
1,1-Dichloropropene	563-58-6		mg/kg	-	-	0.0005	U	-	-			0.00054	U	-	-	0.00052	U
Bromoform	75-25-2		mg/kg	-	-	0.004	U	-	-			0.0044	U	-	-	0.0041	U
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	-	-	0.0005	U	-	-			0.00054	U	-	-	0.00052	U
Benzene	71-43-2	0.06	mg/kg	-	-	0.0005	U	-	-			0.00054	U	-	-	0.00052	U
Toluene	108-88-3	0.7	mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
Ethylbenzene	100-41-4	1	mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
Chloromethane	74-87-3		mg/kg	-	-	0.004	U	-	-			0.0044	U	-	-	0.0041	U
Bromomethane	74-83-9		mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
Chloroethane	75-00-3		mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	0.0015	U	-	-			0.0016	U	-	-	0.0015	U
Trichloroethene	79-01-6	0.47	mg/kg	-	-	0.0005	U	-	-			0.00054	U	-	-	0.00052	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-59AI (9.5-10)		RA-66 (5-5.5)		RA-66 (6-6.5)		RA-66 (7.5-8)		RA-67 (3-3.5)		RA-67 (4-4.5)		RA-68 (7-7.5)	
SAMPLING DATE				4/4/2022		5/19/2022		5/19/2022		07/21/2022		5/19/2022		5/19/2022		5/19/2022	
LAB SAMPLE ID				L2217211-04		L2226807-11		L2226807-12		2071061-02		L2226807-13		L2226807-14		L2226807-15	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035																	
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
p/m-Xylene	179601-23-1		mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
o-Xylene	95-47-6		mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
Xylenes, Total	1330-20-7	0.26	mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
1,2-Dichloroethene, Total	540-59-0		mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
Dibromomethane	74-95-3		mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
Styrene	100-42-5		mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
Dichlorodifluoromethane	75-71-8		mg/kg	-	-	0.01	U	-	-			0.011	U	-	-	0.01	U
Acetone	67-64-1	0.05	mg/kg	-	-	0.01	U	-	-			0.011	U	-	-	0.01	U
Carbon disulfide	75-15-0		mg/kg	-	-	0.01	U	-	-			0.011	U	-	-	0.01	U
2-Butanone	78-93-3	0.12	mg/kg	-	-	0.01	U	-	-			0.011	U	-	-	0.01	U
Vinyl acetate	108-05-4		mg/kg	-	-	0.01	U	-	-			0.011	U	-	-	0.01	U
4-Methyl-2-pentanone	108-10-1		mg/kg	-	-	0.01	U	-	-			0.011	U	-	-	0.01	U
1,2,3-Trichloropropane	96-18-4		mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
2-Hexanone	591-78-6		mg/kg	-	-	0.01	U	-	-			0.011	U	-	-	0.01	U
Bromochloromethane	74-97-5		mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
2,2-Dichloropropane	594-20-7		mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
1,2-Dibromoethane	106-93-4		mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
1,3-Dichloropropane	142-28-9		mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	-	-	0.0005	U	-	-			0.00054	U	-	-	0.00052	U
Bromobenzene	108-86-1		mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
n-Butylbenzene	104-51-8	12	mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
o-Chlorotoluene	95-49-8		mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
p-Chlorotoluene	106-43-4		mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	-	-	0.003	U	-	-			0.0033	U	-	-	0.0031	U
Hexachlorobutadiene	87-68-3		mg/kg	-	-	0.004	U	-	-			0.0044	U	-	-	0.0041	U
Isopropylbenzene	98-82-8		mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
p-Isopropyltoluene	99-87-6		mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
Naphthalene	91-20-3	12	mg/kg	-	-	0.004	U	-	-			0.0044	U	-	-	0.0041	U
Acrylonitrile	107-13-1		mg/kg	-	-	0.004	U	-	-			0.0044	U	-	-	0.0041	U
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	0.001	U	-	-			0.0011	U	-	-	0.001	U
1,2,3-Trichlorobenzene	87-61-6		mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
1,2,4-Trichlorobenzene	120-82-1		mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	0.08	U	-	-			0.087	U	-	-	0.082	U
p-Diethylbenzene	105-05-5		mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
p-Ethyltoluene	622-96-8		mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U

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Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-59AI (9.5-10)		RA-66 (5-5.5)		RA-66 (6-6.5)		RA-66 (7.5-8)		RA-67 (3-3.5)		RA-67 (4-4.5)		RA-68 (7-7.5)	
SAMPLING DATE				4/4/2022		5/19/2022		5/19/2022		07/21/2022		5/19/2022		5/19/2022		5/19/2022	
LAB SAMPLE ID				L2217211-04		L2226807-11		L2226807-12		2071061-02		L2226807-13		L2226807-14		L2226807-15	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035																	
Ethyl ether	60-29-7		mg/kg	-	-	0.002	U	-	-			0.0022	U	-	-	0.0021	U
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	-	-	0.005	U	-	-			0.0054	U	-	-	0.0052	U

Qualifiers:

U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-69 (3-3.5)		RA-70 (3-3.5)		RA-70 (4-4.5)		RA-70 (5.5-6)		RA-71 (5-5.5)		RA-71 (6-6.5)		RA-72 (5-5.5)	
SAMPLING DATE				5/19/2022		5/19/2022		5/19/2022		07/26/2022		6/8/2022		6/8/2022		6/8/2022	
LAB SAMPLE ID				L2226807-17		L2226807-19		L2226807-20		2071241-01		L2230163-01		L2230163-02		L2230163-03	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																	
Solids, Total	NONE		%	94.1		90		93.2				83.8		91.8		94.2	
Cyanide, Total	57-12-5	27	mg/kg	1	U	1.1	U	-	-			1.2	U	-	-	1	U
Organochlorine Pesticides by GC																	
Delta-BHC	319-86-8	0.04	mg/kg	0.00162	U	0.00172	U	-	-			0.00182	U	-	-	0.00161	U
Lindane	58-89-9	0.1	mg/kg	0.000673	U	0.000717	U	-	-			0.000758	U	-	-	0.000669	U
Alpha-BHC	319-84-6	0.02	mg/kg	0.000673	U	0.000717	U	-	-			0.000758	U	-	-	0.000669	U
Beta-BHC	319-85-7	0.036	mg/kg	0.00162	U	0.00172	U	-	-			0.00182	U	-	-	0.00161	U
Heptachlor	76-44-8	0.042	mg/kg	0.000808	U	0.00086	U	-	-			0.00091	U	-	-	0.000803	U
Aldrin	309-00-2	0.005	mg/kg	0.00162	U	0.00172	U	-	-			0.00182	U	-	-	0.00161	U
Heptachlor epoxide	1024-57-3		mg/kg	0.00303	U	0.00322	U	-	-			0.00341	U	-	-	0.00301	U
Endrin	72-20-8	0.014	mg/kg	0.000673	U	0.000717	U	-	-			0.000758	U	-	-	0.000669	U
Endrin aldehyde	7421-93-4		mg/kg	0.00202	U	0.00215	U	-	-			0.00227	U	-	-	0.00201	U
Endrin ketone	53494-70-5		mg/kg	0.00162	U	0.00172	U	-	-			0.00182	U	-	-	0.00161	U
Dieldrin	60-57-1	0.005	mg/kg	0.00101	U	0.00108	U	-	-			0.0019		-	-	0.001	U
4,4'-DDE	72-55-9	0.0033	mg/kg	0.00162	U	0.00172	U	-	-			0.000428	JIP	-	-	0.00161	U
4,4'-DDD	72-54-8	0.0033	mg/kg	0.00162	U	0.00172	U	-	-			0.00182	U	-	-	0.00161	U
4,4'-DDT	50-29-3	0.0033	mg/kg	0.00303	U	0.00322	U	-	-			0.00341	U	-	-	0.00301	U
Endosulfan I	959-98-8	2.4	mg/kg	0.00162	U	0.00172	U	-	-			0.00182	U	-	-	0.00161	U
Endosulfan II	33213-65-9	2.4	mg/kg	0.00162	U	0.00172	U	-	-			0.00182	U	-	-	0.00161	U
Endosulfan sulfate	1031-07-8	2.4	mg/kg	0.000673	U	0.000717	U	-	-			0.000758	U	-	-	0.000669	U
Methoxychlor	72-43-5		mg/kg	0.00303	U	0.00322	U	-	-			0.00341	U	-	-	0.00301	U
Toxaphene	8001-35-2		mg/kg	0.0303	U	0.0322	U	-	-			0.0341	U	-	-	0.0301	U
cis-Chlordane	5103-71-9	0.094	mg/kg	0.00202	U	0.00204	J	-	-			0.00123	J	-	-	0.00201	U
trans-Chlordane	5103-74-2		mg/kg	0.00202	U	0.0016	JIP	-	-			0.00137	J	-	-	0.00201	U
Chlordane	57-74-9		mg/kg	0.0135	U	0.0143	U	-	-			0.0152	U	-	-	0.0134	U
Polychlorinated Biphenyls by GC																	
Aroclor 1016	12674-11-2	0.1	mg/kg	0.034	U	0.0365	U	-	-			0.0377	U	-	-	0.0351	U
Aroclor 1221	11104-28-2	0.1	mg/kg	0.034	U	0.0365	U	-	-			0.0377	U	-	-	0.0351	U
Aroclor 1232	11141-16-5	0.1	mg/kg	0.034	U	0.0365	U	-	-			0.0377	U	-	-	0.0351	U
Aroclor 1242	53469-21-9	0.1	mg/kg	0.034	U	0.0365	U	-	-			0.0377	U	-	-	0.0351	U
Aroclor 1248	12672-29-6	0.1	mg/kg	0.034	U	0.0265	J	-	-			0.0377	U	-	-	0.0351	U
Aroclor 1254	11097-69-1	0.1	mg/kg	0.034	U	0.0365	U	-	-			0.0377	U	-	-	0.0351	U
Aroclor 1260	11096-82-5	0.1	mg/kg	0.034	U	0.00947	J	-	-			0.0377	U	-	-	0.0351	U
Aroclor 1262	37324-23-5	0.1	mg/kg	0.034	U	0.0365	U	-	-			0.0377	U	-	-	0.0351	U
Aroclor 1268	11100-14-4	0.1	mg/kg	0.034	U	0.0365	U	-	-			0.0377	U	-	-	0.0351	U
PCBs, Total	1336-36-3	0.1	mg/kg	0.034	U	0.036	J	-	-			0.0377	U	-	-	0.0351	U
Semivolatile Organics by GC/MS																	
Acenaphthene	83-32-9	20	mg/kg	0.14	U	0.11	J	-	-			0.039	J	-	-	0.14	U
1,2,4-Trichlorobenzene	120-82-1		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
Hexachlorobenzene	118-74-1	0.33	mg/kg	0.1	U	0.11	U	-	-			0.12	U	-	-	0.1	U
Bis(2-chloroethyl)ether	111-44-4		mg/kg	0.16	U	0.16	U	-	-			0.17	U	-	-	0.16	U
2-Chloronaphthalene	91-58-7		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-69 (3-3.5)		RA-70 (3-3.5)		RA-70 (4-4.5)		RA-70 (5.5-6)		RA-71 (5-5.5)		RA-71 (6-6.5)		RA-72 (5-5.5)	
SAMPLING DATE				5/19/2022		5/19/2022		5/19/2022		07/26/2022		6/8/2022		6/8/2022		6/8/2022	
LAB SAMPLE ID				L2226807-17		L2226807-19		L2226807-20		2071241-01		L2230163-01		L2230163-02		L2230163-03	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																	
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
3,3'-Dichlorobenzidine	91-94-1		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
2,4-Dinitrotoluene	121-14-2		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
2,6-Dinitrotoluene	606-20-2		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
Fluoranthene	206-44-0	100	mg/kg	0.076	J	3.2		-	-			1		-	-	0.1	U
4-Chlorophenyl phenyl ether	7005-72-3		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
4-Bromophenyl phenyl ether	101-55-3		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
Bis(2-chloroisopropyl)ether	108-60-1		mg/kg	0.21	U	0.22	U	-	-			0.23	U	-	-	0.21	U
Bis(2-chloroethoxy)methane	111-91-1		mg/kg	0.19	U	0.2	U	-	-			0.21	U	-	-	0.19	U
Hexachlorobutadiene	87-68-3		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
Hexachlorocyclopentadiene	77-47-4		mg/kg	0.5	U	0.52	U	-	-			0.55	U	-	-	0.5	U
Hexachloroethane	67-72-1		mg/kg	0.14	U	0.15	U	-	-			0.15	U	-	-	0.14	U
Isophorone	78-59-1		mg/kg	0.16	U	0.16	U	-	-			0.17	U	-	-	0.16	U
Naphthalene	91-20-3	12	mg/kg	0.17	U	0.078	J	-	-			0.028	J	-	-	0.18	U
Nitrobenzene	98-95-3		mg/kg	0.16	U	0.16	U	-	-			0.17	U	-	-	0.16	U
NDPA/DPA	86-30-6		mg/kg	0.14	U	0.15	U	-	-			0.15	U	-	-	0.14	U
n-Nitrosodi-n-propylamine	621-64-7		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
Bis(2-ethylhexyl)phthalate	117-81-7		mg/kg	0.17	U	0.074	J	-	-			0.19	U	-	-	0.073	J
Butyl benzyl phthalate	85-68-7		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
Di-n-butylphthalate	84-74-2		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
Di-n-octylphthalate	117-84-0		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
Diethyl phthalate	84-66-2		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
Dimethyl phthalate	131-11-3		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
Benzo(a)anthracene	56-55-3	1	mg/kg	0.034	J	1.4		3		0.163		0.54		-	-	0.1	U
Benzo(a)pyrene	50-32-8	1	mg/kg	0.14	U	1.7		3.2		0.194		0.54		-	-	0.14	U
Benzo(b)fluoranthene	205-99-2	1	mg/kg	0.048	J	2.2		4.5		0.273		0.71		-	-	0.1	U
Benzo(k)fluoranthene	207-08-9	0.8	mg/kg	0.1	U	0.57		-		-		0.19		-	-	0.1	U
Chrysene	218-01-9	1	mg/kg	0.04	J	1.4		3.8		0.198		0.49		-	-	0.1	U
Acenaphthylene	208-96-8	100	mg/kg	0.14	U	0.11	J	-	-			0.057	J	-	-	0.14	U
Anthracene	120-12-7	100	mg/kg	0.1	U	0.27		-	-			0.13		-	-	0.1	U
Benzo(ghi)perylene	191-24-2	100	mg/kg	0.021	J	1		-	-			0.33		-	-	0.14	U
Fluorene	86-73-7	30	mg/kg	0.17	U	0.098	J	-	-			0.041	J	-	-	0.18	U
Phenanthrene	85-01-8	100	mg/kg	0.042	J	1.4		-	-			0.52		-	-	0.1	U
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg	0.1	U	0.25		-	-			0.09	J	-	-	0.1	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	mg/kg	0.14	U	1.2		2.6		0.123	J	0.41		-	-	0.14	U
Pyrene	129-00-0	100	mg/kg	0.059	J	2.5		-	-			0.82		-	-	0.1	U
Biphenyl	92-52-4		mg/kg	0.4	U	0.42	U	-	-			0.44	U	-	-	0.4	U

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-69 (3-3.5)		RA-70 (3-3.5)		RA-70 (4-4.5)		RA-70 (5.5-6)		RA-71 (5-5.5)		RA-71 (6-6.5)		RA-72 (5-5.5)	
SAMPLING DATE				5/19/2022		5/19/2022		5/19/2022		07/26/2022		6/8/2022		6/8/2022		6/8/2022	
LAB SAMPLE ID				L2226807-17		L2226807-19		L2226807-20		2071241-01		L2230163-01		L2230163-02		L2230163-03	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																	
4-Chloroaniline	106-47-8		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
2-Nitroaniline	88-74-4		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
3-Nitroaniline	99-09-2		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
4-Nitroaniline	100-01-6		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
Dibenzofuran	132-64-9	7	mg/kg	0.17	U	0.061	J	-	-			0.021	J	-	-	0.18	U
2-Methylnaphthalene	91-57-6		mg/kg	0.21	U	0.034	J	-	-			0.23	U	-	-	0.21	U
1,2,4,5-Tetrachlorobenzene	95-94-3		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
Acetophenone	98-86-2		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
2,4,6-Trichlorophenol	88-06-2		mg/kg	0.1	U	0.11	U	-	-			0.12	U	-	-	0.1	U
p-Chloro-m-cresol	59-50-7		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
2-Chlorophenol	95-57-8		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
2,4-Dichlorophenol	120-83-2		mg/kg	0.16	U	0.16	U	-	-			0.17	U	-	-	0.16	U
2,4-Dimethylphenol	105-67-9		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
2-Nitrophenol	88-75-5		mg/kg	0.37	U	0.39	U	-	-			0.42	U	-	-	0.38	U
4-Nitrophenol	100-02-7		mg/kg	0.24	U	0.26	U	-	-			0.27	U	-	-	0.25	U
2,4-Dinitrophenol	51-28-5		mg/kg	0.83	U	0.88	U	-	-			0.93	U	-	-	0.85	U
4,6-Dinitro-o-cresol	534-52-1		mg/kg	0.45	U	0.47	U	-	-			0.5	U	-	-	0.46	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.14	U	0.15	U	-	-			0.15	U	-	-	0.14	U
Phenol	108-95-2	0.33	mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
2-Methylphenol	95-48-7	0.33	mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	0.25	U	0.26	U	-	-			0.28	U	-	-	0.25	U
2,4,5-Trichlorophenol	95-95-4		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
Benzoic Acid	65-85-0		mg/kg	0.56	U	0.59	U	-	-			0.63	U	-	-	0.57	U
Benzyl Alcohol	100-51-6		mg/kg	0.17	U	0.18	U	-	-			0.19	U	-	-	0.18	U
Carbazole	86-74-8		mg/kg	0.17	U	0.17	J	-	-			0.086	J	-	-	0.18	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.026	U	0.027	U	-	-			0.029	U	-	-	0.026	U
Total Metals																	
Aluminum, Total	7429-90-5		mg/kg	7520		6140		-	-			6230		-	-	8520	
Antimony, Total	7440-36-0		mg/kg	3.99	U	4.17	U	-	-			0.537	J	-	-	4.02	U
Arsenic, Total	7440-38-2	13	mg/kg	0.287	J	2.26		-	-			4.18		-	-	0.635	J
Barium, Total	7440-39-3	350	mg/kg	44.6		42.3		-	-			55		-	-	41.7	
Beryllium, Total	7440-41-7	7.2	mg/kg	0.231	J	0.184	J	-	-			0.176	J	-	-	0.185	J
Cadmium, Total	7440-43-9	2.5	mg/kg	0.08	J	0.2	J	-	-			0.463	J	-	-	0.225	J
Calcium, Total	7440-70-2		mg/kg	732		13600		-	-			22400		-	-	893	
Chromium, Total	7440-47-3		mg/kg	16		10.9		-	-			15.6		-	-	17.6	
Cobalt, Total	7440-48-4		mg/kg	9.34		6.08		-	-			6.65		-	-	6.6	
Copper, Total	7440-50-8	50	mg/kg	23		32.9		-	-			39.5		-	-	20.2	
Iron, Total	7439-89-6		mg/kg	16800		14300		-	-			18900		-	-	14200	
Lead, Total	7439-92-1	63	mg/kg	4.54		63.6		-	-			79.4		20		4.06	
Magnesium, Total	7439-95-4		mg/kg	4190		5180		-	-			10600		-	-	7820	
Manganese, Total	7439-96-5	1600	mg/kg	342		204		-	-			236		-	-	224	
Mercury, Total	7439-97-6	0.18	mg/kg	0.067	U	0.091		-	-			0.077		-	-	0.067	U
Nickel, Total	7440-02-0	30	mg/kg	13.8		9.9		-	-			11.5		-	-	9.71	

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Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-69 (3-3.5)		RA-70 (3-3.5)		RA-70 (4-4.5)		RA-70 (5.5-6)		RA-71 (5-5.5)		RA-71 (6-6.5)		RA-72 (5-5.5)	
SAMPLING DATE				5/19/2022		5/19/2022		5/19/2022		07/26/2022		6/8/2022		6/8/2022		6/8/2022	
LAB SAMPLE ID				L2226807-17		L2226807-19		L2226807-20		2071241-01		L2230163-01		L2230163-02		L2230163-03	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals																	
Potassium, Total	7440-09-7		mg/kg	1630		1040		-	-			1270		-	-	1240	
Selenium, Total	7782-49-2	3.9	mg/kg	1.6	U	1.67	U	-	-			1.85	U	-	-	1.61	U
Silver, Total	7440-22-4	2	mg/kg	0.798	U	0.834	U	-	-			0.926	U	-	-	0.804	U
Sodium, Total	7440-23-5		mg/kg	334		229		-	-			309		-	-	307	
Thallium, Total	7440-28-0		mg/kg	1.6	U	1.67	U	-	-			1.85	U	-	-	1.61	U
Vanadium, Total	7440-62-2		mg/kg	27.7		27.3		-	-			25.6		-	-	25.1	
Zinc, Total	7440-66-6	109	mg/kg	30.8		62.6		-	-			63.6		-	-	28.1	
Volatile Organics by EPA 5035																	
Methylene chloride	75-09-2	0.05	mg/kg	0.0051	U	0.0049	U	-	-			0.0055	U	-	-	0.0058	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
Chloroform	67-66-3	0.37	mg/kg	0.0015	U	0.0014	U	-	-			0.0016	U	-	-	0.0018	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
1,2-Dichloropropane	78-87-5		mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
Dibromochloromethane	124-48-1		mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
1,1,2-Trichloroethane	79-00-5		mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
Tetrachloroethene	127-18-4	1.3	mg/kg	0.00051	U	0.00023	J	-	-			0.00055	U	-	-	0.00058	U
Chlorobenzene	108-90-7	1.1	mg/kg	0.00051	U	0.00049	U	-	-			0.00055	U	-	-	0.00058	U
Trichlorofluoromethane	75-69-4		mg/kg	0.0041	U	0.0039	U	-	-			0.0044	U	-	-	0.0047	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	0.00051	U	0.00049	U	-	-			0.00055	U	-	-	0.00058	U
Bromodichloromethane	75-27-4		mg/kg	0.00051	U	0.00049	U	-	-			0.00055	U	-	-	0.00058	U
trans-1,3-Dichloropropene	10061-02-6		mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
cis-1,3-Dichloropropene	10061-01-5		mg/kg	0.00051	U	0.00049	U	-	-			0.00055	U	-	-	0.00058	U
1,3-Dichloropropene, Total	542-75-6		mg/kg	0.00051	U	0.00049	U	-	-			0.00055	U	-	-	0.00058	U
1,1-Dichloropropene	563-58-6		mg/kg	0.00051	U	0.00049	U	-	-			0.00055	U	-	-	0.00058	U
Bromoform	75-25-2		mg/kg	0.0041	U	0.0039	U	-	-			0.0044	U	-	-	0.0047	U
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	0.00051	U	0.00049	U	-	-			0.00055	U	-	-	0.00058	U
Benzene	71-43-2	0.06	mg/kg	0.00051	U	0.00049	U	-	-			0.00055	U	-	-	0.00058	U
Toluene	108-88-3	0.7	mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
Ethylbenzene	100-41-4	1	mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
Chloromethane	74-87-3		mg/kg	0.0041	U	0.0039	U	-	-			0.0044	U	-	-	0.0047	U
Bromomethane	74-83-9		mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
Vinyl chloride	75-01-4	0.02	mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
Chloroethane	75-00-3		mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.0015	U	0.0014	U	-	-			0.0016	U	-	-	0.0018	U
Trichloroethene	79-01-6	0.47	mg/kg	0.00051	U	0.00049	U	-	-			0.00055	U	-	-	0.00058	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-69 (3-3.5)		RA-70 (3-3.5)		RA-70 (4-4.5)		RA-70 (5.5-6)		RA-71 (5-5.5)		RA-71 (6-6.5)		RA-72 (5-5.5)	
SAMPLING DATE				5/19/2022		5/19/2022		5/19/2022		07/26/2022		6/8/2022		6/8/2022		6/8/2022	
LAB SAMPLE ID				L2226807-17		L2226807-19		L2226807-20		2071241-01		L2230163-01		L2230163-02		L2230163-03	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035																	
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
p/m-Xylene	179601-23-1		mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
o-Xylene	95-47-6		mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
Xylenes, Total	1330-20-7	0.26	mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
1,2-Dichloroethene, Total	540-59-0		mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
Dibromomethane	74-95-3		mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
Styrene	100-42-5		mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
Dichlorodifluoromethane	75-71-8		mg/kg	0.01	U	0.0097	U	-	-			0.011	U	-	-	0.012	U
Acetone	67-64-1	0.05	mg/kg	0.01	U	0.0097	U	-	-			0.011	U	-	-	0.012	U
Carbon disulfide	75-15-0		mg/kg	0.01	U	0.0097	U	-	-			0.011	U	-	-	0.012	U
2-Butanone	78-93-3	0.12	mg/kg	0.01	U	0.0097	U	-	-			0.011	U	-	-	0.012	U
Vinyl acetate	108-05-4		mg/kg	0.01	U	0.0097	U	-	-			0.011	U	-	-	0.012	U
4-Methyl-2-pentanone	108-10-1		mg/kg	0.01	U	0.0097	U	-	-			0.011	U	-	-	0.012	U
1,2,3-Trichloropropane	96-18-4		mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
2-Hexanone	591-78-6		mg/kg	0.01	U	0.0097	U	-	-			0.011	U	-	-	0.012	U
Bromochloromethane	74-97-5		mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
2,2-Dichloropropane	594-20-7		mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
1,2-Dibromoethane	106-93-4		mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
1,3-Dichloropropane	142-28-9		mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	0.00051	U	0.00049	U	-	-			0.00055	U	-	-	0.00058	U
Bromobenzene	108-86-1		mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
n-Butylbenzene	104-51-8	12	mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
sec-Butylbenzene	135-98-8	11	mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
tert-Butylbenzene	98-06-6	5.9	mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
o-Chlorotoluene	95-49-8		mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
p-Chlorotoluene	106-43-4		mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	0.0031	U	0.0029	U	-	-			0.0033	U	-	-	0.0035	U
Hexachlorobutadiene	87-68-3		mg/kg	0.0041	U	0.0039	U	-	-			0.0044	U	-	-	0.0047	U
Isopropylbenzene	98-82-8		mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
p-Isopropyltoluene	99-87-6		mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
Naphthalene	91-20-3	12	mg/kg	0.0041	U	0.0039	U	-	-			0.0044	U	-	-	0.0047	U
Acrylonitrile	107-13-1		mg/kg	0.0041	U	0.0039	U	-	-			0.0044	U	-	-	0.0047	U
n-Propylbenzene	103-65-1	3.9	mg/kg	0.001	U	0.00097	U	-	-			0.0011	U	-	-	0.0012	U
1,2,3-Trichlorobenzene	87-61-6		mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
1,2,4-Trichlorobenzene	120-82-1		mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.082	U	0.078	U	-	-			0.088	U	-	-	0.094	U
p-Diethylbenzene	105-05-5		mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
p-Ethyltoluene	622-96-8		mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-69 (3-3.5)		RA-70 (3-3.5)		RA-70 (4-4.5)		RA-70 (5.5-6)		RA-71 (5-5.5)		RA-71 (6-6.5)		RA-72 (5-5.5)	
SAMPLING DATE				5/19/2022		5/19/2022		5/19/2022		07/26/2022		6/8/2022		6/8/2022		6/8/2022	
LAB SAMPLE ID				L2226807-17		L2226807-19		L2226807-20		2071241-01		L2230163-01		L2230163-02		L2230163-03	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035																	
Ethyl ether	60-29-7		mg/kg	0.002	U	0.0019	U	-	-			0.0022	U	-	-	0.0023	U
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	0.0051	U	0.0049	U	-	-			0.0055	U	-	-	0.0058	U

Qualifiers:

U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-73 (5-5.5)		RA-74 (5-5.5)		RA-74 (5-5.5)		RA-74 (7-7.5)		RA-74 (8.5-9)		RA-77 (5-5.5)		RA-77 (6-6.5)		RA-77 (8-8.5)
SAMPLING DATE				6/8/2022		5/25/2022		5/25/2022		5/25/2022		7/25/2022		5/19/2022		5/19/2022		2071108-01
LAB SAMPLE ID				L2230163-05		L2228130-03		L2228130-03 R1		L2228130-04		2071152-01		L2226807-01		L2226807-02		44764
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL				SOIL		SOIL		SOIL
SAMPLE DEPTH (ft.)																		
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
General Chemistry																		
Solids, Total	NONE		%	94.4		89.7		-	-	92.4				87.8		88.1		
Cyanide, Total	57-12-5	27	mg/kg	1	U	0.25	J	-	-	-	-			1.1	U	-	-	
Organochlorine Pesticides by GC																		
Delta-BHC	319-86-8	0.04	mg/kg	0.00162	U	0.0085	U	-	-	-	-			0.00175	U	-	-	
Lindane	58-89-9	0.1	mg/kg	0.000673	U	0.00354	U	-	-	-	-			0.00073	U	-	-	
Alpha-BHC	319-84-6	0.02	mg/kg	0.000673	U	0.00354	U	-	-	-	-			0.00073	U	-	-	
Beta-BHC	319-85-7	0.036	mg/kg	0.00162	U	0.0085	U	-	-	-	-			0.00175	U	-	-	
Heptachlor	76-44-8	0.042	mg/kg	0.000808	U	0.00425	U	-	-	-	-			0.000877	U	-	-	
Aldrin	309-00-2	0.005	mg/kg	0.00162	U	0.0085	U	-	-	-	-			0.00175	U	-	-	
Heptachlor epoxide	1024-57-3		mg/kg	0.00303	U	0.0159	U	-	-	-	-			0.002	J	-	-	
Endrin	72-20-8	0.014	mg/kg	0.000673	U	0.00354	U	-	-	-	-			0.00073	U	-	-	
Endrin aldehyde	7421-93-4		mg/kg	0.00202	U	0.0106	U	-	-	-	-			0.00219	U	-	-	
Endrin ketone	53494-70-5		mg/kg	0.00162	U	0.0085	U	-	-	-	-			0.00175	U	-	-	
Dieldrin	60-57-1	0.005	mg/kg	0.00101	U	0.00531	U	-	-	-	-			0.0011	U	-	-	
4,4'-DDE	72-55-9	0.0033	mg/kg	0.00162	U	0.00503	JIP	-	-	0.00945		0.000777	U	0.0104		0.0178		0.000751
4,4'-DDD	72-54-8	0.0033	mg/kg	0.00162	U	0.0085	U	-	-	-	-			0.00462		0.0153		0.000628
4,4'-DDT	50-29-3	0.0033	mg/kg	0.00303	U	0.0127	JIP	-	-	0.006		0.001	U	0.0591		0.0894		0.000969
Endosulfan I	959-98-8	2.4	mg/kg	0.00162	U	0.0085	U	-	-	-	-			0.00175	U	-	-	
Endosulfan II	33213-65-9	2.4	mg/kg	0.00162	U	0.0085	U	-	-	-	-			0.00175	U	-	-	
Endosulfan sulfate	1031-07-8	2.4	mg/kg	0.000673	U	0.00354	U	-	-	-	-			0.00073	U	-	-	
Methoxychlor	72-43-5		mg/kg	0.00303	U	0.0159	U	-	-	-	-			0.00329	U	-	-	
Toxaphene	8001-35-2		mg/kg	0.0303	U	0.159	U	-	-	-	-			0.0329	U	-	-	
cis-Chlordane	5103-71-9	0.094	mg/kg	0.00202	U	0.0106	U	-	-	-	-			0.00323	P	-	-	
trans-Chlordane	5103-74-2		mg/kg	0.00202	U	0.0106	U	-	-	-	-			0.00482		-	-	
Chlordane	57-74-9		mg/kg	0.0135	U	0.0708	U	-	-	-	-			0.0146	U	-	-	
Polychlorinated Biphenyls by GC																		
Aroclor 1016	12674-11-2	0.1	mg/kg	0.0351	U	0.0361	U	-	-	-	-			0.037	U	-	-	
Aroclor 1221	11104-28-2	0.1	mg/kg	0.0351	U	0.0361	U	-	-	-	-			0.037	U	-	-	
Aroclor 1232	11141-16-5	0.1	mg/kg	0.0351	U	0.0361	U	-	-	-	-			0.037	U	-	-	
Aroclor 1242	53469-21-9	0.1	mg/kg	0.0351	U	0.0361	U	-	-	-	-			0.037	U	-	-	
Aroclor 1248	12672-29-6	0.1	mg/kg	0.0351	U	0.0361	U	-	-	-	-			0.037	U	-	-	
Aroclor 1254	11097-69-1	0.1	mg/kg	0.0351	U	0.0361	U	-	-	-	-			0.029	J	-	-	
Aroclor 1260	11096-82-5	0.1	mg/kg	0.0351	U	0.0107	J	-	-	-	-			0.0246	J	-	-	
Aroclor 1262	37324-23-5	0.1	mg/kg	0.0351	U	0.0361	U	-	-	-	-			0.037	U	-	-	
Aroclor 1268	11100-14-4	0.1	mg/kg	0.0351	U	0.0361	U	-	-	-	-			0.037	U	-	-	
PCBs, Total	1336-36-3	0.1	mg/kg	0.0351	U	0.0107	J	-	-	-	-			0.0536	J	-	-	
Semivolatile Organics by GC/MS																		
Acenaphthene	83-32-9	20	mg/kg	0.14	U	0.48		-	-	-	-			0.022	J	-	-	
1,2,4-Trichlorobenzene	120-82-1		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
Hexachlorobenzene	118-74-1	0.33	mg/kg	0.1	U	0.11	U	-	-	-	-			0.11	U	-	-	
Bis(2-chloroethyl)ether	111-44-4		mg/kg	0.15	U	0.16	U	-	-	-	-			0.17	U	-	-	
2-Chloronaphthalene	91-58-7		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-73 (5-5.5)		RA-74 (5-5.5)		RA-74 (5-5.5)		RA-74 (7-7.5)		RA-74 (8.5-9)		RA-77 (5-5.5)		RA-77 (6-6.5)		RA-77 (8-8.5)
SAMPLING DATE				6/8/2022		5/25/2022		5/25/2022		5/25/2022		7/25/2022		5/19/2022		5/19/2022		2071108-01
LAB SAMPLE ID				L2230163-05		L2228130-03		L2228130-03 R1		L2228130-04		2071152-01		L2226807-01		L2226807-02		44764
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL				SOIL		SOIL		SOIL
SAMPLE DEPTH (ft.)																		
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Semivolatile Organics by GC/MS																		
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
3,3'-Dichlorobenzidine	91-94-1		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
2,4-Dinitrotoluene	121-14-2		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
2,6-Dinitrotoluene	606-20-2		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
Fluoranthene	206-44-0	100	mg/kg	0.1	U	19	E	35		-	-			0.73		-	-	
4-Chlorophenyl phenyl ether	7005-72-3		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
4-Bromophenyl phenyl ether	101-55-3		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
Bis(2-chloroisopropyl)ether	108-60-1		mg/kg	0.21	U	0.22	U	-	-	-	-			0.22	U	-	-	
Bis(2-chloroethoxy)methane	111-91-1		mg/kg	0.18	U	0.2	U	-	-	-	-			0.2	U	-	-	
Hexachlorobutadiene	87-68-3		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
Hexachlorocyclopentadiene	77-47-4		mg/kg	0.49	U	0.52	U	-	-	-	-			0.54	U	-	-	
Hexachloroethane	67-72-1		mg/kg	0.14	U	0.15	U	-	-	-	-			0.15	U	-	-	
Isophorone	78-59-1		mg/kg	0.15	U	0.16	U	-	-	-	-			0.17	U	-	-	
Naphthalene	91-20-3	12	mg/kg	0.17	U	0.048	J	-	-	-	-			0.19	U	-	-	
Nitrobenzene	98-95-3		mg/kg	0.15	U	0.16	U	-	-	-	-			0.17	U	-	-	
NDPA/DPA	86-30-6		mg/kg	0.14	U	0.15	U	-	-	-	-			0.15	U	-	-	
n-Nitrosodi-n-propylamine	621-64-7		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
Bis(2-ethylhexyl)phthalate	117-81-7		mg/kg	0.06	J	0.25		-	-	-	-			0.081	J	-	-	
Butyl benzyl phthalate	85-68-7		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
Di-n-butylphthalate	84-74-2		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
Di-n-octylphthalate	117-84-0		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
Diethyl phthalate	84-66-2		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
Dimethyl phthalate	131-11-3		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
Benzo(a)anthracene	56-55-3	1	mg/kg	0.1	U	16	E	16		0.06	J			0.39		-	-	
Benzo(a)pyrene	50-32-8	1	mg/kg	0.14	U	16	E	16		0.05	J			0.41		-	-	
Benzo(b)fluoranthene	205-99-2	1	mg/kg	0.1	U	26	E	23		0.077	J			0.52		-	-	
Benzo(k)fluoranthene	207-08-9	0.8	mg/kg	0.1	U	4.8		-	-	0.1	U			0.15		-	-	
Chrysene	218-01-9	1	mg/kg	0.1	U	17	E	21		0.058	J			0.34		-	-	
Acenaphthylene	208-96-8	100	mg/kg	0.14	U	0.11	J	-	-	-	-			0.067	J	-	-	
Anthracene	120-12-7	100	mg/kg	0.1	U	2.4		-	-	-	-			0.088	J	-	-	
Benzo(ghi)perylene	191-24-2	100	mg/kg	0.14	U	12	E	10		-	-			0.24		-	-	
Fluorene	86-73-7	30	mg/kg	0.17	U	0.9		-	-	-	-			0.025	J	-	-	
Phenanthrene	85-01-8	100	mg/kg	0.1	U	12	E	18		-	-			0.27		-	-	
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg	0.1	U	3.3		-	-	0.1	U			0.065	J	-	-	
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	mg/kg	0.14	U	15	E	12		0.036	J			0.28		-	-	
Pyrene	129-00-0	100	mg/kg	0.1	U	16	E	27		-	-			0.62		-	-	
Biphenyl	92-52-4		mg/kg	0.39	U	0.42	U	-	-	-	-			0.43	U	-	-	

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-73 (5-5.5)		RA-74 (5-5.5)		RA-74 (5-5.5)		RA-74 (7-7.5)		RA-74 (8.5-9)		RA-77 (5-5.5)		RA-77 (6-6.5)		RA-77 (8-8.5)
SAMPLING DATE				6/8/2022		5/25/2022		5/25/2022		5/25/2022		7/25/2022		5/19/2022		5/19/2022		2071108-01
LAB SAMPLE ID				L2230163-05		L2228130-03		L2228130-03 R1		L2228130-04		2071152-01		L2226807-01		L2226807-02		44764
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL				SOIL		SOIL		SOIL
SAMPLE DEPTH (ft.)																		
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Semivolatile Organics by GC/MS																		
4-Chloroaniline	106-47-8		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
2-Nitroaniline	88-74-4		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
3-Nitroaniline	99-09-2		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
4-Nitroaniline	100-01-6		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
Dibenzofuran	132-64-9	7	mg/kg	0.17	U	0.28		-	-	-	-			0.19	U	-	-	
2-Methylnaphthalene	91-57-6		mg/kg	0.21	U	0.027	J	-	-	-	-			0.22	U	-	-	
1,2,4,5-Tetrachlorobenzene	95-94-3		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
Acetophenone	98-86-2		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
2,4,6-Trichlorophenol	88-06-2		mg/kg	0.1	U	0.11	U	-	-	-	-			0.11	U	-	-	
p-Chloro-m-cresol	59-50-7		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
2-Chlorophenol	95-57-8		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
2,4-Dichlorophenol	120-83-2		mg/kg	0.15	U	0.16	U	-	-	-	-			0.17	U	-	-	
2,4-Dimethylphenol	105-67-9		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
2-Nitrophenol	88-75-5		mg/kg	0.37	U	0.39	U	-	-	-	-			0.4	U	-	-	
4-Nitrophenol	100-02-7		mg/kg	0.24	U	0.26	U	-	-	-	-			0.26	U	-	-	
2,4-Dinitrophenol	51-28-5		mg/kg	0.82	U	0.88	U	-	-	-	-			0.9	U	-	-	
4,6-Dinitro-o-cresol	534-52-1		mg/kg	0.45	U	0.47	U	-	-	-	-			0.49	U	-	-	
Pentachlorophenol	87-86-5	0.8	mg/kg	0.14	U	0.15	U	-	-	-	-			0.15	U	-	-	
Phenol	108-95-2	0.33	mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
2-Methylphenol	95-48-7	0.33	mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	0.25	U	0.26	U	-	-	-	-			0.27	U	-	-	
2,4,5-Trichlorophenol	95-95-4		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
Benzoic Acid	65-85-0		mg/kg	0.56	U	0.59	U	-	-	-	-			0.61	U	-	-	
Benzyl Alcohol	100-51-6		mg/kg	0.17	U	0.18	U	-	-	-	-			0.19	U	-	-	
Carbazole	86-74-8		mg/kg	0.17	U	2.8		-	-	-	-			0.04	J	-	-	
1,4-Dioxane	123-91-1	0.1	mg/kg	0.026	U	0.027	U	-	-	-	-			0.028	U	-	-	
Total Metals																		
Aluminum, Total	7429-90-5		mg/kg	7000		4220		-	-	-	-			5040		-	-	
Antimony, Total	7440-36-0		mg/kg	4.14	U	0.395	J	-	-	-	-			4.38	U	-	-	
Arsenic, Total	7440-38-2	13	mg/kg	1.88		2.14		-	-	-	-			2.08		-	-	
Barium, Total	7440-39-3	350	mg/kg	46.8		38.4		-	-	-	-			47.6		-	-	
Beryllium, Total	7440-41-7	7.2	mg/kg	0.141	J	0.167	J	-	-	-	-			0.166	J	-	-	
Cadmium, Total	7440-43-9	2.5	mg/kg	0.248	J	0.307	J	-	-	-	-			0.272	J	-	-	
Calcium, Total	7440-70-2		mg/kg	701		5800		-	-	-	-			13800		-	-	
Chromium, Total	7440-47-3		mg/kg	16.1		15.2		-	-	-	-			9.89		-	-	
Cobalt, Total	7440-48-4		mg/kg	6.99		3.46		-	-	-	-			4.73		-	-	
Copper, Total	7440-50-8	50	mg/kg	15.8		23.3		-	-	-	-			20.3		-	-	
Iron, Total	7439-89-6		mg/kg	14900		9020		-	-	-	-			9350		-	-	
Lead, Total	7439-92-1	63	mg/kg	3.91	J	37		-	-	-	-			49.5		-	-	
Magnesium, Total	7439-95-4		mg/kg	4040		2600		-	-	-	-			7300		-	-	
Manganese, Total	7439-96-5	1600	mg/kg	208		128		-	-	-	-			153		-	-	
Mercury, Total	7439-97-6	0.18	mg/kg	0.068	U	0.134		-	-	-	-			0.154		-	-	
Nickel, Total	7440-02-0	30	mg/kg	9.67		7.63		-	-	-	-			7.53		-	-	

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-73 (5-5.5)		RA-74 (5-5.5)		RA-74 (5-5.5)		RA-74 (7-7.5)		RA-74 (8.5-9)		RA-77 (5-5.5)		RA-77 (6-6.5)		RA-77 (8-8.5)
SAMPLING DATE				6/8/2022		5/25/2022		5/25/2022		5/25/2022		7/25/2022		5/19/2022		5/19/2022		2071108-01
LAB SAMPLE ID				L2230163-05		L2228130-03		L2228130-03 R1		L2228130-04		2071152-01		L2226807-01		L2226807-02		44764
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL				SOIL		SOIL		SOIL
SAMPLE DEPTH (ft.)																		
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Total Metals																		
Potassium, Total	7440-09-7		mg/kg	2200		623		-	-	-	-			1080		-	-	
Selenium, Total	7782-49-2	3.9	mg/kg	1.66	U	1.76	U	-	-	-	-			1.75	U	-	-	
Silver, Total	7440-22-4	2	mg/kg	0.828	U	0.878	U	-	-	-	-			0.876	U	-	-	
Sodium, Total	7440-23-5		mg/kg	230		162	J	-	-	-	-			134	J	-	-	
Thallium, Total	7440-28-0		mg/kg	1.66	U	1.76	U	-	-	-	-			1.75	U	-	-	
Vanadium, Total	7440-62-2		mg/kg	22.7		13.8		-	-	-	-			18		-	-	
Zinc, Total	7440-66-6	109	mg/kg	34.9		83.9		-	-	-	-			66.6		-	-	
Volatile Organics by EPA 5035																		
Methylene chloride	75-09-2	0.05	mg/kg	0.0054	U	0.0051	U	-	-	-	-			0.0048	U	-	-	
1,1-Dichloroethane	75-34-3	0.27	mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
Chloroform	67-66-3	0.37	mg/kg	0.0016	U	0.0015	U	-	-	-	-			0.0014	U	-	-	
Carbon tetrachloride	56-23-5	0.76	mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
1,2-Dichloropropane	78-87-5		mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
Dibromochloromethane	124-48-1		mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
1,1,2-Trichloroethane	79-00-5		mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
Tetrachloroethene	127-18-4	1.3	mg/kg	0.00054	U	0.00051	U	-	-	-	-			0.00048	U	-	-	
Chlorobenzene	108-90-7	1.1	mg/kg	0.00054	U	0.00051	U	-	-	-	-			0.00048	U	-	-	
Trichlorofluoromethane	75-69-4		mg/kg	0.0044	U	0.0041	U	-	-	-	-			0.0038	U	-	-	
1,2-Dichloroethane	107-06-2	0.02	mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	0.00054	U	0.00051	U	-	-	-	-			0.00048	U	-	-	
Bromodichloromethane	75-27-4		mg/kg	0.00054	U	0.00051	U	-	-	-	-			0.00048	U	-	-	
trans-1,3-Dichloropropene	10061-02-6		mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
cis-1,3-Dichloropropene	10061-01-5		mg/kg	0.00054	U	0.00051	U	-	-	-	-			0.00048	U	-	-	
1,3-Dichloropropene, Total	542-75-6		mg/kg	0.00054	U	0.00051	U	-	-	-	-			0.00048	U	-	-	
1,1-Dichloropropene	563-58-6		mg/kg	0.00054	U	0.00051	U	-	-	-	-			0.00048	U	-	-	
Bromoform	75-25-2		mg/kg	0.0044	U	0.0041	U	-	-	-	-			0.0038	U	-	-	
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	0.00054	U	0.00051	U	-	-	-	-			0.00048	U	-	-	
Benzene	71-43-2	0.06	mg/kg	0.00054	U	0.00051	U	-	-	-	-			0.00048	U	-	-	
Toluene	108-88-3	0.7	mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
Ethylbenzene	100-41-4	1	mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
Chloromethane	74-87-3		mg/kg	0.0044	U	0.0041	U	-	-	-	-			0.0038	U	-	-	
Bromomethane	74-83-9		mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
Vinyl chloride	75-01-4	0.02	mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
Chloroethane	75-00-3		mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
1,1-Dichloroethene	75-35-4	0.33	mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.0016	U	0.0015	U	-	-	-	-			0.0014	U	-	-	
Trichloroethene	79-01-6	0.47	mg/kg	0.00054	U	0.00051	U	-	-	-	-			0.00048	U	-	-	
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-73 (5-5.5)		RA-74 (5-5.5)		RA-74 (5-5.5)		RA-74 (7-7.5)		RA-74 (8.5-9)		RA-77 (5-5.5)		RA-77 (6-6.5)		RA-77 (8-8.5)
SAMPLING DATE				6/8/2022		5/25/2022		5/25/2022		5/25/2022		7/25/2022		5/19/2022		5/19/2022		2071108-01
LAB SAMPLE ID				L2230163-05		L2228130-03		L2228130-03 R1		L2228130-04		2071152-01		L2226807-01		L2226807-02		44764
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL				SOIL		SOIL		SOIL
SAMPLE DEPTH (ft.)																		
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Volatile Organics by EPA 5035																		
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
p/m-Xylene	179601-23-1		mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
o-Xylene	95-47-6		mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
Xylenes, Total	1330-20-7	0.26	mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
1,2-Dichloroethene, Total	540-59-0		mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
Dibromomethane	74-95-3		mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
Styrene	100-42-5		mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
Dichlorodifluoromethane	75-71-8		mg/kg	0.011	U	0.01	U	-	-	-	-			0.0096	U	-	-	
Acetone	67-64-1	0.05	mg/kg	0.011	U	0.01	U	-	-	-	-			0.0096	U	-	-	
Carbon disulfide	75-15-0		mg/kg	0.011	U	0.01	U	-	-	-	-			0.0096	U	-	-	
2-Butanone	78-93-3	0.12	mg/kg	0.011	U	0.01	U	-	-	-	-			0.0096	U	-	-	
Vinyl acetate	108-05-4		mg/kg	0.011	U	0.01	U	-	-	-	-			0.0096	U	-	-	
4-Methyl-2-pentanone	108-10-1		mg/kg	0.011	U	0.01	U	-	-	-	-			0.0096	U	-	-	
1,2,3-Trichloropropane	96-18-4		mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
2-Hexanone	591-78-6		mg/kg	0.011	U	0.01	U	-	-	-	-			0.0096	U	-	-	
Bromochloromethane	74-97-5		mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
2,2-Dichloropropane	594-20-7		mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
1,2-Dibromoethane	106-93-4		mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
1,3-Dichloropropane	142-28-9		mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	0.00054	U	0.00051	U	-	-	-	-			0.00048	U	-	-	
Bromobenzene	108-86-1		mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
n-Butylbenzene	104-51-8	12	mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
sec-Butylbenzene	135-98-8	11	mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
tert-Butylbenzene	98-06-6	5.9	mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
o-Chlorotoluene	95-49-8		mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
p-Chlorotoluene	106-43-4		mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	0.0033	U	0.0031	U	-	-	-	-			0.0029	U	-	-	
Hexachlorobutadiene	87-68-3		mg/kg	0.0044	U	0.0041	U	-	-	-	-			0.0038	U	-	-	
Isopropylbenzene	98-82-8		mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
p-Isopropyltoluene	99-87-6		mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
Naphthalene	91-20-3	12	mg/kg	0.0044	U	0.0041	U	-	-	-	-			0.0038	U	-	-	
Acrylonitrile	107-13-1		mg/kg	0.0044	U	0.0041	U	-	-	-	-			0.0038	U	-	-	
n-Propylbenzene	103-65-1	3.9	mg/kg	0.0011	U	0.001	U	-	-	-	-			0.00096	U	-	-	
1,2,3-Trichlorobenzene	87-61-6		mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
1,2,4-Trichlorobenzene	120-82-1		mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
1,4-Dioxane	123-91-1	0.1	mg/kg	0.087	U	0.082	U	-	-	-	-			0.076	U	-	-	
p-Diethylbenzene	105-05-5		mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
p-Ethyltoluene	622-96-8		mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-73 (5-5.5)		RA-74 (5-5.5)		RA-74 (5-5.5)		RA-74 (7-7.5)		RA-74 (8.5-9)		RA-77 (5-5.5)		RA-77 (6-6.5)		RA-77 (8-8.5)
SAMPLING DATE				6/8/2022		5/25/2022		5/25/2022		5/25/2022		7/25/2022		5/19/2022		5/19/2022		2071108-01
LAB SAMPLE ID				L2230163-05		L2228130-03		L2228130-03 R1		L2228130-04		2071152-01		L2226807-01		L2226807-02		44764
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL				SOIL		SOIL		SOIL
SAMPLE DEPTH (ft.)																		
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Volatile Organics by EPA 5035																		
Ethyl ether	60-29-7		mg/kg	0.0022	U	0.002	U	-	-	-	-			0.0019	U	-	-	
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	0.0054	U	0.0051	U	-	-	-	-			0.0048	U	-	-	

Qualifiers:

U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION					RA-78		RA-78A		RA-78B		RA-78C	
SAMPLING DATE					4/5/2022		4/5/2022		4/5/2022		4/5/2022	
LAB SAMPLE ID					L2217302-01		L2217302-02		L2217302-03		L2217302-04	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)												
	CasNum	NY-UNRE	Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry												
Solids, Total	NONE		%		76.6		89.5		92.2		78	
Cyanide, Total	57-12-5	27	mg/kg		1.3	U	1.1	U	0.99	U	1.2	U
Organochlorine Pesticides by GC												
Delta-BHC	319-86-8	0.04	mg/kg		0.00205	U	0.0017	U	0.00166	U	0.00197	U
Lindane	58-89-9	0.1	mg/kg		0.000854	U	0.000708	U	0.000692	U	0.000822	U
Alpha-BHC	319-84-6	0.02	mg/kg		0.000854	U	0.000708	U	0.000692	U	0.000822	U
Beta-BHC	319-85-7	0.036	mg/kg		0.00205	U	0.0017	U	0.00166	U	0.00197	U
Heptachlor	76-44-8	0.042	mg/kg		0.00102	U	0.000849	U	0.00083	U	0.000986	U
Aldrin	309-00-2	0.005	mg/kg		0.00205	U	0.0017	U	0.00166	U	0.00197	U
Heptachlor epoxide	1024-57-3		mg/kg		0.00384	U	0.00318	U	0.00311	U	0.0037	U
Endrin	72-20-8	0.014	mg/kg		0.000854	U	0.000708	U	0.000692	U	0.000822	U
Endrin aldehyde	7421-93-4		mg/kg		0.00256	U	0.00212	U	0.00208	U	0.00246	U
Endrin ketone	53494-70-5		mg/kg		0.00205	U	0.0017	U	0.00166	U	0.00197	U
Dieldrin	60-57-1	0.005	mg/kg		0.00128	U	0.00106	U	0.00104	U	0.00123	U
4,4'-DDE	72-55-9	0.0033	mg/kg	U	0.00205	U	0.0017	U	0.00166	U	0.00197	U
4,4'-DDD	72-54-8	0.0033	mg/kg	U	0.00205	U	0.0017	U	0.00166	U	0.00197	U
4,4'-DDT	50-29-3	0.0033	mg/kg	U	0.00384	U	0.00318	U	0.00311	U	0.0037	U
Endosulfan I	959-98-8	2.4	mg/kg		0.00205	U	0.0017	U	0.00166	U	0.00197	U
Endosulfan II	33213-65-9	2.4	mg/kg		0.00205	U	0.0017	U	0.00166	U	0.00197	U
Endosulfan sulfate	1031-07-8	2.4	mg/kg		0.000854	U	0.000708	U	0.000692	U	0.000822	U
Methoxychlor	72-43-5		mg/kg		0.00384	U	0.00318	U	0.00311	U	0.0037	U
Toxaphene	8001-35-2		mg/kg		0.0384	U	0.0318	U	0.0311	U	0.037	U
cis-Chlordane	5103-71-9	0.094	mg/kg		0.00256	U	0.00212	U	0.00208	U	0.00246	U
trans-Chlordane	5103-74-2		mg/kg		0.00256	U	0.00212	U	0.00208	U	0.00246	U
Chlordane	57-74-9		mg/kg		0.0171	U	0.0142	U	0.0138	U	0.0164	U
Polychlorinated Biphenyls by GC												
Aroclor 1016	12674-11-2	0.1	mg/kg		0.0421	U	0.0368	U	0.0358	U	0.0416	U
Aroclor 1221	11104-28-2	0.1	mg/kg		0.0421	U	0.0368	U	0.0358	U	0.0416	U
Aroclor 1232	11141-16-5	0.1	mg/kg		0.0421	U	0.0368	U	0.0358	U	0.0416	U
Aroclor 1242	53469-21-9	0.1	mg/kg		0.0421	U	0.0368	U	0.0358	U	0.0416	U
Aroclor 1248	12672-29-6	0.1	mg/kg		0.0421	U	0.0368	U	0.0358	U	0.0416	U
Aroclor 1254	11097-69-1	0.1	mg/kg		0.0421	U	0.0368	U	0.0358	U	0.0416	U
Aroclor 1260	11096-82-5	0.1	mg/kg		0.0421	U	0.0352	J	0.0358	U	0.0416	U
Aroclor 1262	37324-23-5	0.1	mg/kg		0.0421	U	0.0368	U	0.0358	U	0.0416	U
Aroclor 1268	11100-14-4	0.1	mg/kg		0.0421	U	0.0368	U	0.0358	U	0.0416	U
PCBs, Total	1336-36-3	0.1	mg/kg		0.0421	U	0.0352	J	0.0358	U	0.0416	U
Semivolatile Organics by GC/MS												
Acenaphthene	83-32-9	20	mg/kg		0.17	U	0.14	U	0.14	U	0.17	U
1,2,4-Trichlorobenzene	120-82-1		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
Hexachlorobenzene	118-74-1	0.33	mg/kg		0.13	U	0.11	U	0.11	U	0.12	U
Bis(2-chloroethyl)ether	111-44-4		mg/kg		0.19	U	0.16	U	0.16	U	0.19	U
2-Chloronaphthalene	91-58-7		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION					RA-78		RA-78A		RA-78B		RA-78C	
SAMPLING DATE					4/5/2022		4/5/2022		4/5/2022		4/5/2022	
LAB SAMPLE ID					L2217302-01		L2217302-02		L2217302-03		L2217302-04	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)												
	CasNum	NY-UNRE	Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS												
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
3,3'-Dichlorobenzidine	91-94-1		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
2,4-Dinitrotoluene	121-14-2		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
2,6-Dinitrotoluene	606-20-2		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
Fluoranthene	206-44-0	100	mg/kg		0.13	U	0.11	U	0.11	U	0.12	U
4-Chlorophenyl phenyl ether	7005-72-3		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
4-Bromophenyl phenyl ether	101-55-3		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
Bis(2-chloroisopropyl)ether	108-60-1		mg/kg		0.26	U	0.22	U	0.22	U	0.25	U
Bis(2-chloroethoxy)methane	111-91-1		mg/kg		0.23	U	0.2	U	0.19	U	0.22	U
Hexachlorobutadiene	87-68-3		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
Hexachlorocyclopentadiene	77-47-4		mg/kg		0.62	U	0.52	U	0.51	U	0.59	U
Hexachloroethane	67-72-1		mg/kg		0.17	U	0.14	U	0.14	U	0.17	U
Isophorone	78-59-1		mg/kg		0.19	U	0.16	U	0.16	U	0.19	U
Naphthalene	91-20-3	12	mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
Nitrobenzene	98-95-3		mg/kg		0.19	U	0.16	U	0.16	U	0.19	U
NDPA/DPA	86-30-6		mg/kg		0.17	U	0.14	U	0.14	U	0.17	U
n-Nitrosodi-n-propylamine	621-64-7		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
Bis(2-ethylhexyl)phthalate	117-81-7		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
Butyl benzyl phthalate	85-68-7		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
Di-n-butylphthalate	84-74-2		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
Di-n-octylphthalate	117-84-0		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
Diethyl phthalate	84-66-2		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
Dimethyl phthalate	131-11-3		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
Benzo(a)anthracene	56-55-3	1	mg/kg		0.13	U	0.11	U	0.11	U	0.12	U
Benzo(a)pyrene	50-32-8	1	mg/kg		0.17	U	0.14	U	0.14	U	0.17	U
Benzo(b)fluoranthene	205-99-2	1	mg/kg		0.13	U	0.11	U	0.11	U	0.12	U
Benzo(k)fluoranthene	207-08-9	0.8	mg/kg		0.13	U	0.11	U	0.11	U	0.12	U
Chrysene	218-01-9	1	mg/kg		0.13	U	0.11	U	0.11	U	0.12	U
Acenaphthylene	208-96-8	100	mg/kg		0.17	U	0.14	U	0.14	U	0.17	U
Anthracene	120-12-7	100	mg/kg		0.13	U	0.11	U	0.052	J	0.12	U
Benzo(ghi)perylene	191-24-2	100	mg/kg		0.17	U	0.14	U	0.14	U	0.17	U
Fluorene	86-73-7	30	mg/kg		0.22	U	0.18	U	0.12	J	0.21	U
Phenanthrene	85-01-8	100	mg/kg		0.13	U	0.11	U	0.31		0.12	U
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg		0.13	U	0.11	U	0.11	U	0.12	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	mg/kg		0.17	U	0.14	U	0.14	U	0.17	U
Pyrene	129-00-0	100	mg/kg		0.13	U	0.11	U	0.11	U	0.12	U
Biphenyl	92-52-4		mg/kg		0.49	U	0.41	U	0.044	J	0.47	U

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION					RA-78		RA-78A		RA-78B		RA-78C	
SAMPLING DATE					4/5/2022		4/5/2022		4/5/2022		4/5/2022	
LAB SAMPLE ID					L2217302-01		L2217302-02		L2217302-03		L2217302-04	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)												
	CasNum	NY-UNRE	Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS												
4-Chloroaniline	106-47-8		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
2-Nitroaniline	88-74-4		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
3-Nitroaniline	99-09-2		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
4-Nitroaniline	100-01-6		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
Dibenzofuran	132-64-9	7	mg/kg		0.22	U	0.18	U	0.033	J	0.21	U
2-Methylnaphthalene	91-57-6		mg/kg		0.26	U	0.22	U	0.27		0.25	U
1,2,4,5-Tetrachlorobenzene	95-94-3		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
Acetophenone	98-86-2		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
2,4,6-Trichlorophenol	88-06-2		mg/kg		0.13	U	0.11	U	0.11	U	0.12	U
p-Chloro-m-cresol	59-50-7		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
2-Chlorophenol	95-57-8		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
2,4-Dichlorophenol	120-83-2		mg/kg		0.19	U	0.16	U	0.16	U	0.19	U
2,4-Dimethylphenol	105-67-9		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
2-Nitrophenol	88-75-5		mg/kg		0.46	U	0.39	U	0.39	U	0.45	U
4-Nitrophenol	100-02-7		mg/kg		0.3	U	0.25	U	0.25	U	0.29	U
2,4-Dinitrophenol	51-28-5		mg/kg		1	U	0.87	U	0.86	U	1	U
4,6-Dinitro-o-cresol	534-52-1		mg/kg		0.56	U	0.47	U	0.47	U	0.54	U
Pentachlorophenol	87-86-5	0.8	mg/kg		0.17	U	0.14	U	0.14	U	0.17	U
Phenol	108-95-2	0.33	mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
2-Methylphenol	95-48-7	0.33	mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg		0.31	U	0.26	U	0.26	U	0.3	U
2,4,5-Trichlorophenol	95-95-4		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
Benzoic Acid	65-85-0		mg/kg		0.7	U	0.59	U	0.58	U	0.67	U
Benzyl Alcohol	100-51-6		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
Carbazole	86-74-8		mg/kg		0.22	U	0.18	U	0.18	U	0.21	U
1,4-Dioxane	123-91-1	0.1	mg/kg		0.032	U	0.027	U	0.027	U	0.031	U
Total Metals												
Aluminum, Total	7429-90-5		mg/kg		5600		4420		3330		7260	
Antimony, Total	7440-36-0		mg/kg		5.08	U	4.38	U	4.15	U	4.92	U
Arsenic, Total	7440-38-2	13	mg/kg		1.02	U	0.876	U	0.83	U	0.984	U
Barium, Total	7440-39-3	350	mg/kg		46.4		36.4		29.1		73.8	
Beryllium, Total	7440-41-7	7.2	mg/kg		0.122	J	0.105	J	0.091	J	0.216	J
Cadmium, Total	7440-43-9	2.5	mg/kg		0.386	J	0.333	J	0.291	J	0.502	J
Calcium, Total	7440-70-2		mg/kg		42300		24700		37400		27600	
Chromium, Total	7440-47-3		mg/kg		14.2		11.8		8.64		15.8	
Cobalt, Total	7440-48-4		mg/kg		6.46		5.3		4.35		8.09	
Copper, Total	7440-50-8	50	mg/kg		12.5		9.84		9.56		15.4	
Iron, Total	7439-89-6		mg/kg		11300		10600		8660		14700	
Lead, Total	7439-92-1	63	mg/kg		2.84	J	2.95	J	2.61	J	4.49	J
Magnesium, Total	7439-95-4		mg/kg		24800		16400		22300		17600	
Manganese, Total	7439-96-5	1600	mg/kg		109		157		136		156	
Mercury, Total	7439-97-6	0.18	mg/kg		0.091	U	0.071	U	0.078	U	0.088	U
Nickel, Total	7440-02-0	30	mg/kg		9.79		7.81		6.38		13.3	

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-78		RA-78A		RA-78B		RA-78C	
SAMPLING DATE				4/5/2022		4/5/2022		4/5/2022		4/5/2022	
LAB SAMPLE ID				L2217302-01		L2217302-02		L2217302-03		L2217302-04	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)											
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals											
Potassium, Total	7440-09-7		mg/kg	2580		1950		1350		3680	
Selenium, Total	7782-49-2	3.9	mg/kg	2.03	U	1.75	U	1.66	U	1.97	U
Silver, Total	7440-22-4	2	mg/kg	1.02	U	0.876	U	0.83	U	0.984	U
Sodium, Total	7440-23-5		mg/kg	568		91.1	J	153	J	185	J
Thallium, Total	7440-28-0		mg/kg	2.03	U	1.75	U	1.66	U	1.97	U
Vanadium, Total	7440-62-2		mg/kg	20.7		17.8		13.2		25.1	
Zinc, Total	7440-66-6	109	mg/kg	28.6		20.6		18.2		47.4	
Volatile Organics by EPA 5035											
Methylene chloride	75-09-2	0.05	mg/kg	0.0066	U	0.0065	U	0.0061	U	0.0061	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	0.0013	U	0.0013	U	0.0012	U	0.0012	U
Chloroform	67-66-3	0.37	mg/kg	0.002	U	0.0019	U	0.0018	U	0.0018	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	0.0013	U	0.0013	U	0.0012	U	0.0012	U
1,2-Dichloropropane	78-87-5		mg/kg	0.0013	U	0.0013	U	0.0012	U	0.0012	U
Dibromochloromethane	124-48-1		mg/kg	0.0013	U	0.0013	U	0.0012	U	0.0012	U
1,1,2-Trichloroethane	79-00-5		mg/kg	0.0013	U	0.0013	U	0.0012	U	0.0012	U
Tetrachloroethene	127-18-4	1.3	mg/kg	0.00066	U	0.00065	U	0.004		0.00061	U
Chlorobenzene	108-90-7	1.1	mg/kg	0.00066	U	0.00065	U	0.00061	U	0.00061	U
Trichlorofluoromethane	75-69-4		mg/kg	0.0053	U	0.0052	U	0.0049	U	0.0049	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	0.0013	U	0.0013	U	0.0012	U	0.0012	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	0.00066	U	0.00065	U	0.00061	U	0.00061	U
Bromodichloromethane	75-27-4		mg/kg	0.00066	U	0.00065	U	0.00061	U	0.00061	U
trans-1,3-Dichloropropene	10061-02-6		mg/kg	0.0013	U	0.0013	U	0.0012	U	0.0012	U
cis-1,3-Dichloropropene	10061-01-5		mg/kg	0.00066	U	0.00065	U	0.00061	U	0.00061	U
1,3-Dichloropropene, Total	542-75-6		mg/kg	0.00066	U	0.00065	U	0.00061	U	0.00061	U
1,1-Dichloropropene	563-58-6		mg/kg	0.00066	U	0.00065	U	0.00061	U	0.00061	U
Bromoform	75-25-2		mg/kg	0.0053	U	0.0052	U	0.0049	U	0.0049	U
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	0.00066	U	0.00065	U	0.00061	U	0.00061	U
Benzene	71-43-2	0.06	mg/kg	0.00066	U	0.00065	U	0.00061	U	0.00061	U
Toluene	108-88-3	0.7	mg/kg	0.0013	U	0.0013	U	0.0012	U	0.0012	U
Ethylbenzene	100-41-4	1	mg/kg	0.0013	U	0.0013	U	0.0017		0.0012	U
Chloromethane	74-87-3		mg/kg	0.0053	U	0.0052	U	0.0049	U	0.0049	U
Bromomethane	74-83-9		mg/kg	0.0026	U	0.0026	U	0.0024	U	0.0024	U
Vinyl chloride	75-01-4	0.02	mg/kg	0.0013	U	0.0013	U	0.0012	U	0.0012	U
Chloroethane	75-00-3		mg/kg	0.0026	U	0.0026	U	0.0024	U	0.0024	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	0.0013	U	0.0013	U	0.0012	U	0.0012	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.002	U	0.0019	U	0.0018	U	0.0018	U
Trichloroethene	79-01-6	0.47	mg/kg	0.00066	U	0.00065	U	0.00061	U	0.00061	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.0026	U	0.0026	U	0.0024	U	0.0024	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.0026	U	0.0026	U	0.0024	U	0.0024	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.0026	U	0.0026	U	0.0024	U	0.0024	U

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION				RA-78		RA-78A		RA-78B		RA-78C	
SAMPLING DATE				4/5/2022		4/5/2022		4/5/2022		4/5/2022	
LAB SAMPLE ID				L2217302-01		L2217302-02		L2217302-03		L2217302-04	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)											
	CasNum	NY-UNRE	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035											
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	0.0026	U	0.0026	U	0.0024	U	0.0024	U
p/m-Xylene	179601-23-1		mg/kg	0.0026	U	0.0026	U	0.0042		0.0024	U
o-Xylene	95-47-6		mg/kg	0.0013	U	0.0013	U	0.0041		0.0012	U
Xylenes, Total	1330-20-7	0.26	mg/kg	0.0013	U	0.0013	U	0.0083		0.0012	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	0.0013	U	0.0013	U	0.0012	U	0.0012	U
1,2-Dichloroethene, Total	540-59-0		mg/kg	0.0013	U	0.0013	U	0.0012	U	0.0012	U
Dibromomethane	74-95-3		mg/kg	0.0026	U	0.0026	U	0.0024	U	0.0024	U
Styrene	100-42-5		mg/kg	0.0013	U	0.00047	J	0.00061	J	0.0004	J
Dichlorodifluoromethane	75-71-8		mg/kg	0.013	U	0.013	U	0.012	U	0.012	U
Acetone	67-64-1	0.05	mg/kg	0.0071	J	0.013	U	0.012	U	0.012	U
Carbon disulfide	75-15-0		mg/kg	0.013	U	0.013	U	0.012	U	0.012	U
2-Butanone	78-93-3	0.12	mg/kg	0.013	U	0.013	U	0.012	U	0.012	U
Vinyl acetate	108-05-4		mg/kg	0.013	U	0.013	U	0.012	U	0.012	U
4-Methyl-2-pentanone	108-10-1		mg/kg	0.013	U	0.013	U	0.012	U	0.012	U
1,2,3-Trichloropropane	96-18-4		mg/kg	0.0026	U	0.0026	U	0.0024	U	0.0024	U
2-Hexanone	591-78-6		mg/kg	0.013	U	0.013	U	0.012	U	0.012	U
Bromochloromethane	74-97-5		mg/kg	0.0026	U	0.0026	U	0.0024	U	0.0024	U
2,2-Dichloropropane	594-20-7		mg/kg	0.0026	U	0.0026	U	0.0024	U	0.0024	U
1,2-Dibromoethane	106-93-4		mg/kg	0.0013	U	0.0013	U	0.0012	U	0.0012	U
1,3-Dichloropropane	142-28-9		mg/kg	0.0026	U	0.0026	U	0.0024	U	0.0024	U
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	0.00066	U	0.00065	U	0.00061	U	0.00061	U
Bromobenzene	108-86-1		mg/kg	0.0026	U	0.0026	U	0.0024	U	0.0024	U
n-Butylbenzene	104-51-8	12	mg/kg	0.0013	U	0.0013	U	0.049		0.0012	U
sec-Butylbenzene	135-98-8	11	mg/kg	0.0013	U	0.0013	U	0.027		0.0012	U
tert-Butylbenzene	98-06-6	5.9	mg/kg	0.0026	U	0.0026	U	0.0037		0.0024	U
o-Chlorotoluene	95-49-8		mg/kg	0.0026	U	0.0026	U	0.0024	U	0.0024	U
p-Chlorotoluene	106-43-4		mg/kg	0.0026	U	0.0026	U	0.0024	U	0.0024	U
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	0.004	U	0.0039	U	0.0037	U	0.0037	U
Hexachlorobutadiene	87-68-3		mg/kg	0.0053	U	0.0052	U	0.0049	U	0.0049	U
Isopropylbenzene	98-82-8		mg/kg	0.0013	U	0.0013	U	0.0084		0.0012	U
p-Isopropyltoluene	99-87-6		mg/kg	0.0013	U	0.0013	U	0.025		0.0012	U
Naphthalene	91-20-3	12	mg/kg	0.0053	U	0.0052	U	0.01		0.0049	U
Acrylonitrile	107-13-1		mg/kg	0.0053	U	0.0052	U	0.0049	U	0.0049	U
n-Propylbenzene	103-65-1	3.9	mg/kg	0.0013	U	0.0013	U	0.023		0.0012	U
1,2,3-Trichlorobenzene	87-61-6		mg/kg	0.0026	U	0.0026	U	0.0024	U	0.0024	U
1,2,4-Trichlorobenzene	120-82-1		mg/kg	0.0026	U	0.0026	U	0.0024	U	0.0024	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.0026	U	0.0026	U	0.092		0.0024	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.0026	U	0.0026	U	0.22		0.0024	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.11	U	0.1	U	0.098	U	0.098	U
p-Diethylbenzene	105-05-5		mg/kg	0.0026	U	0.0026	U	0.25		0.0024	U
p-Ethyltoluene	622-96-8		mg/kg	0.0026	U	0.0026	U	0.045		0.0024	U
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	0.0026	U	0.0026	U	0.089		0.0024	U

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

LOCATION					RA-78		RA-78A		RA-78B		RA-78C	
SAMPLING DATE					4/5/2022		4/5/2022		4/5/2022		4/5/2022	
LAB SAMPLE ID					L2217302-01		L2217302-02		L2217302-03		L2217302-04	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)												
	CasNum	NY-UNRE	Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035												
Ethyl ether	60-29-7		mg/kg		0.0026	U	0.0026	U	0.0024	U	0.0024	U
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg		0.0066	U	0.0065	U	0.0061	U	0.0061	U

Qualifiers:

U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-6 (9-9.5)				RA-8 (13.5-14)				RA-9 (20.5-21)				RA-10 (24.5-25)			
		LAB ID:	L2214842-01				L2215513-01				L2215063-01				L2215513-02			
		COLLECTION DATE:	3/22/2022				3/24/2022				3/23/2022				3/24/2022			
		SAMPLE DEPTH:																
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
ANALYTE	CAS	NY-UNRES (mg/kg)	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	ND		0.0048	0.0022	ND		0.0057	0.0026	ND		0.0058	0.0026	ND		0.0058	0.0026
1,1-Dichloroethane	75-34-3	0.27	ND		0.00097	0.00014	ND		0.0011	0.00016	ND		0.0012	0.00017	ND		0.0012	0.00017
Chloroform	67-66-3	0.37	ND		0.0014	0.00014	ND		0.0017	0.00016	ND		0.0017	0.00016	ND		0.0017	0.00016
Carbon tetrachloride	56-23-5	0.76	ND		0.00097	0.00022	ND		0.0011	0.00026	ND		0.0012	0.00026	ND		0.0012	0.00026
1,2-Dichloropropane	78-87-5		ND		0.00097	0.00012	ND		0.0011	0.00014	ND		0.0012	0.00014	ND		0.0012	0.00014
Dibromochloromethane	124-48-1		ND		0.00097	0.00014	ND		0.0011	0.00016	ND		0.0012	0.00016	ND		0.0012	0.00016
1,1,2-Trichloroethane	79-00-5		ND		0.00097	0.00026	ND		0.0011	0.0003	ND		0.0012	0.00031	ND		0.0012	0.00031
Tetrachloroethene	127-18-4	1.3	ND		0.00048	0.00019	ND		0.00057	0.00022	ND		0.00058	0.00022	ND		0.00058	0.00023
Chlorobenzene	108-90-7	1.1	ND		0.00048	0.00012	ND		0.00057	0.00014	ND		0.00058	0.00015	ND		0.00058	0.00015
Trichlorofluoromethane	75-69-4		ND		0.0039	0.00067	ND		0.0045	0.00079	ND		0.0046	0.0008	ND		0.0046	0.0008
1,2-Dichloroethane	107-06-2	0.02	ND		0.00097	0.00025	ND		0.0011	0.00029	ND		0.0012	0.0003	ND		0.0012	0.0003
1,1,1-Trichloroethane	71-55-6	0.68	ND		0.00048	0.00016	ND		0.00057	0.00019	ND		0.00058	0.00019	ND		0.00058	0.00019
Bromodichloromethane	75-27-4		ND		0.00048	0.0001	ND		0.00057	0.00012	ND		0.00058	0.00012	ND		0.00058	0.00013
trans-1,3-Dichloropropene	10061-02-6		ND		0.00097	0.00026	ND		0.0011	0.00031	ND		0.0012	0.00031	ND		0.0012	0.00032
cis-1,3-Dichloropropene	10061-01-5		ND		0.00048	0.00015	ND		0.00057	0.00018	ND		0.00058	0.00018	ND		0.00058	0.00018
1,3-Dichloropropene, Total	542-75-6		ND		0.00048	0.00015	ND		0.00057	0.00018	ND		0.00058	0.00018	ND		0.00058	0.00018
1,1-Dichloropropene	563-58-6		ND		0.00048	0.00015	ND		0.00057	0.00018	ND		0.00058	0.00018	ND		0.00058	0.00018
Bromoform	75-25-2		ND		0.0039	0.00024	ND		0.0045	0.00028	ND		0.0046	0.00028	ND		0.0046	0.00028
1,1,2,2-Tetrachloroethane	79-34-5		ND		0.00048	0.00016	ND		0.00057	0.00019	ND		0.00058	0.00019	ND		0.00058	0.00019
Benzene	71-43-2	0.06	ND		0.00048	0.00016	ND		0.00057	0.00019	ND		0.00058	0.00019	ND		0.00058	0.00019
Toluene	108-88-3	0.7	0.0014		0.00097	0.00052	0.00069	J	0.0011	0.00062	0.0011	J	0.0012	0.00063	0.00068	J	0.0012	0.00063
Ethylbenzene	100-41-4	1	ND		0.00097	0.00014	ND		0.0011	0.00016	ND		0.0012	0.00016	ND		0.0012	0.00016
Chloromethane	74-87-3		ND		0.0039	0.0009	ND		0.0045	0.001	ND		0.0046	0.0011	ND		0.0046	0.0011
Bromomethane	74-83-9		ND		0.0019	0.00056	ND		0.0023	0.00066	ND		0.0023	0.00067	ND		0.0023	0.00067
Vinyl chloride	75-01-4	0.02	ND		0.00097	0.00032	ND		0.0011	0.00038	ND		0.0012	0.00039	ND		0.0012	0.00039
Chloroethane	75-00-3		ND		0.0019	0.00044	ND		0.0023	0.00051	ND		0.0023	0.00052	ND		0.0023	0.00052
1,1-Dichloroethene	75-35-4	0.33	ND		0.00097	0.00023	ND		0.0011	0.00027	ND		0.0012	0.00027	ND		0.0012	0.00028
trans-1,2-Dichloroethene	156-60-5	0.19	ND		0.0014	0.00013	ND		0.0017	0.00016	ND		0.0017	0.00016	ND		0.0017	0.00016
Trichloroethene	79-01-6	0.47	ND		0.00048	0.00013	ND		0.00057	0.00016	ND		0.00058	0.00016	ND		0.00058	0.00016
1,2-Dichlorobenzene	95-50-1	1.1	ND		0.0019	0.00014	ND		0.0023	0.00016	ND		0.0023	0.00017	ND		0.0023	0.00017
1,3-Dichlorobenzene	541-73-1	2.4	ND		0.0019	0.00014	ND		0.0023	0.00017	ND		0.0023	0.00017	ND		0.0023	0.00017
1,4-Dichlorobenzene	106-46-7	1.8	ND		0.0019	0.00016	ND		0.0023	0.00019	ND		0.0023	0.0002	ND		0.0023	0.0002
Methyl tert butyl ether	1634-04-4	0.93	ND		0.0019	0.00019	ND		0.0023	0.00023	ND		0.0023	0.00023	ND		0.0023	0.00023
p/m-Xylene	179601-23-1		ND		0.0019	0.00054	ND		0.0023	0.00064	ND		0.0023	0.00064	ND		0.0023	0.00065
o-Xylene	95-47-6		ND		0.00097	0.00028	ND		0.0011	0.00033	ND		0.0012	0.00034	ND		0.0012	0.00034
Xylenes, Total	1330-20-7	0.26	ND		0.00097	0.00028	ND		0.0011	0.00033	ND		0.0012	0.00034	ND		0.0012	0.00034
cis-1,2-Dichloroethene	156-59-2	0.25	ND		0.00097	0.00017	ND		0.0011	0.0002	ND		0.0012	0.0002	ND		0.0012	0.0002
1,2-Dichloroethene, Total	540-59-0		ND		0.00097	0.00013	ND		0.0011	0.00016	ND		0.0012	0.00016	ND		0.0012	0.00016
Dibromomethane	74-95-3		ND		0.0019	0.00023	ND		0.0023	0.00027	ND		0.0023	0.00027	ND		0.0023	0.00028

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-6 (9-9.5)				RA-8 (13.5-14)				RA-9 (20.5-21)				RA-10 (24.5-25)			
		LAB ID:	L2214842-01				L2215513-01				L2215063-01				L2215513-02			
		COLLECTION DATE:	3/22/2022				3/24/2022				3/23/2022				3/24/2022			
		SAMPLE DEPTH:																
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																
ANALYTE	**CAS**	**(mg/kg)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS BY EPA 5035																		
Styrene	100-42-5		0.00039	J	0.00097	0.00019	0.00039	J	0.0011	0.00022	ND		0.0012	0.00022	0.00038	J	0.0012	0.00023
Dichlorodifluoromethane	75-71-8		ND		0.0097	0.00088	ND		0.011	0.001	ND		0.012	0.001	ND		0.012	0.001
Acetone	67-64-1	0.05	ND		0.0097	0.0046	ND		0.011	0.0055	ND		0.012	0.0055	ND		0.012	0.0056
Carbon disulfide	75-15-0		ND		0.0097	0.0044	ND		0.011	0.0052	ND		0.012	0.0052	ND		0.012	0.0053
2-Butanone	78-93-3	0.12	ND		0.0097	0.0021	ND		0.011	0.0025	ND		0.012	0.0026	ND		0.012	0.0026
Vinyl acetate	108-05-4		ND		0.0097	0.0021	ND		0.011	0.0024	ND		0.012	0.0025	ND		0.012	0.0025
4-Methyl-2-pentanone	108-10-1		ND		0.0097	0.0012	ND		0.011	0.0014	ND		0.012	0.0015	ND		0.012	0.0015
1,2,3-Trichloropropane	96-18-4		ND		0.0019	0.00012	ND		0.0023	0.00014	ND		0.0023	0.00015	ND		0.0023	0.00015
2-Hexanone	591-78-6		ND		0.0097	0.0011	ND		0.011	0.0013	ND		0.012	0.0014	ND		0.012	0.0014
Bromochloromethane	74-97-5		ND		0.0019	0.0002	ND		0.0023	0.00023	ND		0.0023	0.00024	ND		0.0023	0.00024
2,2-Dichloropropane	594-20-7		ND		0.0019	0.0002	ND		0.0023	0.00023	ND		0.0023	0.00023	ND		0.0023	0.00023
1,2-Dibromoethane	106-93-4		ND		0.00097	0.00027	ND		0.0011	0.00032	ND		0.0012	0.00032	ND		0.0012	0.00032
1,3-Dichloropropane	142-28-9		ND		0.0019	0.00016	ND		0.0023	0.00019	ND		0.0023	0.00019	ND		0.0023	0.00019
1,1,1,2-Tetrachloroethane	630-20-6		ND		0.00048	0.00013	ND		0.00057	0.00015	ND		0.00058	0.00015	ND		0.00058	0.00015
Bromobenzene	108-86-1		ND		0.0019	0.00014	ND		0.0023	0.00016	ND		0.0023	0.00017	ND		0.0023	0.00017
n-Butylbenzene	104-51-8	12	ND		0.00097	0.00016	ND		0.0011	0.00019	ND		0.0012	0.00019	ND		0.0012	0.00019
sec-Butylbenzene	135-98-8	11	ND		0.00097	0.00014	ND		0.0011	0.00016	ND		0.0012	0.00017	ND		0.0012	0.00017
tert-Butylbenzene	98-06-6	5.9	ND		0.0019	0.00011	ND		0.0023	0.00013	ND		0.0023	0.00014	ND		0.0023	0.00014
o-Chlorotoluene	95-49-8		ND		0.0019	0.00018	ND		0.0023	0.00022	ND		0.0023	0.00022	ND		0.0023	0.00022
p-Chlorotoluene	106-43-4		ND		0.0019	0.0001	ND		0.0023	0.00012	ND		0.0023	0.00012	ND		0.0023	0.00012
1,2-Dibromo-3-chloropropane	96-12-8		ND		0.0029	0.00096	ND		0.0034	0.0011	ND		0.0034	0.0012	ND		0.0035	0.0012
Hexachlorobutadiene	87-68-3		ND		0.0039	0.00016	ND		0.0045	0.00019	ND		0.0046	0.00019	ND		0.0046	0.0002
Isopropylbenzene	98-82-8		ND		0.00097	0.0001	ND		0.0011	0.00012	ND		0.0012	0.00012	ND		0.0012	0.00013
p-Isopropyltoluene	99-87-6		ND		0.00097	0.0001	ND		0.0011	0.00012	ND		0.0012	0.00012	ND		0.0012	0.00013
Naphthalene	91-20-3	12	ND		0.0039	0.00063	ND		0.0045	0.00074	ND		0.0046	0.00075	ND		0.0046	0.00075
Acrylonitrile	107-13-1		ND		0.0039	0.0011	ND		0.0045	0.0013	ND		0.0046	0.0013	ND		0.0046	0.0013
n-Propylbenzene	103-65-1	3.9	ND		0.00097	0.00016	ND		0.0011	0.00019	ND		0.0012	0.0002	ND		0.0012	0.0002
1,2,3-Trichlorobenzene	87-61-6		ND		0.0019	0.00031	ND		0.0023	0.00036	ND		0.0023	0.00037	ND		0.0023	0.00037
1,2,4-Trichlorobenzene	120-82-1		ND		0.0019	0.00026	ND		0.0023	0.00031	ND		0.0023	0.00031	ND		0.0023	0.00031
1,3,5-Trimethylbenzene	108-67-8	8.4	ND		0.0019	0.00019	ND		0.0023	0.00022	ND		0.0023	0.00022	ND		0.0023	0.00022
1,2,4-Trimethylbenzene	95-63-6	3.6	ND		0.0019	0.00032	ND		0.0023	0.00038	ND		0.0023	0.00038	ND		0.0023	0.00039
1,4-Dioxane	123-91-1	0.1	ND		0.077	0.034	ND		0.091	0.04	ND		0.092	0.04	ND		0.092	0.04
p-Diethylbenzene	105-05-5		ND		0.0019	0.00017	ND		0.0023	0.0002	ND		0.0023	0.0002	ND		0.0023	0.0002
p-Ethyltoluene	622-96-8		ND		0.0019	0.00037	ND		0.0023	0.00044	ND		0.0023	0.00044	ND		0.0023	0.00044
1,2,4,5-Tetramethylbenzene	95-93-2		ND		0.0019	0.00018	ND		0.0023	0.00022	ND		0.0023	0.00022	ND		0.0023	0.00022
Ethyl ether	60-29-7		ND		0.0019	0.00033	ND		0.0023	0.00039	ND		0.0023	0.00039	ND		0.0023	0.00039
trans-1,4-Dichloro-2-butene	110-57-6		ND		0.0048	0.0014	ND		0.0057	0.0016	ND		0.0058	0.0016	ND		0.0058	0.0016
Total VOCs			0.00179	-	-	-	0.00108	-	-	-	0.0011	-	-	-	0.00106	-	-	-
GENERAL CHEMISTRY																		
Solids, Total	NONE		97		0.1	NA	97.4		0.1	NA	94.9		0.1	NA	97.6		0.1	NA

Eight Walkup Drive, Westborough, MA 01581-1019
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Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK94598				CK94618				CK93541				CK94619			
		COLLECTION DATE:	3/22/2022				3/24/2022				3/23/2022				3/24/2022			
		SAMPLE ID:	RA-6 (9-9.5)				RA-8 (13.5-14)				RA-9 (20.5-21)				RA-10 (24.5-25)			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Miscellaneous/Inorganics																		
Percent Solid	PHNX - PCTSOLID		97				97				93				78			
Total Cyanide (SW9010C Distill.)	57-12-5	27	0.61	0.5	N	0.258	< 0.52	1	U	0.258	< 0.54	1	U	0.269	< 0.43	0.43	U	0.214
Metals, Total																		
Aluminum	7429-90-5		5,970	33		6.5	3,460	32		6.4	6,720	37		7.4	4,210	44		8.8
Antimony	7440-36-0		< 3.3	3.3	U	3.3	< 3.2	3	U	3.2	< 3.7	4	U	3.7	< 4.4	4.4	U	4.4
Arsenic	7440-38-2	13	< 0.65	0.7	U	0.65	< 0.64	1	U	0.64	0.91	1		0.74	< 0.88	0.88	U	0.88
Barium	7440-39-3	350	58.9	0.7		0.33	27	1		0.32	47.4	1		0.37	15.7	0.9		0.44
Beryllium	7440-41-7	7.2	< 0.26	0.3	U	0.13	< 0.25	0	U	0.13	0.23	0	J	0.15	< 0.35	0.35	U	0.18
Cadmium	7440-43-9	2.5	0.61	0.3		0.33	0.48	0		0.32	0.76	0		0.37	0.49	0.44		0.44
Calcium	7440-70-2		14,200	33		30	16,400	32		29	17,400	37		34	1,380	4.4		4
Chromium	7440-47-3	30	10.9	0.3		0.33	8.23	0		0.32	14.2	0		0.37	8.01	0.44		0.44
Cobalt	7440-48-4		5.91	0.3		0.33	4.77	0		0.32	6.55	0		0.37	5.9	0.44		0.44
Copper	7440-50-8	50	26.1	0.7		0.33	10.4	1		0.32	17	1		0.37	7.1	0.9		0.44
Iron	7439-89-6		10,100	33		33	10,100	32		32	12,500	37		37	8,470	4.4		4.4
Lead	7439-92-1	63	3.8	0.7		0.33	2.5	1		0.32	31.1	1		0.37	1.9	0.9		0.44
Magnesium	7439-95-4		11,200	33		33	12,900	32		32	10,600	37	N	37	1,780	4.4		4.4
Manganese	7439-96-5	1,600	157	3.3		3.3	170	3		3.2	235	4	*	3.7	168	0.44		0.44
Mercury	7439-97-6	0.18	< 0.03	0	U	0.02	< 0.03	0	U	0.02	0.04	0		0.02	< 0.03	0.03	U	0.02
Nickel	7440-02-0	30	9.28	0.3		0.33	7.5	0		0.32	10.4	0	*	0.37	5.63	0.44		0.44
Potassium	9/7/7440		1,680	7		2.5	976	6		2.5	1,770	7	N	2.9	757	9		3.4
Selenium	7782-49-2	3.9	< 1.3	1.3	U	1.1	< 1.3	1	U	1.1	< 1.5	2	U	1.3	< 1.8	1.8	U	1.5
Silver	7440-22-4	2	< 0.33	0.3	U	0.33	< 0.32	0	U	0.32	< 0.37	0	U	0.37	< 0.44	0.44	U	0.44
Sodium	7440-23-5		289	7	*	2.8	236	6	*	2.7	138	7		3.2	332	9	*	3.8
Thallium	7440-28-0		< 1.3	1.3	U	1.3	< 1.3	1	U	1.3	< 1.5	2	U	1.5	< 1.8	1.8	U	1.8
Vanadium	7440-62-2		19.5	0.3		0.33	11.7	0		0.32	19.2	0		0.37	10.9	0.44		0.44
Zinc	7440-66-6	109	24.9	0.7		0.33	16.6	1		0.32	45.6	1	*	0.37	20.7	0.9		0.44
PCBs By SW8082A																		
PCB-1016	12674-11-2	0.1	< 0.068	0.1	U	0.068	< 0.069	0	U	0.069	< 0.07	0	U	0.07	< 0.084	0.084	U	0.084
PCB-1221	11104-28-2	0.1	< 0.068	0.1	U	0.068	< 0.069	0	U	0.069	< 0.07	0	U	0.07	< 0.084	0.084	U	0.084
PCB-1232	11141-16-5	0.1	< 0.068	0.1	U	0.068	< 0.069	0	U	0.069	< 0.07	0	U	0.07	< 0.084	0.084	U	0.084
PCB-1242	53469-21-9	0.1	< 0.068	0.1	U	0.068	< 0.069	0	U	0.069	< 0.07	0	U	0.07	< 0.084	0.084	U	0.084
PCB-1248	12672-29-6	0.1	< 0.068	0.1	U	0.068	< 0.069	0	U	0.069	< 0.07	0	U	0.07	< 0.084	0.084	U	0.084
PCB-1254	11097-69-1	0.1	< 0.068	0.1	U	0.068	< 0.069	0	U	0.069	< 0.07	0	U	0.07	< 0.084	0.084	U	0.084
PCB-1260	11096-82-5	0.1	< 0.068	0.1	U	0.068	< 0.069	0	U	0.069	< 0.07	0	U	0.07	< 0.084	0.084	U	0.084
PCB-1262	37324-23-5	0.1	< 0.068	0.1	U	0.068	< 0.069	0	U	0.069	< 0.07	0	U	0.07	< 0.084	0.084	U	0.084
PCB-1268	11100-14-4	0.1	< 0.068	0.1	U	0.068	< 0.069	0	U	0.069	< 0.07	0	U	0.07	< 0.084	0.084	U	0.084
Semivolatiles By SW8270D																		
1,2,4,5-Tetrachlorobenzene	95-94-3		< 0.23	0.2	U	0.12	< 0.24	0	U	0.12	< 0.25	0	U	0.12	< 0.43	0.43	U	0.22

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK94598				CK94618				CK93541				CK94619			
		COLLECTION DATE:	3/22/2022				3/24/2022				3/23/2022				3/24/2022			
		SAMPLE ID:	RA-6 (9-9.5)				RA-8 (13.5-14)				RA-9 (20.5-21)				RA-10 (24.5-25)			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Semivolatiles By SW8270D																		
1,2,4-Trichlorobenzene	120-82-1		< 0.23	0.2	U	0.1	< 0.24	0	U	0.1	< 0.25	0	U	0.11	< 0.43	0.43	U	0.19
1,2-Dichlorobenzene	95-50-1	1.1	< 0.23	0.2	U	0.094	< 0.24	0	U	0.096	< 0.25	0	U	0.1	< 0.43	0.43	U	0.17
1,2-Diphenylhydrazine	122-66-7		< 0.23	0.2	U	0.11	< 0.24	0	U	0.11	< 0.25	0	U	0.12	< 0.43	0.43	U	0.2
1,3-Dichlorobenzene	541-73-1	2.4	< 0.23	0.2	U	0.098	< 0.24	0	U	0.1	< 0.25	0	U	0.11	< 0.43	0.43	U	0.18
1,4-Dichlorobenzene	106-46-7	1.8	< 0.23	0.2	U	0.098	< 0.24	0	U	0.1	< 0.25	0	U	0.11	< 0.43	0.43	U	0.18
2,2'-Oxybis(1-Chloropropane)	108-60-1		< 0.23	0.2	U	0.093	< 0.24	0	U	0.094	< 0.25	0	U	0.099	< 0.43	0.43	U	0.17
2,4,5-Trichlorophenol	95-95-4		< 0.23	0.2	U	0.18	< 0.24	0	U	0.19	< 0.25	0	U	0.19	< 0.43	0.43	U	0.34
2,4,6-Trichlorophenol	88-06-2		< 0.17	0.2	U	0.11	< 0.17	0	U	0.11	< 0.18	0	U	0.11	< 0.31	0.31	U	0.2
2,4-Dichlorophenol	120-83-2		< 0.17	0.2	U	0.12	< 0.17	0	U	0.12	< 0.18	0	U	0.12	< 0.31	0.31	U	0.22
2,4-Dimethylphenol	105-67-9		< 0.23	0.2	U	0.083	< 0.24	0	U	0.084	< 0.25	0	U	0.088	< 0.43	0.43	U	0.15
2,4-Dinitrophenol	51-28-5		< 0.23	0.2	U	0.23	< 0.24	0	U	0.24	< 0.25	0	U	0.25	< 0.43	0.43	U	0.43
2,4-Dinitrotoluene	121-14-2		< 0.17	0.2	U	0.13	< 0.17	0	U	0.13	< 0.18	0	U	0.14	< 0.31	0.31	U	0.24
2,6-Dinitrotoluene	606-20-2		< 0.17	0.2	U	0.11	< 0.17	0	U	0.11	< 0.18	0	U	0.11	< 0.31	0.31	U	0.19
2-Chloronaphthalene	91-58-7		< 0.23	0.2	U	0.095	< 0.24	0	U	0.096	< 0.25	0	U	0.1	< 0.43	0.43	U	0.18
2-Chlorophenol	95-57-8		< 0.23	0.2	U	0.095	< 0.24	0	U	0.096	< 0.25	0	U	0.1	< 0.43	0.43	U	0.18
2-Methylnaphthalene	91-57-6		< 0.23	0.2	U	0.099	< 0.24	0	U	0.1	< 0.25	0	U	0.11	< 0.43	0.43	U	0.18
2-Methylphenol (o-cresol)	95-48-7	0.33	< 0.23	0.2	U	0.16	< 0.24	0	U	0.16	< 0.25	0	U	0.17	< 0.33	0.33	U	0.29
2-Nitroaniline	88-74-4		< 0.23	0.2	U	0.23	< 0.24	0	U	0.24	< 0.25	0	U	0.25	< 0.43	0.43	U	0.43
2-Nitrophenol	88-75-5		< 0.23	0.2	U	0.21	< 0.24	0	U	0.21	< 0.25	0	U	0.22	< 0.43	0.43	U	0.39
3&4-Methylphenol (m&p-cresol)	HNX - M&P CRESOL		< 0.23	0.2	U	0.13	< 0.24	0	U	0.13	< 0.25	0	U	0.14	< 0.43	0.43	U	0.24
3,3'-Dichlorobenzidine	91-94-1		< 0.17	0.2	U	0.16	< 0.17	0	U	0.16	< 0.18	0	U	0.17	< 0.31	0.31	U	0.29
3-Nitroaniline	99-09-2		< 0.33	0.3	U	0.67	< 0.34	0	U	0.68	< 0.35	0	U	0.71	< 0.62	0.62	U	1.2
4,6-Dinitro-2-methylphenol	534-52-1		< 0.2	0.2	U	0.067	< 0.2	0	U	0.068	< 0.21	0	U	0.071	< 0.37	0.37	U	0.12
4-Bromophenyl phenyl ether	101-55-3		< 0.23	0.2	U	0.098	< 0.24	0	U	0.1	< 0.25	0	U	0.1	< 0.43	0.43	U	0.18
4-Chloro-3-methylphenol	59-50-7		< 0.23	0.2	U	0.12	< 0.24	0	U	0.12	< 0.25	0	U	0.12	< 0.43	0.43	U	0.22
4-Chloroaniline	106-47-8		< 0.27	0.3	U	0.16	< 0.27	0	U	0.16	< 0.28	0	U	0.17	< 0.49	0.49	U	0.29
4-Chlorophenyl phenyl ether	7005-72-3		< 0.23	0.2	U	0.11	< 0.24	0	U	0.11	< 0.25	0	U	0.12	< 0.43	0.43	U	0.21
4-Nitroaniline	100-01-6		< 0.33	0.3	U	0.11	< 0.34	0	U	0.11	< 0.35	0	U	0.12	< 0.62	0.62	U	0.21
4-Nitrophenol	100-02-7		< 0.33	0.3	U	0.15	< 0.34	0	U	0.15	< 0.35	0	U	0.16	< 0.62	0.62	U	0.28
Acenaphthene	83-32-9	20	< 0.23	0.2	U	0.1	< 0.24	0	U	0.1	< 0.25	0	U	0.11	< 0.43	0.43	U	0.19
Acenaphthylene	208-96-8	100	< 0.23	0.2	U	0.093	< 0.24	0	U	0.095	< 0.25	0	U	0.099	< 0.43	0.43	U	0.17
Acetophenone	98-86-2		< 0.23	0.2	U	0.1	< 0.24	0	U	0.11	< 0.25	0	U	0.11	< 0.43	0.43	U	0.19
Aniline	62-53-3		< 0.27	0.3	U	0.27	< 0.27	0	U	0.27	< 0.28	0	U	0.28	< 0.49	0.49	U	0.49
Anthracene	120-12-7	100	< 0.23	0.2	U	0.11	< 0.24	0	U	0.11	< 0.25	0	U	0.12	< 0.43	0.43	U	0.2
Benz(a)anthracene	56-55-3	1	< 0.23	0.2	U	0.11	< 0.24	0	U	0.11	< 0.25	0	U	0.12	< 0.43	0.43	U	0.21
Benzidine	92-87-5		< 0.33	0.3	U	0.2	< 0.34	0	U	0.2	< 0.35	0	U	0.21	< 0.62	0.62	U	0.36
Benzo(a)pyrene	50-32-8	1	< 0.17	0.2	U	0.11	< 0.17	0	U	0.11	< 0.18	0	U	0.12	< 0.31	0.31	U	0.2
Benzo(b)fluoranthene	205-99-2	1	< 0.23	0.2	U	0.11	< 0.24	0	U	0.12	< 0.25	0	U	0.12	< 0.43	0.43	U	0.21
Benzo(ghi)perylene	191-24-2	100	< 0.23	0.2	U	0.11	< 0.24	0	U	0.11	< 0.25	0	U	0.11	< 0.43	0.43	U	0.2
Benzo(k)fluoranthene	207-08-9	0.8	< 0.23	0.2	U	0.11	< 0.24	0	U	0.11	< 0.25	0	U	0.12	< 0.43	0.43	U	0.2

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK94598				CK94618				CK93541				CK94619			
		COLLECTION DATE:	3/22/2022				3/24/2022				3/23/2022				3/24/2022			
		SAMPLE ID:	RA-6 (9-9.5)				RA-8 (13.5-14)				RA-9 (20.5-21)				RA-10 (24.5-25)			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Semivolatiles By SW8270D																		
Benzoic acid	65-85-0		< 1.7	1.7	U	0.67	< 1.7	2	U	0.68	< 1.8	2	U	0.71	< 3.1	3.1	U	1.2
Benzyl butyl phthalate	85-68-7		< 0.23	0.2	U	0.086	< 0.24	0	U	0.087	< 0.25	0	U	0.092	< 0.43	0.43	U	0.16
Bis(2-chloroethoxy)methane	111-91-1		< 0.23	0.2	U	0.092	< 0.24	0	U	0.094	< 0.25	0	U	0.098	< 0.43	0.43	U	0.17
Bis(2-chloroethyl)ether	111-44-4		< 0.17	0.2	U	0.09	< 0.17	0	U	0.092	< 0.18	0	U	0.096	< 0.31	0.31	U	0.17
Bis(2-ethylhexyl)phthalate	117-81-7		< 0.23	0.2	U	0.096	< 0.24	0	U	0.098	< 0.25	0	U	0.1	< 0.43	0.43	U	0.18
Carbazole	86-74-8		< 0.17	0.2	U	0.13	< 0.17	0	U	0.14	< 0.18	0	U	0.14	< 0.31	0.31	U	0.25
Chrysene	218-01-9	1	< 0.23	0.2	U	0.11	< 0.24	0	U	0.11	< 0.25	0	U	0.12	< 0.43	0.43	U	0.21
Dibenz(a,h)anthracene	53-70-3	0.33	< 0.17	0.2	U	0.11	< 0.17	0	U	0.11	< 0.18	0	U	0.11	< 0.31	0.31	U	0.2
Dibenzofuran	132-64-9	7	< 0.23	0.2	U	0.097	< 0.24	0	U	0.099	< 0.25	0	U	0.1	< 0.43	0.43	U	0.18
Diethyl phthalate	84-66-2		< 0.23	0.2	U	0.11	< 0.24	0	U	0.11	< 0.25	0	U	0.11	< 0.43	0.43	U	0.19
Dimethylphthalate	131-11-3		< 0.23	0.2	U	0.1	< 0.24	0	U	0.11	< 0.25	0	U	0.11	< 0.43	0.43	U	0.19
Di-n-butylphthalate	84-74-2		< 0.23	0.2	U	0.089	< 0.24	0	U	0.09	< 0.25	0	U	0.094	< 0.43	0.43	U	0.16
Di-n-octylphthalate	117-84-0		< 0.23	0.2	U	0.086	< 0.24	0	U	0.087	< 0.25	0	U	0.092	< 0.43	0.43	U	0.16
Fluoranthene	206-44-0	100	< 0.23	0.2	U	0.11	< 0.24	0	U	0.11	0.16	0	J	0.11	< 0.43	0.43	U	0.2
Fluorene	86-73-7	30	< 0.23	0.2	U	0.11	< 0.24	0	U	0.11	< 0.25	0	U	0.12	< 0.43	0.43	U	0.2
Hexachlorobenzene	118-74-1	0.33	< 0.17	0.2	U	0.097	< 0.17	0	U	0.099	< 0.18	0	U	0.1	< 0.31	0.31	U	0.18
Hexachlorobutadiene	87-68-3		< 0.23	0.2	U	0.12	< 0.24	0	U	0.12	< 0.25	0	U	0.13	< 0.43	0.43	U	0.22
Hexachlorocyclopentadiene	77-47-4		< 0.23	0.2	U	0.1	< 0.24	0	U	0.1	< 0.25	0	U	0.11	< 0.43	0.43	U	0.19
Hexachloroethane	67-72-1		< 0.17	0.2	U	0.1	< 0.17	0	U	0.1	< 0.18	0	U	0.11	< 0.31	0.31	U	0.18
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	< 0.23	0.2	U	0.11	< 0.24	0	U	0.11	< 0.25	0	U	0.12	< 0.43	0.43	U	0.2
Isophorone	78-59-1		< 0.17	0.2	U	0.093	< 0.17	0	U	0.095	< 0.18	0	U	0.099	< 0.31	0.31	U	0.17
Naphthalene	91-20-3	12	< 0.23	0.2	U	0.096	< 0.24	0	U	0.098	< 0.25	0	U	0.1	< 0.43	0.43	U	0.18
Nitrobenzene	98-95-3		< 0.17	0.2	U	0.12	< 0.17	0	U	0.12	< 0.18	0	U	0.12	< 0.31	0.31	U	0.22
N-Nitrosodimethylamine	62-75-9		< 0.23	0.2	U	0.094	< 0.24	0	U	0.096	< 0.25	0	U	0.1	< 0.43	0.43	U	0.17
N-Nitrosodi-n-propylamine	621-64-7		< 0.17	0.2	U	0.11	< 0.17	0	U	0.11	< 0.18	0	U	0.11	< 0.31	0.31	U	0.2
N-Nitrosodiphenylamine	86-30-6		< 0.23	0.2	U	0.13	< 0.24	0	U	0.13	< 0.25	0	U	0.14	< 0.43	0.43	U	0.24
Pentachloronitrobenzene	82-68-8		< 0.23	0.2	U	0.12	< 0.24	0	U	0.13	< 0.25	0	U	0.13	< 0.43	0.43	U	0.23
Pentachlorophenol	87-86-5	0.8	< 0.2	0.2	U	0.13	< 0.2	0	U	0.13	< 0.21	0	U	0.13	< 0.37	0.37	U	0.23
Phenanthrene	85-01-8	100	< 0.23	0.2	U	0.095	< 0.24	0	U	0.097	< 0.25	0	U	0.1	< 0.43	0.43	U	0.18
Phenol	108-95-2	0.33	< 0.23	0.2	U	0.11	< 0.24	0	U	0.11	< 0.25	0	U	0.11	< 0.33	0.33	U	0.2
Pyrene	129-00-0	100	< 0.23	0.2	U	0.11	< 0.24	0	U	0.12	0.16	0	J	0.12	< 0.43	0.43	U	0.21
Pyridine	110-86-1		< 0.23	0.2	U	0.082	< 0.24	0	U	0.083	< 0.25	0	U	0.087	< 0.43	0.43	U	0.15

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK94598				CK94618				CK93541				CK94619			
		COLLECTION DATE:	3/22/2022				3/24/2022				3/23/2022				3/24/2022			
		SAMPLE ID:	RA-6 (9-9.5)				RA-8 (13.5-14)				RA-9 (20.5-21)				RA-10 (24.5-25)			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Pesticides - Soil By SW8081B																		
4,4' -DDD	72-54-8	0.0033	< 0.002	0	U	0.002	< 0.0021	0	U	0.0021	< 0.0021	0	U	0.0021	< 0.0025	0.0025	U	0.0025
4,4' -DDE	72-55-9	0.0033	< 0.002	0	U	0.002	< 0.0021	0	U	0.0021	< 0.0021	0	U	0.0021	< 0.0025	0.0025	U	0.0025
4,4' -DDT	50-29-3	0.0033	< 0.002	0	U	0.002	< 0.0021	0	U	0.0021	< 0.003	0	U	0.003	< 0.0025	0.0025	U	0.0025
a-BHC	319-84-6	0.02	< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069	< 0.007	0	U	0.007	< 0.0084	0.0084	U	0.0084
a-Chlordane	5103-71-9	0.094	< 0.0034	0	U	0.0034	< 0.0034	0	U	0.0034	< 0.0035	0	U	0.0035	< 0.0042	0.0042	U	0.0042
Alachlor	15972-60-8		< 0.0034	0	U	0.0034	< 0.0034	0	U	0.0034	< 0.0035	0	U	0.0035	< 0.0042	0.0042	U	0.0042
Aldrin	309-00-2	0.005	< 0.0034	0	U	0.0034	< 0.0034	0	U	0.0034	< 0.0035	0	U	0.0035	< 0.0042	0.0042	U	0.0042
b-BHC	319-85-7	0.036	< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069	< 0.007	0	U	0.007	< 0.0084	0.0084	U	0.0084
Chlordane	57-74-9		< 0.034	0	U	0.034	< 0.034	0	U	0.034	< 0.035	0	U	0.035	< 0.042	0.042	U	0.042
d-BHC	319-86-8	0.04	< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069	< 0.007	0	U	0.007	< 0.0084	0.0084	U	0.0084
Dieldrin	60-57-1	0.005	< 0.0034	0	U	0.0034	< 0.0034	0	U	0.0034	< 0.0035	0	U	0.0035	< 0.0042	0.0042	U	0.0042
Endosulfan I	959-98-8	2.4	< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069	< 0.007	0	U	0.007	< 0.0084	0.0084	U	0.0084
Endosulfan II	33213-65-9	2.4	< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069	< 0.007	0	U	0.007	< 0.0084	0.0084	U	0.0084
Endosulfan sulfate	1031-07-8	2.4	< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069	< 0.007	0	U	0.007	< 0.0084	0.0084	U	0.0084
Endrin	72-20-8	0.014	< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069	< 0.007	0	U	0.007	< 0.0084	0.0084	U	0.0084
Endrin aldehyde	7421-93-4		< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069	< 0.007	0	U	0.007	< 0.0084	0.0084	U	0.0084
Endrin ketone	53494-70-5		< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069	< 0.007	0	U	0.007	< 0.0084	0.0084	U	0.0084
g-BHC	58-89-9	0.1	< 0.0014	0	U	0.0014	< 0.0014	0	U	0.0014	< 0.005	0	U	0.005	< 0.0017	0.0017	U	0.0017
g-Chlordane	5103-74-2		< 0.0034	0	U	0.0034	< 0.0034	0	U	0.0034	< 0.0035	0	U	0.0035	< 0.0042	0.0042	U	0.0042
Heptachlor	76-44-8	0.042	< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069	< 0.007	0	U	0.007	< 0.0084	0.0084	U	0.0084
Heptachlor epoxide	1024-57-3		< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069	< 0.007	0	U	0.007	< 0.0084	0.0084	U	0.0084
Methoxychlor	72-43-5		< 0.034	0	U	0.034	< 0.034	0	U	0.034	< 0.035	0	U	0.035	< 0.042	0.042	U	0.042
Toxaphene	8001-35-2		< 0.14	0.1	U	0.14	< 0.14	0	U	0.14	< 0.14	0	U	0.14	< 0.17	0.17	U	0.17

Qualifiers:

U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-19 (15-15.5)				RA-20 (17-17.5)				RA-21 (23-23.5)				RA-25 (19-19.5)			
		LAB ID:	L2214842-02				L2215063-02				L2215513-04				L2215673-01			
		COLLECTION DATE:	3/22/2022				3/23/2022				3/24/2022				3/25/2022			
		SAMPLE DEPTH:													SOIL			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL							
		NY-UNRES													Conc	Q	RL	MDL
ANALYTE	CAS	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL				
VOLATILE ORGANICS BY EPA 5035																		
Methylene chloride	75-09-2	0.05	ND		0.0052	0.0024	ND		0.0066	0.003	ND		0.0058	0.0026	ND		0.0012	0.00017
1,1-Dichloroethane	75-34-3	0.27	ND		0.001	0.00015	ND		0.0013	0.00019	ND		0.0012	0.00017	ND		0.0017	0.00016
Chloroform	67-66-3	0.37	ND		0.0016	0.00014	ND		0.002	0.00018	ND		0.0017	0.00016	ND		0.0012	0.00027
Carbon tetrachloride	56-23-5	0.76	ND		0.001	0.00024	ND		0.0013	0.0003	ND		0.0012	0.00027	ND		0.0012	0.00014
1,2-Dichloropropane	78-87-5		ND		0.001	0.00013	ND		0.0013	0.00016	ND		0.0012	0.00014	ND		0.0012	0.00016
Dibromochloromethane	124-48-1		ND		0.001	0.00014	ND		0.0013	0.00018	ND		0.0012	0.00016	ND		0.0012	0.00031
1,1,2-Trichloroethane	79-00-5		ND		0.001	0.00028	ND		0.0013	0.00035	ND		0.0012	0.00031	ND		0.00058	0.00023
Tetrachloroethene	127-18-4	1.3	ND		0.00052	0.0002	ND		0.00066	0.00026	ND		0.00058	0.00023	ND		0.00058	0.00015
Chlorobenzene	108-90-7	1.1	ND		0.00052	0.00013	ND		0.00066	0.00017	ND		0.00058	0.00015	ND		0.0046	0.00081
Trichlorofluoromethane	75-69-4		ND		0.0041	0.00072	ND		0.0053	0.00092	ND		0.0046	0.0008	ND		0.0012	0.0003
1,2-Dichloroethane	107-06-2	0.02	ND		0.001	0.00027	ND		0.0013	0.00034	ND		0.0012	0.0003	ND		0.00058	0.00019
1,1,1-Trichloroethane	71-55-6	0.68	ND		0.00052	0.00017	ND		0.00066	0.00022	ND		0.00058	0.00019	ND		0.00058	0.00013
Bromodichloromethane	75-27-4		ND		0.00052	0.00011	ND		0.00066	0.00014	ND		0.00058	0.00013	ND		0.0012	0.00032
trans-1,3-Dichloropropene	10061-02-6		ND		0.001	0.00028	ND		0.0013	0.00036	ND		0.0012	0.00032	ND		0.00058	0.00018
cis-1,3-Dichloropropene	10061-01-5		ND		0.00052	0.00016	ND		0.00066	0.00021	ND		0.00058	0.00018	ND		0.00058	0.00018
1,3-Dichloropropene, Total	542-75-6		ND		0.00052	0.00016	ND		0.00066	0.00021	ND		0.00058	0.00018	ND		0.00058	0.00018
1,1-Dichloropropene	563-58-6		ND		0.00052	0.00016	ND		0.00066	0.00021	ND		0.00058	0.00018	ND		0.0046	0.00028
Bromoform	75-25-2		ND		0.0041	0.00025	ND		0.0053	0.00033	ND		0.0046	0.00028	ND		0.00058	0.00019
1,1,2,2-Tetrachloroethane	79-34-5		ND		0.00052	0.00017	ND		0.00066	0.00022	ND		0.00058	0.00019	ND		0.00058	0.00019
Benzene	71-43-2	0.06	ND		0.00052	0.00017	ND		0.00066	0.00022	ND		0.00058	0.00019	ND		0.0012	0.00063
Toluene	108-88-3	0.7	0.0011		0.001	0.00056	0.0013		0.0013	0.00072	ND		0.0012	0.00063	ND		0.0012	0.00016
Ethylbenzene	100-41-4	1	ND		0.001	0.00015	ND		0.0013	0.00019	ND		0.0012	0.00016	ND		0.0046	0.0011
Chloromethane	74-87-3		ND		0.0041	0.00097	ND		0.0053	0.0012	ND		0.0046	0.0011	ND		0.0023	0.00067
Bromomethane	74-83-9		ND		0.0021	0.0006	ND		0.0026	0.00077	ND		0.0023	0.00067	ND		0.0012	0.00039
Vinyl chloride	75-01-4	0.02	ND		0.001	0.00035	ND		0.0013	0.00044	ND		0.0012	0.00039	ND		0.0023	0.00052
Chloroethane	75-00-3		ND		0.0021	0.00047	ND		0.0026	0.0006	ND		0.0023	0.00052	ND		0.0012	0.00028
1,1-Dichloroethene	75-35-4	0.33	ND		0.001	0.00025	ND		0.0013	0.00032	ND		0.0012	0.00028	ND		0.0017	0.00016
trans-1,2-Dichloroethene	156-60-5	0.19	ND		0.0016	0.00014	ND		0.002	0.00018	ND		0.0017	0.00016	ND		0.00058	0.00016
Trichloroethene	79-01-6	0.47	ND		0.00052	0.00014	ND		0.00066	0.00018	ND		0.00058	0.00016	ND		0.0023	0.00017
1,2-Dichlorobenzene	95-50-1	1.1	ND		0.0021	0.00015	ND		0.0026	0.00019	ND		0.0023	0.00017	ND		0.0023	0.00017
1,3-Dichlorobenzene	541-73-1	2.4	ND		0.0021	0.00015	ND		0.0026	0.0002	ND		0.0023	0.00017	ND		0.0023	0.0002
1,4-Dichlorobenzene	106-46-7	1.8	ND		0.0021	0.00018	ND		0.0026	0.00023	ND		0.0023	0.0002	ND		0.0023	0.00023
Methyl tert butyl ether	1634-04-4	0.93	ND		0.0021	0.00021	ND		0.0026	0.00027	ND		0.0023	0.00023	ND		0.0023	0.00065
p/m-Xylene	179601-23-1		ND		0.0021	0.00058	ND		0.0026	0.00074	ND		0.0023	0.00065	ND		0.0012	0.00034
o-Xylene	95-47-6		ND		0.001	0.0003	ND		0.0013	0.00038	ND		0.0012	0.00034	ND		0.0012	0.00034
Xylenes, Total	1330-20-7	0.26	ND		0.001	0.0003	ND		0.0013	0.00038	ND		0.0012	0.00034	ND		0.0012	0.0002
cis-1,2-Dichloroethene	156-59-2	0.25	ND		0.001	0.00018	ND		0.0013	0.00023	ND		0.0012	0.0002	ND		0.0012	0.00016
1,2-Dichloroethene, Total	540-59-0		ND		0.001	0.00014	ND		0.0013	0.00018	ND		0.0012	0.00016	ND		0.0023	0.00028
Dibromomethane	74-95-3		ND		0.0021	0.00025	ND		0.0026	0.00032	ND		0.0023	0.00028	ND		0.0012	0.00023

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-19 (15-15.5)				RA-20 (17-17.5)				RA-21 (23-23.5)				RA-25 (19-19.5)			
		LAB ID:	L2214842-02				L2215063-02				L2215513-04				L2215673-01			
		COLLECTION DATE:	3/22/2022				3/23/2022				3/24/2022				3/25/2022			
		SAMPLE DEPTH:													SOIL			
		SAMPLE MATRIX:	SOIL				SOIL				SOIL							
		NY-UNRES													Conc	Q	RL	MDL
ANALYTE	CAS	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL				
VOLATILE ORGANICS BY EPA 5035																		
Styrene	100-42-5		0.0002	J	0.001	0.0002	0.00026	J	0.0013	0.00026	0.00031	J	0.0012	0.00023	ND		0.012	0.0011
Dichlorodifluoromethane	75-71-8		ND		0.01	0.00095	ND		0.013	0.0012	ND		0.012	0.0011	ND		0.012	0.0056
Acetone	67-64-1	0.05	ND		0.01	0.005	ND		0.013	0.0064	ND		0.012	0.0056	ND		0.012	0.0053
Carbon disulfide	75-15-0		ND		0.01	0.0047	ND		0.013	0.006	ND		0.012	0.0053	ND		0.012	0.0026
2-Butanone	78-93-3	0.12	ND		0.01	0.0023	ND		0.013	0.0029	ND		0.012	0.0026	ND		0.012	0.0025
Vinyl acetate	108-05-4		ND		0.01	0.0022	ND		0.013	0.0028	ND		0.012	0.0025	ND		0.012	0.0015
4-Methyl-2-pentanone	108-10-1		ND		0.01	0.0013	ND		0.013	0.0017	ND		0.012	0.0015	ND		0.0023	0.00015
1,2,3-Trichloropropane	96-18-4		ND		0.0021	0.00013	ND		0.0026	0.00017	ND		0.0023	0.00015	ND		0.012	0.0014
2-Hexanone	591-78-6		ND		0.01	0.0012	ND		0.013	0.0016	ND		0.012	0.0014	ND		0.0023	0.00024
Bromochloromethane	74-97-5		ND		0.0021	0.00021	ND		0.0026	0.00027	ND		0.0023	0.00024	ND		0.0023	0.00023
2,2-Dichloropropane	594-20-7		ND		0.0021	0.00021	ND		0.0026	0.00027	ND		0.0023	0.00023	ND		0.0012	0.00032
1,2-Dibromoethane	106-93-4		ND		0.001	0.00029	ND		0.0013	0.00037	ND		0.0012	0.00032	ND		0.0023	0.00019
1,3-Dichloropropane	142-28-9		ND		0.0021	0.00017	ND		0.0026	0.00022	ND		0.0023	0.00019	ND		0.00058	0.00015
1,1,1,2-Tetrachloroethane	630-20-6		ND		0.00052	0.00014	ND		0.00066	0.00017	ND		0.00058	0.00015	ND		0.0023	0.00017
Bromobenzene	108-86-1		ND		0.0021	0.00015	ND		0.0026	0.00019	ND		0.0023	0.00017	ND		0.0012	0.00019
n-Butylbenzene	104-51-8	12	ND		0.001	0.00017	ND		0.0013	0.00022	ND		0.0012	0.00019	ND		0.0012	0.00017
sec-Butylbenzene	135-98-8	11	ND		0.001	0.00015	ND		0.0013	0.00019	ND		0.0012	0.00017	ND		0.0023	0.00014
tert-Butylbenzene	98-06-6	5.9	ND		0.0021	0.00012	ND		0.0026	0.00016	ND		0.0023	0.00014	ND		0.0023	0.00022
o-Chlorotoluene	95-49-8		ND		0.0021	0.0002	ND		0.0026	0.00025	ND		0.0023	0.00022	ND		0.0023	0.00012
p-Chlorotoluene	106-43-4		ND		0.0021	0.00011	ND		0.0026	0.00014	ND		0.0023	0.00012	ND		0.0035	0.0012
1,2-Dibromo-3-chloropropane	96-12-8		ND		0.0031	0.001	ND		0.004	0.0013	ND		0.0035	0.0012	ND		0.0046	0.0002
Hexachlorobutadiene	87-68-3		ND		0.0041	0.00018	ND		0.0053	0.00022	ND		0.0046	0.0002	ND		0.0012	0.00013
Isopropylbenzene	98-82-8		ND		0.001	0.00011	ND		0.0013	0.00014	ND		0.0012	0.00013	ND		0.0012	0.00013
p-Isopropyltoluene	99-87-6		ND		0.001	0.00011	ND		0.0013	0.00014	ND		0.0012	0.00013	ND		0.0046	0.00075
Naphthalene	91-20-3	12	ND		0.0041	0.00067	ND		0.0053	0.00086	ND		0.0046	0.00075	ND		0.0046	0.0013
Acrylonitrile	107-13-1		ND		0.0041	0.0012	ND		0.0053	0.0015	ND		0.0046	0.0013	ND		0.0012	0.0002
n-Propylbenzene	103-65-1	3.9	ND		0.001	0.00018	ND		0.0013	0.00023	ND		0.0012	0.0002	ND		0.0023	0.00037
1,2,3-Trichlorobenzene	87-61-6		ND		0.0021	0.00033	ND		0.0026	0.00043	ND		0.0023	0.00037	ND		0.0023	0.00032
1,2,4-Trichlorobenzene	120-82-1		ND		0.0021	0.00028	ND		0.0026	0.00036	ND		0.0023	0.00032	ND		0.0023	0.00022
1,3,5-Trimethylbenzene	108-67-8	8.4	ND		0.0021	0.0002	ND		0.0026	0.00026	ND		0.0023	0.00022	ND		0.0023	0.00039
1,2,4-Trimethylbenzene	95-63-6	3.6	ND		0.0021	0.00035	ND		0.0026	0.00044	ND		0.0023	0.00039	ND		0.093	0.041
1,4-Dioxane	123-91-1	0.1	ND		0.083	0.036	ND		0.11	0.046	ND		0.093	0.041	ND		0.0023	0.0002
p-Diethylbenzene	105-05-5		ND		0.0021	0.00018	ND		0.0026	0.00023	ND		0.0023	0.0002	ND		0.0023	0.00044
p-Ethyltoluene	622-96-8		ND		0.0021	0.0004	ND		0.0026	0.00051	ND		0.0023	0.00044	ND		0.0023	0.00022
1,2,4,5-Tetramethylbenzene	95-93-2		ND		0.0021	0.0002	ND		0.0026	0.00025	ND		0.0023	0.00022	ND		0.0023	0.0004
Ethyl ether	60-29-7		ND		0.0021	0.00035	ND		0.0026	0.00045	ND		0.0023	0.0004	ND		0.0058	0.0016
trans-1,4-Dichloro-2-butene	110-57-6		ND		0.0052	0.0015	ND		0.0066	0.0019	ND		0.0058	0.0016	-	-	-	-
Total VOCs			0.0013	-	-	-	0.00156	-	-	-	0.00031	-	-	-				
GENERAL CHEMISTRY															90.5		0.1	NA
Solids, Total	NONE		94.4		0.1	NA	95		0.1	NA	95		0.1	NA				

Eight Walkup Drive, Westborough, MA 01581-1019
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Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK94599				CK93542				CK94621				CK95290			
		COLLECTION DATE:	3/22/2022				3/23/2022				3/24/2022				3/25/2022			
		SAMPLE ID:	RA-19 (15-15.5)				RA-20 (17-17.5)				RA-21 (23-23.5)				RA-25 (19-19.5)			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Miscellaneous/Inorganics																		
Percent Solid	PHNX - PCTSOLID		83				93				94				79			
Total Cyanide (SW9010C Distill.)	57-12-5	27	< 0.60	0.6	UN	0.301	0.26	0	J	0.207	< 0.48	0.48	U	0.242	< 0.70	1	U	0.352
Metals, Total																		
Aluminum	7429-90-5		6,840	35		7.1	5,680	37		7.4	6,470	34		6.7	6,650	39		7.8
Antimony	7440-36-0		< 3.5	3.5	U	3.5	< 3.7	4	U	3.7	< 3.4	3.4	U	3.4	< 3.9	4	U	3.9
Arsenic	7440-38-2	13	1.18	0.7		0.71	< 0.74	1	U	0.74	0.78	0.67		0.67	< 0.78	1	U	0.78
Barium	7440-39-3	350	60.6	0.7		0.35	38.4	1		0.37	35.2	0.7		0.34	51.6	1	*	0.39
Beryllium	7440-41-7	7.2	0.21	0.3	J	0.14	0.23	0	J	0.15	0.21	0.27	J	0.13	0.2	0	J	0.16
Cadmium	7440-43-9	2.5	0.71	0.4		0.35	0.76	0		0.37	0.8	0.34		0.34	0.61	0		0.39
Calcium	7440-70-2		16,500	35		33	2,780	4		3.4	18,000	34		31	26,200	39		36
Chromium	7440-47-3	30	13	0.4		0.35	15.4	0		0.37	11	0.34		0.34	16.7	0		0.39
Cobalt	7440-48-4		5.91	0.4		0.35	5.91	0		0.37	6.89	0.34		0.34	7.53	0		0.39
Copper	7440-50-8	50	18.1	0.7		0.35	12	1		0.37	16.2	0.7		0.34	17	1	*	0.39
Iron	7439-89-6		10,300	35		35	12,000	37		37	12,300	34		34	12,900	39		39
Lead	7439-92-1	63	52.3	0.7		0.35	2.3	1		0.37	15.7	0.7		0.34	4	1	*	0.39
Magnesium	7439-95-4		11,200	35		35	4,460	4	N	3.7	13,400	34		34	19,400	39		39
Manganese	7439-96-5	1,600	206	3.5		3.5	174	4	*	3.7	189	3.4		3.4	574	4	N, *	3.9
Mercury	7439-97-6	0.18	0.04	0		0.02	< 0.03	0	U	0.02	< 0.03	0.03	U	0.02	< 0.03	0	U	0.02
Nickel	7440-02-0	30	9.5	0.4		0.35	8.73	0	*	0.37	10.3	0.34		0.34	12.1	0		0.39
Potassium	9/7/7440		1,580	7		2.8	1,400	7	N	2.9	1,460	7		2.6	2,440	8		3
Selenium	7782-49-2	3.9	< 1.4	1.4	U	1.2	< 1.5	2	U	1.3	< 1.3	1.3	U	1.1	< 1.6	2	U	1.3
Silver	7440-22-4	2	< 0.35	0.4	U	0.35	< 0.37	0	U	0.37	< 0.34	0.34	U	0.34	< 0.39	0	U	0.39
Sodium	7440-23-5		353	7	*	3	466	7		3.2	154	7	*	2.9	681	78		34
Thallium	7440-28-0		< 1.4	1.4	U	1.4	< 1.5	2	U	1.5	< 1.3	1.3	U	1.3	< 1.6	2	U	1.6
Vanadium	7440-62-2		18.1	0.4		0.35	19.4	0		0.37	15	0.34		0.34	20.4	0		0.39
Zinc	7440-66-6	109	49.9	0.7		0.35	48.9	1	*	0.37	38.3	0.7		0.34	33.2	1		0.39
PCBs By SW8082A																		
PCB-1016	12674-11-2	0.1	< 0.08	0.1	U	0.08	< 0.07	0	U	0.07	< 0.07	0.07	U	0.07	< 0.082	0	U	0.082
PCB-1221	11104-28-2	0.1	< 0.08	0.1	U	0.08	< 0.07	0	U	0.07	< 0.07	0.07	U	0.07	< 0.082	0	U	0.082
PCB-1232	11141-16-5	0.1	< 0.08	0.1	U	0.08	< 0.07	0	U	0.07	< 0.07	0.07	U	0.07	< 0.082	0	U	0.082
PCB-1242	53469-21-9	0.1	< 0.08	0.1	U	0.08	< 0.07	0	U	0.07	< 0.07	0.07	U	0.07	< 0.082	0	U	0.082
PCB-1248	12672-29-6	0.1	< 0.08	0.1	U	0.08	< 0.07	0	U	0.07	< 0.07	0.07	U	0.07	< 0.082	0	U	0.082
PCB-1254	11097-69-1	0.1	< 0.08	0.1	U	0.08	< 0.07	0	U	0.07	< 0.07	0.07	U	0.07	< 0.082	0	U	0.082
PCB-1260	11096-82-5	0.1	< 0.08	0.1	U	0.08	< 0.07	0	U	0.07	< 0.07	0.07	U	0.07	< 0.082	0	U	0.082
PCB-1262	37324-23-5	0.1	< 0.08	0.1	U	0.08	< 0.07	0	U	0.07	< 0.07	0.07	U	0.07	< 0.082	0	U	0.082
PCB-1268	11100-14-4	0.1	< 0.08	0.1	U	0.08	< 0.07	0	U	0.07	< 0.07	0.07	U	0.07	< 0.082	0	U	0.082
Semivolatiles By SW8270D																		
1,2,4,5-Tetrachlorobenzene	95-94-3		< 0.41	0.4	U	0.21	< 0.25	0	U	0.12	< 0.24	0.24	U	0.12	< 0.29	0	U	0.15

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK94599				CK93542				CK94621				CK95290			
		COLLECTION DATE:	3/22/2022				3/23/2022				3/24/2022				3/25/2022			
		SAMPLE ID:	RA-19 (15-15.5)				RA-20 (17-17.5)				RA-21 (23-23.5)				RA-25 (19-19.5)			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Semivolatiles By SW8270D																		
1,2,4-Trichlorobenzene	120-82-1		< 0.41	0.4	U	0.18	< 0.25	0	U	0.11	< 0.24	0.24	U	0.1	< 0.29	0	U	0.13
1,2-Dichlorobenzene	95-50-1	1.1	< 0.41	0.4	U	0.17	< 0.25	0	U	0.099	< 0.24	0.24	U	0.098	< 0.29	0	U	0.12
1,2-Diphenylhydrazine	122-66-7		< 0.41	0.4	U	0.19	< 0.25	0	U	0.11	< 0.24	0.24	U	0.11	< 0.29	0	U	0.14
1,3-Dichlorobenzene	541-73-1	2.4	< 0.41	0.4	U	0.17	< 0.25	0	U	0.1	< 0.24	0.24	U	0.1	< 0.29	0	U	0.12
1,4-Dichlorobenzene	106-46-7	1.8	< 0.41	0.4	U	0.17	< 0.25	0	U	0.1	< 0.24	0.24	U	0.1	< 0.29	0	U	0.12
2,2'-Oxybis(1-Chloropropane)	108-60-1		< 0.41	0.4	U	0.16	< 0.25	0	U	0.098	< 0.24	0.24	U	0.096	< 0.29	0	U	0.12
2,4,5-Trichlorophenol	95-95-4		< 0.41	0.4	U	0.32	< 0.25	0	U	0.19	< 0.24	0.24	U	0.19	< 0.29	0	U	0.23
2,4,6-Trichlorophenol	88-06-2		< 0.29	0.3	U	0.19	< 0.18	0	U	0.11	< 0.17	0.17	U	0.11	< 0.21	0	U	0.13
2,4-Dichlorophenol	120-83-2		< 0.29	0.3	U	0.21	< 0.18	0	U	0.12	< 0.17	0.17	U	0.12	< 0.21	0	U	0.15
2,4-Dimethylphenol	105-67-9		< 0.41	0.4	U	0.15	< 0.25	0	U	0.087	< 0.24	0.24	U	0.086	< 0.29	0	U	0.1
2,4-Dinitrophenol	51-28-5		< 0.41	0.4	U	0.41	< 0.25	0	U	0.25	< 0.24	0.24	U	0.24	< 0.29	0	U	0.29
2,4-Dinitrotoluene	121-14-2		< 0.29	0.3	U	0.23	< 0.18	0	U	0.14	< 0.17	0.17	U	0.14	< 0.21	0	U	0.16
2,6-Dinitrotoluene	606-20-2		< 0.29	0.3	U	0.19	< 0.18	0	U	0.11	< 0.17	0.17	U	0.11	< 0.21	0	U	0.13
2-Chloronaphthalene	91-58-7		< 0.41	0.4	U	0.17	< 0.25	0	U	0.1	< 0.24	0.24	U	0.098	< 0.29	0	U	0.12
2-Chlorophenol	95-57-8		< 0.41	0.4	U	0.17	< 0.25	0	U	0.1	< 0.24	0.24	U	0.098	< 0.29	0	U	0.12
2-Methylnaphthalene	91-57-6		< 0.41	0.4	U	0.18	< 0.25	0	U	0.1	< 0.24	0.24	U	0.1	< 0.29	0	U	0.12
2-Methylphenol (o-cresol)	95-48-7	0.33	< 0.33	0.3	U	0.28	< 0.25	0	U	0.17	< 0.24	0.24	U	0.16	< 0.29	0	U	0.2
2-Nitroaniline	88-74-4		< 0.41	0.4	U	0.41	< 0.25	0	U	0.25	< 0.24	0.24	U	0.24	< 0.29	0	U	0.29
2-Nitrophenol	88-75-5		< 0.41	0.4	U	0.37	< 0.25	0	U	0.22	< 0.24	0.24	U	0.22	< 0.29	0	U	0.26
3&4-Methylphenol (m&p-cresol)	HNX - M&P CRESOL		< 0.41	0.4	U	0.23	< 0.25	0	U	0.14	< 0.24	0.24	U	0.14	< 0.29	0	U	0.16
3,3'-Dichlorobenzidine	91-94-1		< 0.29	0.3	U	0.28	< 0.18	0	U	0.17	< 0.17	0.17	U	0.16	< 0.21	0	U	0.2
3-Nitroaniline	99-09-2		< 0.59	0.6	U	1.2	< 0.35	0	U	0.7	< 0.35	0.35	U	0.69	< 0.42	0	U	0.83
4,6-Dinitro-2-methylphenol	534-52-1		< 0.35	0.4	U	0.12	< 0.21	0	U	0.07	< 0.21	0.21	U	0.069	< 0.25	0	U	0.083
4-Bromophenyl phenyl ether	101-55-3		< 0.41	0.4	U	0.17	< 0.25	0	U	0.1	< 0.24	0.24	U	0.1	< 0.29	0	U	0.12
4-Chloro-3-methylphenol	59-50-7		< 0.41	0.4	U	0.21	< 0.25	0	U	0.12	< 0.24	0.24	U	0.12	< 0.29	0	U	0.15
4-Chloroaniline	106-47-8		< 0.47	0.5	U	0.27	< 0.28	0	U	0.16	< 0.28	0.28	U	0.16	< 0.33	0	U	0.19
4-Chlorophenyl phenyl ether	7005-72-3		< 0.41	0.4	U	0.2	< 0.25	0	U	0.12	< 0.24	0.24	U	0.12	< 0.29	0	U	0.14
4-Nitroaniline	100-01-6		< 0.59	0.6	U	0.2	< 0.35	0	U	0.12	< 0.35	0.35	U	0.12	< 0.42	0	U	0.14
4-Nitrophenol	100-02-7		< 0.59	0.6	U	0.27	< 0.35	0	U	0.16	< 0.35	0.35	U	0.16	< 0.42	0	U	0.19
Acenaphthene	83-32-9	20	< 0.41	0.4	U	0.18	< 0.25	0	U	0.11	< 0.24	0.24	U	0.11	< 0.29	0	U	0.13
Acenaphthylene	208-96-8	100	< 0.41	0.4	U	0.16	< 0.25	0	U	0.099	< 0.24	0.24	U	0.097	< 0.29	0	U	0.12
Acetophenone	98-86-2		< 0.41	0.4	U	0.18	< 0.25	0	U	0.11	< 0.24	0.24	U	0.11	< 0.29	0	U	0.13
Aniline	62-53-3		< 0.47	0.5	U	0.47	< 0.28	0	U	0.28	< 0.28	0.28	U	0.28	< 0.33	0	U	0.33
Anthracene	120-12-7	100	< 0.41	0.4	U	0.19	< 0.25	0	U	0.12	< 0.24	0.24	U	0.11	< 0.29	0	U	0.14
Benz(a)anthracene	56-55-3	1	< 0.41	0.4	U	0.2	< 0.25	0	U	0.12	< 0.24	0.24	U	0.12	< 0.29	0	U	0.14
Benzidine	92-87-5		< 0.59	0.6	U	0.35	< 0.35	0	U	0.21	< 0.35	0.35	U	0.2	< 0.42	0	U	0.25
Benzo(a)pyrene	50-32-8	1	< 0.29	0.3	U	0.19	< 0.18	0	U	0.11	< 0.17	0.17	U	0.11	< 0.21	0	U	0.14
Benzo(b)fluoranthene	205-99-2	1	< 0.41	0.4	U	0.2	< 0.25	0	U	0.12	< 0.24	0.24	U	0.12	< 0.29	0	U	0.14
Benzo(ghi)perylene	191-24-2	100	< 0.41	0.4	U	0.19	< 0.25	0	U	0.11	< 0.24	0.24	U	0.11	< 0.29	0	U	0.14
Benzo(k)fluoranthene	207-08-9	0.8	< 0.41	0.4	U	0.2	< 0.25	0	U	0.12	< 0.24	0.24	U	0.11	< 0.29	0	U	0.14

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK94599				CK93542				CK94621				CK95290			
		COLLECTION DATE:	3/22/2022				3/23/2022				3/24/2022				3/25/2022			
		SAMPLE ID:	RA-19 (15-15.5)				RA-20 (17-17.5)				RA-21 (23-23.5)				RA-25 (19-19.5)			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Semivolatiles By SW8270D																		
Benzoic acid	65-85-0		< 2.9	2.9	U	1.2	< 1.8	2	U	0.7	< 1.7	1.7	U	0.69	< 2.1	2	U	0.83
Benzyl butyl phthalate	85-68-7		< 0.41	0.4	U	0.15	< 0.25	0	U	0.091	< 0.24	0.24	U	0.089	< 0.29	0	U	0.11
Bis(2-chloroethoxy)methane	111-91-1		< 0.41	0.4	U	0.16	< 0.25	0	U	0.097	< 0.24	0.24	U	0.095	< 0.29	0	U	0.12
Bis(2-chloroethyl)ether	111-44-4		< 0.29	0.3	U	0.16	< 0.18	0	U	0.095	< 0.17	0.17	U	0.093	< 0.21	0	U	0.11
Bis(2-ethylhexyl)phthalate	117-81-7		< 0.41	0.4	U	0.17	< 0.25	0	U	0.1	< 0.24	0.24	U	0.1	< 0.29	0	U	0.12
Carbazole	86-74-8		< 0.29	0.3	U	0.24	< 0.18	0	U	0.14	< 0.17	0.17	U	0.14	< 0.21	0	U	0.17
Chrysene	218-01-9	1	< 0.41	0.4	U	0.2	< 0.25	0	U	0.12	< 0.24	0.24	U	0.12	< 0.29	0	U	0.14
Dibenz(a,h)anthracene	53-70-3	0.33	< 0.29	0.3	U	0.19	< 0.18	0	U	0.11	< 0.17	0.17	U	0.11	< 0.21	0	U	0.14
Dibenzofuran	132-64-9	7	< 0.41	0.4	U	0.17	< 0.25	0	U	0.1	< 0.24	0.24	U	0.1	< 0.29	0	U	0.12
Diethyl phthalate	84-66-2		< 0.41	0.4	U	0.19	< 0.25	0	U	0.11	< 0.24	0.24	U	0.11	< 0.29	0	U	0.13
Dimethylphthalate	131-11-3		< 0.41	0.4	U	0.18	< 0.25	0	U	0.11	< 0.24	0.24	U	0.11	< 0.29	0	U	0.13
Di-n-butylphthalate	84-74-2		< 0.41	0.4	U	0.16	< 0.25	0	U	0.094	< 0.24	0.24	U	0.092	< 0.29	0	U	0.11
Di-n-octylphthalate	117-84-0		< 0.41	0.4	U	0.15	< 0.25	0	U	0.091	< 0.24	0.24	U	0.089	< 0.29	0	U	0.11
Fluoranthene	206-44-0	100	< 0.41	0.4	U	0.19	< 0.25	0	U	0.11	< 0.24	0.24	U	0.11	< 0.29	0	U	0.14
Fluorene	86-73-7	30	< 0.41	0.4	U	0.19	< 0.25	0	U	0.12	< 0.24	0.24	U	0.11	< 0.29	0	U	0.14
Hexachlorobenzene	118-74-1	0.33	< 0.29	0.3	U	0.17	< 0.18	0	U	0.1	< 0.17	0.17	U	0.1	< 0.21	0	U	0.12
Hexachlorobutadiene	87-68-3		< 0.41	0.4	U	0.21	< 0.25	0	U	0.13	< 0.24	0.24	U	0.13	< 0.29	0	U	0.15
Hexachlorocyclopentadiene	77-47-4		< 0.41	0.4	U	0.18	< 0.25	0	U	0.11	< 0.24	0.24	U	0.11	< 0.29	0	U	0.13
Hexachloroethane	67-72-1		< 0.29	0.3	U	0.18	< 0.18	0	U	0.11	< 0.17	0.17	U	0.1	< 0.21	0	U	0.13
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	< 0.41	0.4	U	0.2	< 0.25	0	U	0.12	< 0.24	0.24	U	0.11	< 0.29	0	U	0.14
Isophorone	78-59-1		< 0.29	0.3	U	0.16	< 0.18	0	U	0.099	< 0.17	0.17	U	0.097	< 0.21	0	U	0.12
Naphthalene	91-20-3	12	< 0.41	0.4	U	0.17	< 0.25	0	U	0.1	< 0.24	0.24	U	0.1	< 0.29	0	U	0.12
Nitrobenzene	98-95-3		< 0.29	0.3	U	0.21	< 0.18	0	U	0.12	< 0.17	0.17	U	0.12	< 0.21	0	U	0.15
N-Nitrosodimethylamine	62-75-9		< 0.41	0.4	U	0.17	< 0.25	0	U	0.099	< 0.24	0.24	U	0.098	< 0.29	0	U	0.12
N-Nitrosodi-n-propylamine	621-64-7		< 0.29	0.3	U	0.19	< 0.18	0	U	0.11	< 0.17	0.17	U	0.11	< 0.21	0	U	0.14
N-Nitrosodiphenylamine	86-30-6		< 0.41	0.4	U	0.23	< 0.25	0	U	0.14	< 0.24	0.24	U	0.13	< 0.29	0	U	0.16
Pentachloronitrobenzene	82-68-8		< 0.41	0.4	U	0.22	< 0.25	0	U	0.13	< 0.24	0.24	U	0.13	< 0.29	0	U	0.16
Pentachlorophenol	87-86-5	0.8	< 0.35	0.4	U	0.22	< 0.21	0	U	0.13	< 0.21	0.21	U	0.13	< 0.25	0	U	0.16
Phenanthrene	85-01-8	100	< 0.41	0.4	U	0.17	< 0.25	0	U	0.1	< 0.24	0.24	U	0.099	< 0.29	0	U	0.12
Phenol	108-95-2	0.33	< 0.33	0.3	U	0.19	< 0.25	0	U	0.11	< 0.24	0.24	U	0.11	< 0.29	0	U	0.13
Pyrene	129-00-0	100	< 0.41	0.4	U	0.2	< 0.25	0	U	0.12	< 0.24	0.24	U	0.12	< 0.29	0	U	0.14
Pyridine	110-86-1		< 0.41	0.4	U	0.14	< 0.25	0	U	0.087	< 0.24	0.24	U	0.085	< 0.29	0	U	0.1

Eight Walkup Drive, Westborough, MA 01581-1019
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Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK94599				CK93542				CK94621				CK95290			
		COLLECTION DATE:	3/22/2022				3/23/2022				3/24/2022				3/25/2022			
		SAMPLE ID:	RA-19 (15-15.5)				RA-20 (17-17.5)				RA-21 (23-23.5)				RA-25 (19-19.5)			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Pesticides - Soil By SW8081B																		
4,4' -DDD	72-54-8	0.0033	< 0.0024	0	U	0.0024	< 0.0021	0	U	0.0021	< 0.0021	0.0021	U	0.0021	< 0.0025	0	U	0.0025
4,4' -DDE	72-55-9	0.0033	< 0.0024	0	U	0.0024	< 0.0021	0	U	0.0021	< 0.0021	0.0021	U	0.0021	< 0.0025	0	U	0.0025
4,4' -DDT	50-29-3	0.0033	< 0.0024	0	U	0.0024	< 0.0021	0	U	0.0021	< 0.0021	0.0021	U	0.0021	< 0.0025	0	U	0.0025
a-BHC	319-84-6	0.02	< 0.008	0	U	0.008	< 0.007	0	U	0.007	< 0.007	0.007	U	0.007	< 0.0082	0	U	0.0082
a-Chlordane	5103-71-9	0.094	< 0.004	0	U	0.004	< 0.0035	0	U	0.0035	< 0.0035	0.0035	U	0.0035	< 0.0041	0	U	0.0041
Alachlor	15972-60-8		< 0.004	0	U	0.004	< 0.0035	0	U	0.0035	< 0.0035	0.0035	U	0.0035	< 0.0041	0	U	0.0041
Aldrin	309-00-2	0.005	< 0.004	0	U	0.004	< 0.0035	0	U	0.0035	< 0.0035	0.0035	U	0.0035	< 0.0041	0	U	0.0041
b-BHC	319-85-7	0.036	< 0.008	0	U	0.008	< 0.007	0	U	0.007	< 0.007	0.007	U	0.007	< 0.0082	0	U	0.0082
Chlordane	57-74-9		< 0.04	0	U	0.04	< 0.035	0	U	0.035	< 0.035	0.035	U	0.035	< 0.041	0	U	0.041
d-BHC	319-86-8	0.04	< 0.008	0	U	0.008	< 0.007	0	U	0.007	< 0.007	0.007	U	0.007	< 0.0082	0	U	0.0082
Dieldrin	60-57-1	0.005	< 0.004	0	U	0.004	< 0.0035	0	U	0.0035	< 0.0035	0.0035	U	0.0035	< 0.0041	0	U	0.0041
Endosulfan I	959-98-8	2.4	< 0.008	0	U	0.008	< 0.007	0	U	0.007	< 0.007	0.007	U	0.007	< 0.0082	0	U	0.0082
Endosulfan II	33213-65-9	2.4	< 0.008	0	U	0.008	< 0.007	0	U	0.007	< 0.007	0.007	U	0.007	< 0.0082	0	U	0.0082
Endosulfan sulfate	1031-07-8	2.4	< 0.008	0	U	0.008	< 0.007	0	U	0.007	< 0.007	0.007	U	0.007	< 0.0082	0	U	0.0082
Endrin	72-20-8	0.014	< 0.008	0	U	0.008	< 0.007	0	U	0.007	< 0.007	0.007	U	0.007	< 0.0082	0	U	0.0082
Endrin aldehyde	7421-93-4		< 0.008	0	U	0.008	< 0.007	0	U	0.007	< 0.007	0.007	U	0.007	< 0.0082	0	U	0.0082
Endrin ketone	53494-70-5		< 0.008	0	U	0.008	< 0.007	0	U	0.007	< 0.007	0.007	U	0.007	< 0.0082	0	U	0.0082
g-BHC	58-89-9	0.1	< 0.0016	0	U	0.0016	< 0.0014	0	U	0.0014	< 0.0014	0.0014	U	0.0014	< 0.0016	0	U	0.0016
g-Chlordane	5103-74-2		< 0.004	0	U	0.004	< 0.0035	0	U	0.0035	< 0.0035	0.0035	U	0.0035	< 0.0041	0	U	0.0041
Heptachlor	76-44-8	0.042	< 0.008	0	U	0.008	< 0.007	0	U	0.007	< 0.007	0.007	U	0.007	< 0.0082	0	U	0.0082
Heptachlor epoxide	1024-57-3		< 0.008	0	U	0.008	< 0.007	0	U	0.007	< 0.007	0.007	U	0.007	< 0.0082	0	U	0.0082
Methoxychlor	72-43-5		< 0.04	0	U	0.04	< 0.035	0	U	0.035	< 0.035	0.035	U	0.035	< 0.041	0	U	0.041
Toxaphene	8001-35-2		< 0.16	0.2	U	0.16	< 0.14	0	U	0.14	< 0.14	0.14	U	0.14	< 0.16	0	U	0.16

Qualifiers:

U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-26 (18.5-19)				DUP-1 220220322 - RA-26 (18.5-19)				RA-27 (19-19.5)				RA-31 (21-21.5)			
		LAB ID:	L2214842-09				L2214842-12				L2214842-11				L2215063-03			
		COLLECTION DATE:	3/22/2022				3/22/2022				3/22/2022				3/23/2022			
		SAMPLE DEPTH:																
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																
ANALYTE	CAS	(mg/kg)	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	ND		0.0053	0.0024	ND		0.005	0.0023	ND		0.0052	0.0024	ND		0.0063	0.0029
1,1-Dichloroethane	75-34-3	0.27	ND		0.001	0.00015	ND		0.001	0.00014	ND		0.001	0.00015	ND		0.0013	0.00018
Chloroform	67-66-3	0.37	ND		0.0016	0.00015	ND		0.0015	0.00014	ND		0.0015	0.00014	ND		0.0019	0.00018
Carbon tetrachloride	56-23-5	0.76	ND		0.001	0.00024	ND		0.001	0.00023	ND		0.001	0.00024	ND		0.0013	0.00029
1,2-Dichloropropane	78-87-5		ND		0.001	0.00013	ND		0.001	0.00012	ND		0.001	0.00013	ND		0.0013	0.00016
Dibromochloromethane	124-48-1		ND		0.001	0.00015	ND		0.001	0.00014	ND		0.001	0.00014	ND		0.0013	0.00018
1,1,2-Trichloroethane	79-00-5		ND		0.001	0.00028	ND		0.001	0.00027	ND		0.001	0.00028	ND		0.0013	0.00034
Tetrachloroethene	127-18-4	1.3	0.00022	J	0.00053	0.00021	ND		0.0005	0.0002	0.00023	J	0.00052	0.0002	ND		0.00063	0.00025
Chlorobenzene	108-90-7	1.1	ND		0.00053	0.00013	ND		0.0005	0.00013	ND		0.00052	0.00013	ND		0.00063	0.00016
Trichlorofluoromethane	75-69-4		ND		0.0042	0.00073	ND		0.004	0.00069	ND		0.0041	0.00072	ND		0.005	0.00088
1,2-Dichloroethane	107-06-2	0.02	ND		0.001	0.00027	ND		0.001	0.00026	ND		0.001	0.00026	ND		0.0013	0.00032
1,1,1-Trichloroethane	71-55-6	0.68	ND		0.00053	0.00018	ND		0.0005	0.00017	ND		0.00052	0.00017	ND		0.00063	0.00021
Bromodichloromethane	75-27-4		ND		0.00053	0.00011	ND		0.0005	0.00011	ND		0.00052	0.00011	ND		0.00063	0.00014
trans-1,3-Dichloropropene	10061-02-6		ND		0.001	0.00029	ND		0.001	0.00027	ND		0.001	0.00028	ND		0.0013	0.00034
cis-1,3-Dichloropropene	10061-01-5		ND		0.00053	0.00017	ND		0.0005	0.00016	ND		0.00052	0.00016	ND		0.00063	0.0002
1,3-Dichloropropene, Total	542-75-6		ND		0.00053	0.00017	ND		0.0005	0.00016	ND		0.00052	0.00016	ND		0.00063	0.0002
1,1-Dichloropropene	563-58-6		ND		0.00053	0.00017	ND		0.0005	0.00016	ND		0.00052	0.00016	ND		0.00063	0.0002
Bromoform	75-25-2		ND		0.0042	0.00026	ND		0.004	0.00024	ND		0.0041	0.00025	ND		0.005	0.00031
1,1,2,2-Tetrachloroethane	79-34-5		ND		0.00053	0.00017	ND		0.0005	0.00016	ND		0.00052	0.00017	ND		0.00063	0.00021
Benzene	71-43-2	0.06	ND		0.00053	0.00017	ND		0.0005	0.00016	ND		0.00052	0.00017	ND		0.00063	0.00021
Toluene	108-88-3	0.7	0.00086	J	0.001	0.00057	0.0012		0.001	0.00054	0.0013		0.001	0.00056	0.0013		0.0013	0.00068
Ethylbenzene	100-41-4	1	ND		0.001	0.00015	ND		0.001	0.00014	ND		0.001	0.00014	ND		0.0013	0.00018
Chloromethane	74-87-3		ND		0.0042	0.00098	ND		0.004	0.00093	ND		0.0041	0.00096	ND		0.005	0.0012
Bromomethane	74-83-9		ND		0.0021	0.00061	ND		0.002	0.00058	ND		0.0021	0.0006	ND		0.0025	0.00073
Vinyl chloride	75-01-4	0.02	ND		0.001	0.00035	ND		0.001	0.00033	ND		0.001	0.00034	ND		0.0013	0.00042
Chloroethane	75-00-3		ND		0.0021	0.00048	ND		0.002	0.00045	ND		0.0021	0.00046	ND		0.0025	0.00057
1,1-Dichloroethene	75-35-4	0.33	ND		0.001	0.00025	ND		0.001	0.00024	ND		0.001	0.00024	ND		0.0013	0.0003
trans-1,2-Dichloroethene	156-60-5	0.19	ND		0.0016	0.00014	ND		0.0015	0.00014	ND		0.0015	0.00014	ND		0.0019	0.00017
Trichloroethene	79-01-6	0.47	ND		0.00053	0.00014	ND		0.0005	0.00014	ND		0.00052	0.00014	ND		0.00063	0.00017
1,2-Dichlorobenzene	95-50-1	1.1	ND		0.0021	0.00015	ND		0.002	0.00014	ND		0.0021	0.00015	ND		0.0025	0.00018
1,3-Dichlorobenzene	541-73-1	2.4	ND		0.0021	0.00016	ND		0.002	0.00015	ND		0.0021	0.00015	ND		0.0025	0.00019
1,4-Dichlorobenzene	106-46-7	1.8	ND		0.0021	0.00018	ND		0.002	0.00017	ND		0.0021	0.00018	ND		0.0025	0.00022
Methyl tert butyl ether	1634-04-4	0.93	ND		0.0021	0.00021	ND		0.002	0.0002	ND		0.0021	0.00021	ND		0.0025	0.00025
p/m-Xylene	179601-23-1		ND		0.0021	0.00059	ND		0.002	0.00056	ND		0.0021	0.00058	ND		0.0025	0.00071
o-Xylene	95-47-6		ND		0.001	0.00031	ND		0.001	0.00029	ND		0.001	0.0003	ND		0.0013	0.00037
Xylenes, Total	1330-20-7	0.26	ND		0.001	0.00031	ND		0.001	0.00029	ND		0.001	0.0003	ND		0.0013	0.00037
cis-1,2-Dichloroethene	156-59-2	0.25	ND		0.001	0.00018	ND		0.001	0.00017	ND		0.001	0.00018	ND		0.0013	0.00022
1,2-Dichloroethene, Total	540-59-0		ND		0.001	0.00014	ND		0.001	0.00014	ND		0.001	0.00014	ND		0.0013	0.00017
Dibromomethane	74-95-3		ND		0.0021	0.00025	ND		0.002	0.00024	ND		0.0021	0.00024	ND		0.0025	0.0003

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-26 (18.5-19)				DUP-1 220220322 - RA-26 (18.5-19)				RA-27 (19-19.5)				RA-31 (21-21.5)			
		LAB ID:	L2214842-09				L2214842-12				L2214842-11				L2215063-03			
		COLLECTION DATE:	3/22/2022				3/22/2022				3/22/2022				3/23/2022			
		SAMPLE DEPTH:																
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																
ANALYTE	**CAS**	**(mg/kg)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS BY EPA 5035																		
Styrene	100-42-5		ND		0.001	0.00021	0.00035	J	0.001	0.0002	0.00024	J	0.001	0.0002	ND		0.0013	0.00025
Dichlorodifluoromethane	75-71-8		ND		0.01	0.00096	ND		0.01	0.00091	ND		0.01	0.00094	ND		0.013	0.0012
Acetone	67-64-1	0.05	ND		0.01	0.0051	ND		0.01	0.0048	ND		0.01	0.005	ND		0.013	0.0061
Carbon disulfide	75-15-0		ND		0.01	0.0048	ND		0.01	0.0045	ND		0.01	0.0047	ND		0.013	0.0057
2-Butanone	78-93-3	0.12	ND		0.01	0.0023	ND		0.01	0.0022	ND		0.01	0.0023	ND		0.013	0.0028
Vinyl acetate	108-05-4		ND		0.01	0.0023	ND		0.01	0.0021	ND		0.01	0.0022	ND		0.013	0.0027
4-Methyl-2-pentanone	108-10-1		ND		0.01	0.0013	ND		0.01	0.0013	ND		0.01	0.0013	ND		0.013	0.0016
1,2,3-Trichloropropane	96-18-4		ND		0.0021	0.00013	ND		0.002	0.00013	ND		0.0021	0.00013	ND		0.0025	0.00016
2-Hexanone	591-78-6		ND		0.01	0.0012	ND		0.01	0.0012	ND		0.01	0.0012	ND		0.013	0.0015
Bromochloromethane	74-97-5		ND		0.0021	0.00022	ND		0.002	0.0002	ND		0.0021	0.00021	ND		0.0025	0.00026
2,2-Dichloropropane	594-20-7		ND		0.0021	0.00021	ND		0.002	0.0002	ND		0.0021	0.00021	ND		0.0025	0.00025
1,2-Dibromoethane	106-93-4		ND		0.001	0.00029	ND		0.001	0.00028	ND		0.001	0.00029	ND		0.0013	0.00035
1,3-Dichloropropane	142-28-9		ND		0.0021	0.00018	ND		0.002	0.00017	ND		0.0021	0.00017	ND		0.0025	0.00021
1,1,1,2-Tetrachloroethane	630-20-6		ND		0.00053	0.00014	ND		0.0005	0.00013	ND		0.00052	0.00014	ND		0.00063	0.00017
Bromobenzene	108-86-1		ND		0.0021	0.00015	ND		0.002	0.00014	ND		0.0021	0.00015	ND		0.0025	0.00018
n-Butylbenzene	104-51-8	12	ND		0.001	0.00018	ND		0.001	0.00017	ND		0.001	0.00017	ND		0.0013	0.00021
sec-Butylbenzene	135-98-8	11	ND		0.001	0.00015	ND		0.001	0.00014	ND		0.001	0.00015	ND		0.0013	0.00018
tert-Butylbenzene	98-06-6	5.9	ND		0.0021	0.00012	ND		0.002	0.00012	ND		0.0021	0.00012	ND		0.0025	0.00015
o-Chlorotoluene	95-49-8		ND		0.0021	0.0002	ND		0.002	0.00019	ND		0.0021	0.0002	ND		0.0025	0.00024
p-Chlorotoluene	106-43-4		ND		0.0021	0.00011	ND		0.002	0.00011	ND		0.0021	0.00011	ND		0.0025	0.00014
1,2-Dibromo-3-chloropropane	96-12-8		ND		0.0032	0.001	ND		0.003	0.00099	ND		0.0031	0.001	ND		0.0038	0.0012
Hexachlorobutadiene	87-68-3		ND		0.0042	0.00018	ND		0.004	0.00017	ND		0.0041	0.00017	ND		0.005	0.00021
Isopropylbenzene	98-82-8		ND		0.001	0.00011	ND		0.001	0.00011	ND		0.001	0.00011	ND		0.0013	0.00014
p-Isopropyltoluene	99-87-6		ND		0.001	0.00011	0.00011	J	0.001	0.00011	ND		0.001	0.00011	ND		0.0013	0.00014
Naphthalene	91-20-3	12	ND		0.0042	0.00068	ND		0.004	0.00065	ND		0.0041	0.00067	ND		0.005	0.00082
Acrylonitrile	107-13-1		ND		0.0042	0.0012	ND		0.004	0.0011	ND		0.0041	0.0012	ND		0.005	0.0014
n-Propylbenzene	103-65-1	3.9	ND		0.001	0.00018	ND		0.001	0.00017	ND		0.001	0.00018	ND		0.0013	0.00022
1,2,3-Trichlorobenzene	87-61-6		ND		0.0021	0.00034	ND		0.002	0.00032	ND		0.0021	0.00033	ND		0.0025	0.00041
1,2,4-Trichlorobenzene	120-82-1		ND		0.0021	0.00029	ND		0.002	0.00027	ND		0.0021	0.00028	ND		0.0025	0.00034
1,3,5-Trimethylbenzene	108-67-8	8.4	ND		0.0021	0.0002	ND		0.002	0.00019	ND		0.0021	0.0002	ND		0.0025	0.00024
1,2,4-Trimethylbenzene	95-63-6	3.6	ND		0.0021	0.00035	ND		0.002	0.00033	ND		0.0021	0.00034	ND		0.0025	0.00042
1,4-Dioxane	123-91-1	0.1	ND		0.084	0.037	ND		0.08	0.035	ND		0.082	0.036	ND		0.1	0.044
p-Diethylbenzene	105-05-5		ND		0.0021	0.00019	0.00019	J	0.002	0.00018	ND		0.0021	0.00018	ND		0.0025	0.00022
p-Ethyltoluene	622-96-8		ND		0.0021	0.0004	ND		0.002	0.00038	ND		0.0021	0.0004	ND		0.0025	0.00048
1,2,4,5-Tetramethylbenzene	95-93-2		ND		0.0021	0.0002	ND		0.002	0.00019	ND		0.0021	0.0002	ND		0.0025	0.00024
Ethyl ether	60-29-7		ND		0.0021	0.00036	ND		0.002	0.00034	ND		0.0021	0.00035	ND		0.0025	0.00043
trans-1,4-Dichloro-2-butene	110-57-6		ND		0.0053	0.0015	ND		0.005	0.0014	ND		0.0052	0.0015	ND		0.0063	0.0018
Total VOCs			0.00108	-	-	-	0.00185	-	-	-	0.00177	-	-	-	0.0013	-	-	-
GENERAL CHEMISTRY																		
Solids, Total	NONE		94.3		0.1	NA	94.1		0.1	NA	93.3		0.1	NA	93		0.1	NA

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK94606				CK94609				CK94608				CK93543			
		COLLECTION DATE:	3/22/2022				3/22/2022				3/22/2022				3/23/2022			
		SAMPLE ID:	RA-26 (18.5-19)				DUP-1 220220322				RA-27 (19-19.5)				RA-31 (21-21.5)			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Miscellaneous/Inorganics																		
Percent Solid	PHNX - PCTSOLID		96				84				93				96			
Total Cyanide (SW9010C Distill.)	57-12-5	27	< 0.35	0.4	U	0.174	< 0.35	0.4	U	0.175	< 0.45	0.5	U	0.224	< 0.58	1	U	0.289
Metals, Total																		
Aluminum	7429-90-5		6,120	32		6.4	6,550	36		7.2	6,780	33		6.6	4,010	34		6.8
Antimony	7440-36-0		< 3.2	3.2	U	3.2	< 3.6	3.6	U	3.6	< 3.3	3.3	U	3.3	< 3.4	3	U	3.4
Arsenic	7440-38-2	13	0.75	0.6		0.64	0.75	0.7		0.72	1.03	0.7		0.66	< 0.68	1	U	0.68
Barium	7440-39-3	350	51.8	0.6		0.32	65.8	0.7	*	0.36	59.7	0.7	*	0.33	27.6	1		0.34
Beryllium	7440-41-7	7.2	0.17	0.3	J	0.13	< 0.29	0.3	U	0.14	< 0.26	0.3	U	0.13	0.17	0	J	0.14
Cadmium	7440-43-9	2.5	0.64	0.3		0.32	0.67	0.4		0.36	0.71	0.3		0.33	0.52	0		0.34
Calcium	7440-70-2		20,700	32		30	19,500	36		33	16,000	33		30	2,830	3		3.1
Chromium	7440-47-3	30	11.5	0.3		0.32	15.3	0.4		0.36	13.2	0.3		0.33	10.7	0		0.34
Cobalt	7440-48-4		5.29	0.3		0.32	6.71	0.4		0.36	6.48	0.3		0.33	4.68	0		0.34
Copper	7440-50-8	50	16.9	0.6		0.32	14.5	0.7		0.36	17.8	0.7		0.33	9.1	1		0.34
Iron	7439-89-6		9,880	32		32	14,200	36		36	12,900	33		33	8,850	34		34
Lead	7439-92-1	63	25	0.6		0.32	16.6	0.7		0.36	37.2	0.7		0.33	1.7	1		0.34
Magnesium	7439-95-4		13,400	32		32	13,200	36		36	10,500	33		33	2,860	3	N	3.4
Manganese	7439-96-5	1,600	207	3.2		3.2	208	3.6		3.6	213	3.3		3.3	125	0	*	0.34
Mercury	7439-97-6	0.18	< 0.03	0	U	0.02	< 0.03	0	U	0.02	0.03	0		0.02	< 0.03	0	U	0.02
Nickel	7440-02-0	30	8.73	0.3		0.32	10.3	0.4		0.36	10.3	0.3		0.33	6.88	0	*	0.34
Potassium	9/7/7440		1,670	6		2.5	2,710	7	N	2.8	1,860	7	N	2.6	1,000	7	N	2.6
Selenium	7782-49-2	3.9	< 1.3	1.3	U	1.1	< 1.4	1.4	U	1.2	< 1.3	1.3	U	1.1	< 1.4	1	U	1.1
Silver	7440-22-4	2	< 0.32	0.3	U	0.32	< 0.36	0.4	U	0.36	< 0.33	0.3	U	0.33	< 0.34	0	U	0.34
Sodium	7440-23-5		318	6	*	2.8	296	7	N	3.1	324	7	N	2.8	303	7		2.9
Thallium	7440-28-0		< 1.3	1.3	U	1.3	< 1.4	1.4	U	1.4	< 1.3	1.3	U	1.3	< 1.4	1	U	1.4
Vanadium	7440-62-2		17.2	0.3		0.32	23.1	0.4		0.36	20	0.3		0.33	14.4	0		0.34
Zinc	7440-66-6	109	38	0.6		0.32	38	0.7		0.36	46.9	0.7		0.33	23.3	1	*	0.34
PCBs By SW8082A																		
PCB-1016	12674-11-2	0.1	< 0.068	0.1	U	0.068	< 0.078	0.1	U	0.078	< 0.071	0.1	U	0.071	< 0.068	0	U	0.068
PCB-1221	11104-28-2	0.1	< 0.068	0.1	U	0.068	< 0.078	0.1	U	0.078	< 0.071	0.1	U	0.071	< 0.068	0	U	0.068
PCB-1232	11141-16-5	0.1	< 0.068	0.1	U	0.068	< 0.078	0.1	U	0.078	< 0.071	0.1	U	0.071	< 0.068	0	U	0.068
PCB-1242	53469-21-9	0.1	< 0.068	0.1	U	0.068	< 0.078	0.1	U	0.078	< 0.071	0.1	U	0.071	< 0.068	0	U	0.068
PCB-1248	12672-29-6	0.1	< 0.068	0.1	U	0.068	< 0.078	0.1	U	0.078	< 0.071	0.1	U	0.071	< 0.068	0	U	0.068
PCB-1254	11097-69-1	0.1	< 0.068	0.1	U	0.068	< 0.078	0.1	U	0.078	< 0.071	0.1	U	0.071	< 0.068	0	U	0.068
PCB-1260	11096-82-5	0.1	< 0.068	0.1	U	0.068	< 0.078	0.1	U	0.078	< 0.071	0.1	U	0.071	< 0.068	0	U	0.068
PCB-1262	37324-23-5	0.1	< 0.068	0.1	U	0.068	< 0.078	0.1	U	0.078	< 0.071	0.1	U	0.071	< 0.068	0	U	0.068
PCB-1268	11100-14-4	0.1	< 0.068	0.1	U	0.068	< 0.078	0.1	U	0.078	< 0.071	0.1	U	0.071	< 0.068	0	U	0.068
Semivolatiles By SW8270D																		
1,2,4,5-Tetrachlorobenzene	95-94-3		< 0.24	0.2	U	0.12	< 0.41	0.4	U	0.21	< 0.25	0.3	U	0.13	< 0.24	0	U	0.12

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK94606				CK94609				CK94608				CK93543			
		COLLECTION DATE:	3/22/2022				3/22/2022				3/22/2022				3/23/2022			
		SAMPLE ID:	RA-26 (18.5-19)				DUP-1 220220322				RA-27 (19-19.5)				RA-31 (21-21.5)			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Semivolatiles By SW8270D																		
1,2,4-Trichlorobenzene	120-82-1		< 0.24	0.2	U	0.1	< 0.41	0.4	U	0.18	< 0.25	0.3	U	0.11	< 0.24	0	U	0.1
1,2-Dichlorobenzene	95-50-1	1.1	< 0.24	0.2	U	0.097	< 0.41	0.4	U	0.17	< 0.25	0.3	U	0.1	< 0.24	0	U	0.096
1,2-Diphenylhydrazine	122-66-7		< 0.24	0.2	U	0.11	< 0.41	0.4	U	0.19	< 0.25	0.3	U	0.12	< 0.24	0	U	0.11
1,3-Dichlorobenzene	541-73-1	2.4	< 0.24	0.2	U	0.1	< 0.41	0.4	U	0.17	< 0.25	0.3	U	0.11	< 0.24	0	U	0.1
1,4-Dichlorobenzene	106-46-7	1.8	< 0.24	0.2	U	0.1	< 0.41	0.4	U	0.17	< 0.25	0.3	U	0.11	< 0.24	0	U	0.1
2,2'-Oxybis(1-Chloropropane)	108-60-1		< 0.24	0.2	U	0.096	< 0.41	0.4	U	0.16	< 0.25	0.3	U	0.099	< 0.24	0	U	0.095
2,4,5-Trichlorophenol	95-95-4		< 0.24	0.2	U	0.19	< 0.41	0.4	U	0.32	< 0.25	0.3	U	0.19	< 0.24	0	U	0.19
2,4,6-Trichlorophenol	88-06-2		< 0.17	0.2	U	0.11	< 0.29	0.3	U	0.19	< 0.18	0.2	U	0.11	< 0.17	0	U	0.11
2,4-Dichlorophenol	120-83-2		< 0.17	0.2	U	0.12	< 0.29	0.3	U	0.21	< 0.18	0.2	U	0.13	< 0.17	0	U	0.12
2,4-Dimethylphenol	105-67-9		< 0.24	0.2	U	0.085	< 0.41	0.4	U	0.15	< 0.25	0.3	U	0.088	< 0.24	0	U	0.084
2,4-Dinitrophenol	51-28-5		< 0.24	0.2	U	0.24	< 0.41	0.4	U	0.41	< 0.25	0.3	U	0.25	< 0.24	0	U	0.24
2,4-Dinitrotoluene	121-14-2		< 0.17	0.2	U	0.14	< 0.29	0.3	U	0.23	< 0.18	0.2	U	0.14	< 0.17	0	U	0.13
2,6-Dinitrotoluene	606-20-2		< 0.17	0.2	U	0.11	< 0.29	0.3	U	0.19	< 0.18	0.2	U	0.11	< 0.17	0	U	0.11
2-Chloronaphthalene	91-58-7		< 0.24	0.2	U	0.098	< 0.41	0.4	U	0.17	< 0.25	0.3	U	0.1	< 0.24	0	U	0.097
2-Chlorophenol	95-57-8		< 0.24	0.2	U	0.098	< 0.41	0.4	U	0.17	< 0.25	0.3	U	0.1	< 0.24	0	U	0.097
2-Methylnaphthalene	91-57-6		< 0.24	0.2	U	0.1	< 0.41	0.4	U	0.18	< 0.25	0.3	U	0.11	< 0.24	0	U	0.1
2-Methylphenol (o-cresol)	95-48-7	0.33	< 0.24	0.2	U	0.16	< 0.33	0.3	U	0.28	< 0.25	0.3	U	0.17	< 0.24	0	U	0.16
2-Nitroaniline	88-74-4		< 0.24	0.2	U	0.24	< 0.41	0.4	U	0.41	< 0.25	0.3	U	0.25	< 0.24	0	U	0.24
2-Nitrophenol	88-75-5		< 0.24	0.2	U	0.22	< 0.41	0.4	U	0.37	< 0.25	0.3	U	0.23	< 0.24	0	U	0.22
3&4-Methylphenol (m&p-cresol)	HNX - M&P CRESOL		< 0.24	0.2	U	0.14	< 0.41	0.4	U	0.23	< 0.25	0.3	U	0.14	< 0.24	0	U	0.13
3,3'-Dichlorobenzidine	91-94-1		< 0.17	0.2	U	0.16	< 0.29	0.3	U	0.28	< 0.18	0.2	U	0.17	< 0.17	0	U	0.16
3-Nitroaniline	99-09-2		< 0.34	0.3	U	0.69	< 0.59	0.6	U	1.2	< 0.36	0.4	U	0.71	< 0.34	0	U	0.68
4,6-Dinitro-2-methylphenol	534-52-1		< 0.21	0.2	U	0.069	< 0.35	0.4	U	0.12	< 0.21	0.2	U	0.071	< 0.2	0	U	0.068
4-Bromophenyl phenyl ether	101-55-3		< 0.24	0.2	U	0.1	< 0.41	0.4	U	0.17	< 0.25	0.3	U	0.1	< 0.24	0	U	0.1
4-Chloro-3-methylphenol	59-50-7		< 0.24	0.2	U	0.12	< 0.41	0.4	U	0.21	< 0.25	0.3	U	0.13	< 0.24	0	U	0.12
4-Chloroaniline	106-47-8		< 0.28	0.3	U	0.16	< 0.47	0.5	U	0.27	< 0.28	0.3	U	0.17	< 0.27	0	U	0.16
4-Chlorophenyl phenyl ether	7005-72-3		< 0.24	0.2	U	0.12	< 0.41	0.4	U	0.2	< 0.25	0.3	U	0.12	< 0.24	0	U	0.11
4-Nitroaniline	100-01-6		< 0.34	0.3	U	0.12	< 0.59	0.6	U	0.2	< 0.36	0.4	U	0.12	< 0.34	0	U	0.11
4-Nitrophenol	100-02-7		< 0.34	0.3	U	0.16	< 0.59	0.6	U	0.27	< 0.36	0.4	U	0.16	< 0.34	0	U	0.15
Acenaphthene	83-32-9	20	< 0.24	0.2	U	0.1	< 0.41	0.4	U	0.18	< 0.25	0.3	U	0.11	< 0.24	0	U	0.1
Acenaphthylene	208-96-8	100	< 0.24	0.2	U	0.097	< 0.41	0.4	U	0.16	< 0.25	0.3	U	0.1	< 0.24	0	U	0.095
Acetophenone	98-86-2		< 0.24	0.2	U	0.11	< 0.41	0.4	U	0.18	< 0.25	0.3	U	0.11	< 0.24	0	U	0.11
Aniline	62-53-3		< 0.28	0.3	U	0.28	< 0.47	0.5	U	0.47	< 0.28	0.3	U	0.28	< 0.27	0	U	0.27
Anthracene	120-12-7	100	< 0.24	0.2	U	0.11	< 0.41	0.4	U	0.19	< 0.25	0.3	U	0.12	< 0.24	0	U	0.11
Benz(a)anthracene	56-55-3	1	0.12	0.2	J	0.12	< 0.41	0.4	U	0.2	0.48	0.3		0.12	< 0.24	0	U	0.11
Benzidine	92-87-5		< 0.34	0.3	U	0.2	< 0.59	0.6	U	0.35	< 0.36	0.4	U	0.21	< 0.34	0	U	0.2
Benzo(a)pyrene	50-32-8	1	0.12	0.2	J	0.11	< 0.29	0.3	U	0.19	0.54	0.2		0.12	< 0.17	0	U	0.11
Benzo(b)fluoranthene	205-99-2	1	0.12	0.2	J	0.12	< 0.41	0.4	U	0.2	0.46	0.3		0.12	< 0.24	0	U	0.12
Benzo(ghi)perylene	191-24-2	100	0.13	0.2	J	0.11	< 0.41	0.4	U	0.19	0.46	0.3		0.12	< 0.24	0	U	0.11
Benzo(k)fluoranthene	207-08-9	0.8	< 0.24	0.2	U	0.11	< 0.41	0.4	U	0.2	0.42	0.3		0.12	< 0.24	0	U	0.11

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK94606				CK94609				CK94608				CK93543			
		COLLECTION DATE:	3/22/2022				3/22/2022				3/22/2022				3/23/2022			
		SAMPLE ID:	RA-26 (18.5-19)				DUP-1 220220322				RA-27 (19-19.5)				RA-31 (21-21.5)			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Semivolatiles By SW8270D																		
Benzoic acid	65-85-0		< 1.7	1.7	U	0.69	< 2.9	2.9	U	1.2	< 1.8	1.8	U	0.71	< 1.7	2	U	0.68
Benzyl butyl phthalate	85-68-7		< 0.24	0.2	U	0.089	< 0.41	0.4	U	0.15	< 0.25	0.3	U	0.092	< 0.24	0	U	0.088
Bis(2-chloroethoxy)methane	111-91-1		< 0.24	0.2	U	0.095	< 0.41	0.4	U	0.16	< 0.25	0.3	U	0.098	< 0.24	0	U	0.094
Bis(2-chloroethyl)ether	111-44-4		< 0.17	0.2	U	0.093	< 0.29	0.3	U	0.16	< 0.18	0.2	U	0.096	< 0.17	0	U	0.092
Bis(2-ethylhexyl)phthalate	117-81-7		< 0.24	0.2	U	0.099	< 0.41	0.4	U	0.17	< 0.25	0.3	U	0.1	< 0.24	0	U	0.098
Carbazole	86-74-8		< 0.17	0.2	U	0.14	< 0.29	0.3	U	0.24	< 0.18	0.2	U	0.14	< 0.17	0	U	0.14
Chrysene	218-01-9	1	0.14	0.2	J	0.12	< 0.41	0.4	U	0.2	0.53	0.3		0.12	< 0.24	0	U	0.11
Dibenz(a,h)anthracene	53-70-3	0.33	< 0.17	0.2	U	0.11	< 0.29	0.3	U	0.19	< 0.18	0.2	U	0.12	< 0.17	0	U	0.11
Dibenzofuran	132-64-9	7	< 0.24	0.2	U	0.1	< 0.41	0.4	U	0.17	< 0.25	0.3	U	0.1	< 0.24	0	U	0.099
Diethyl phthalate	84-66-2		< 0.24	0.2	U	0.11	< 0.41	0.4	U	0.19	< 0.25	0.3	U	0.11	< 0.24	0	U	0.11
Dimethylphthalate	131-11-3		< 0.24	0.2	U	0.11	< 0.41	0.4	U	0.18	< 0.25	0.3	U	0.11	< 0.24	0	U	0.11
Di-n-butylphthalate	84-74-2		< 0.24	0.2	U	0.092	< 0.41	0.4	U	0.16	< 0.25	0.3	U	0.095	< 0.24	0	U	0.091
Di-n-octylphthalate	117-84-0		< 0.24	0.2	U	0.089	< 0.41	0.4	U	0.15	< 0.25	0.3	U	0.092	< 0.24	0	U	0.088
Fluoranthene	206-44-0	100	0.2	0.2	J	0.11	< 0.41	0.4	U	0.19	0.7	0.3		0.12	< 0.24	0	U	0.11
Fluorene	86-73-7	30	< 0.24	0.2	U	0.11	< 0.41	0.4	U	0.19	< 0.25	0.3	U	0.12	< 0.24	0	U	0.11
Hexachlorobenzene	118-74-1	0.33	< 0.17	0.2	U	0.1	< 0.29	0.3	U	0.17	< 0.18	0.2	U	0.1	< 0.17	0	U	0.099
Hexachlorobutadiene	87-68-3		< 0.24	0.2	U	0.12	< 0.41	0.4	U	0.21	< 0.25	0.3	U	0.13	< 0.24	0	U	0.12
Hexachlorocyclopentadiene	77-47-4		< 0.24	0.2	U	0.11	< 0.41	0.4	U	0.18	< 0.25	0.3	U	0.11	< 0.24	0	U	0.1
Hexachloroethane	67-72-1		< 0.17	0.2	U	0.1	< 0.29	0.3	U	0.18	< 0.18	0.2	U	0.11	< 0.17	0	U	0.1
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.14	0.2	J	0.11	< 0.41	0.4	U	0.2	**0.52**	0.3		0.12	< 0.24	0	U	0.11
Isophorone	78-59-1		< 0.17	0.2	U	0.097	< 0.29	0.3	U	0.16	< 0.18	0.2	U	0.1	< 0.17	0	U	0.095
Naphthalene	91-20-3	12	< 0.24	0.2	U	0.099	< 0.41	0.4	U	0.17	< 0.25	0.3	U	0.1	< 0.24	0	U	0.098
Nitrobenzene	98-95-3		< 0.17	0.2	U	0.12	< 0.29	0.3	U	0.21	< 0.18	0.2	U	0.12	< 0.17	0	U	0.12
N-Nitrosodimethylamine	62-75-9		< 0.24	0.2	U	0.097	< 0.41	0.4	U	0.17	< 0.25	0.3	U	0.1	< 0.24	0	U	0.096
N-Nitrosodi-n-propylamine	621-64-7		< 0.17	0.2	U	0.11	< 0.29	0.3	U	0.19	< 0.18	0.2	U	0.12	< 0.17	0	U	0.11
N-Nitrosodiphenylamine	86-30-6		< 0.24	0.2	U	0.13	< 0.41	0.4	U	0.23	< 0.25	0.3	U	0.14	< 0.24	0	U	0.13
Pentachloronitrobenzene	82-68-8		< 0.24	0.2	U	0.13	< 0.41	0.4	U	0.22	< 0.25	0.3	U	0.13	< 0.24	0	U	0.13
Pentachlorophenol	87-86-5	0.8	< 0.21	0.2	U	0.13	< 0.35	0.4	U	0.22	< 0.21	0.2	U	0.13	< 0.2	0	U	0.13
Phenanthrene	85-01-8	100	< 0.24	0.2	U	0.099	< 0.41	0.4	U	0.17	0.32	0.3		0.1	< 0.24	0	U	0.097
Phenol	108-95-2	0.33	< 0.24	0.2	U	0.11	< 0.33	0.3	U	0.19	< 0.25	0.3	U	0.11	< 0.24	0	U	0.11
Pyrene	129-00-0	100	0.18	0.2	J	0.12	< 0.41	0.4	U	0.2	0.57	0.3		0.12	< 0.24	0	U	0.12
Pyridine	110-86-1		< 0.24	0.2	U	0.085	< 0.41	0.4	U	0.14	< 0.25	0.3	U	0.088	< 0.24	0	U	0.084

Eight Walkup Drive, Westborough, MA 01581-1019
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Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK94606				CK94609				CK94608				CK93543			
		COLLECTION DATE:	3/22/2022				3/22/2022				3/22/2022				3/23/2022			
		SAMPLE ID:	RA-26 (18.5-19)				DUP-1 220220322				RA-27 (19-19.5)				RA-31 (21-21.5)			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Pesticides - Soil By SW8081B																		
4,4' -DDD	72-54-8	0.0033	< 0.002	0	U	0.002	< 0.0024	0	U	0.0024	< 0.0021	0	U	0.0021	< 0.0021	0	U	0.0021
4,4' -DDE	72-55-9	0.0033	< 0.002	0	U	0.002	< 0.0024	0	U	0.0024	0.0029	0		0.0021	< 0.0021	0	U	0.0021
4,4' -DDT	50-29-3	0.0033	< 0.002	0	U	0.002	< 0.0024	0	U	0.0024	**0.0047**	0		0.0021	< 0.0021	0	U	0.0021
a-BHC	319-84-6	0.02	< 0.0067	0	U	0.0067	< 0.0078	0	U	0.0078	< 0.0071	0	U	0.0071	< 0.0068	0	U	0.0068
a-Chlordane	5103-71-9	0.094	< 0.0034	0	U	0.0034	< 0.0039	0	U	0.0039	< 0.0036	0	U	0.0036	< 0.0034	0	U	0.0034
Alachlor	15972-60-8		< 0.0034	0	U	0.0034									< 0.0034	0	U	0.0034
Aldrin	309-00-2	0.005	< 0.0034	0	U	0.0034	< 0.0039	0	U	0.0039	< 0.0036	0	U	0.0036	< 0.0034	0	U	0.0034
b-BHC	319-85-7	0.036	< 0.0067	0	U	0.0067	< 0.0078	0	U	0.0078	< 0.0071	0	U	0.0071	< 0.0068	0	U	0.0068
Chlordane	57-74-9		< 0.034	0	U	0.034	< 0.039	0	U	0.039	< 0.036	0	U	0.036	< 0.034	0	U	0.034
d-BHC	319-86-8	0.04	< 0.0067	0	U	0.0067	< 0.0078	0	U	0.0078	< 0.0071	0	U	0.0071	< 0.0068	0	U	0.0068
Dieldrin	60-57-1	0.005	< 0.0034	0	U	0.0034	< 0.0039	0	U	0.0039	< 0.0036	0	U	0.0036	< 0.0034	0	U	0.0034
Endosulfan I	959-98-8	2.4	< 0.0067	0	U	0.0067	< 0.0078	0	U	0.0078	< 0.0071	0	U	0.0071	< 0.0068	0	U	0.0068
Endosulfan II	33213-65-9	2.4	< 0.0067	0	U	0.0067	< 0.0078	0	U	0.0078	< 0.0071	0	U	0.0071	< 0.0068	0	U	0.0068
Endosulfan sulfate	1031-07-8	2.4	< 0.0067	0	U	0.0067	< 0.0078	0	U	0.0078	< 0.0071	0	U	0.0071	< 0.0068	0	U	0.0068
Endrin	72-20-8	0.014	< 0.0067	0	U	0.0067	< 0.0078	0	U	0.0078	< 0.0071	0	U	0.0071	< 0.0068	0	U	0.0068
Endrin aldehyde	7421-93-4		< 0.0067	0	U	0.0067	< 0.0078	0	U	0.0078	< 0.0071	0	U	0.0071	< 0.0068	0	U	0.0068
Endrin ketone	53494-70-5		< 0.0067	0	U	0.0067	< 0.0078	0	U	0.0078	< 0.0071	0	U	0.0071	< 0.0068	0	U	0.0068
g-BHC	58-89-9	0.1	< 0.0013	0	U	0.0013	< 0.0016	0	U	0.0016	< 0.0014	0	U	0.0014	< 0.0014	0	U	0.0014
g-Chlordane	5103-74-2		< 0.0034	0	U	0.0034	< 0.0039	0	U	0.0039	< 0.0036	0	U	0.0036	< 0.0034	0	U	0.0034
Heptachlor	76-44-8	0.042	< 0.0067	0	U	0.0067	< 0.0078	0	U	0.0078	< 0.0071	0	U	0.0071	< 0.0068	0	U	0.0068
Heptachlor epoxide	1024-57-3		< 0.0067	0	U	0.0067	< 0.0078	0	U	0.0078	< 0.0071	0	U	0.0071	< 0.0068	0	U	0.0068
Methoxychlor	72-43-5		< 0.034	0	U	0.034	< 0.039	0	U	0.039	< 0.036	0	U	0.036	< 0.034	0	U	0.034
Toxaphene	8001-35-2		< 0.13	0.1	U	0.13	< 0.16	0.2	U	0.16	< 0.14	0.1	U	0.14	< 0.14	0	U	0.14

Qualifiers:

U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	DUP-1 20220323 - RA-31 (21-21.5)				RA-37 (22.5-23)				RA-38 (21.5-22)				RA-39 (21-21.5)			
		LAB ID:	L2215063-06				L2215063-04				L2214842-08				L2214842-07			
		COLLECTION DATE:	3/23/2022				3/23/2022				3/22/2022				3/22/2022			
		SAMPLE DEPTH:																
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																
ANALYTE	**CAS**	**(mg/kg)**	**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	ND		0.0064	0.0029	ND		0.0052	0.0024	ND		0.0052	0.0024	ND		0.0059	0.0027
1,1-Dichloroethane	75-34-3	0.27	ND		0.0013	0.00018	ND		0.001	0.00015	ND		0.001	0.00015	ND		0.0012	0.00017
Chloroform	67-66-3	0.37	ND		0.0019	0.00018	ND		0.0016	0.00015	ND		0.0016	0.00015	ND		0.0018	0.00016
Carbon tetrachloride	56-23-5	0.76	ND		0.0013	0.00029	ND		0.001	0.00024	ND		0.001	0.00024	ND		0.0012	0.00027
1,2-Dichloropropane	78-87-5		ND		0.0013	0.00016	ND		0.001	0.00013	ND		0.001	0.00013	ND		0.0012	0.00015
Dibromochloromethane	124-48-1		ND		0.0013	0.00018	ND		0.001	0.00015	ND		0.001	0.00015	ND		0.0012	0.00016
1,1,2-Trichloroethane	79-00-5		ND		0.0013	0.00034	ND		0.001	0.00028	ND		0.001	0.00028	ND		0.0012	0.00031
Tetrachloroethene	127-18-4	1.3	ND		0.00064	0.00025	ND		0.00052	0.0002	ND		0.00052	0.0002	ND		0.00059	0.00023
Chlorobenzene	108-90-7	1.1	ND		0.00064	0.00016	ND		0.00052	0.00013	ND		0.00052	0.00013	ND		0.00059	0.00015
Trichlorofluoromethane	75-69-4		ND		0.0051	0.00089	ND		0.0042	0.00072	ND		0.0042	0.00073	ND		0.0047	0.00082
1,2-Dichloroethane	107-06-2	0.02	ND		0.0013	0.00033	ND		0.001	0.00027	ND		0.001	0.00027	ND		0.0012	0.0003
1,1,1-Trichloroethane	71-55-6	0.68	ND		0.00064	0.00021	ND		0.00052	0.00017	ND		0.00052	0.00018	ND		0.00059	0.0002
Bromodichloromethane	75-27-4		ND		0.00064	0.00014	ND		0.00052	0.00011	ND		0.00052	0.00011	ND		0.00059	0.00013
trans-1,3-Dichloropropene	10061-02-6		ND		0.0013	0.00035	ND		0.001	0.00028	ND		0.001	0.00029	ND		0.0012	0.00032
cis-1,3-Dichloropropene	10061-01-5		ND		0.00064	0.0002	ND		0.00052	0.00016	ND		0.00052	0.00016	ND		0.00059	0.00018
1,3-Dichloropropene, Total	542-75-6		ND		0.00064	0.0002	ND		0.00052	0.00016	ND		0.00052	0.00016	ND		0.00059	0.00018
1,1-Dichloropropene	563-58-6		ND		0.00064	0.0002	ND		0.00052	0.00016	ND		0.00052	0.00017	ND		0.00059	0.00019
Bromoform	75-25-2		ND		0.0051	0.00031	ND		0.0042	0.00026	ND		0.0042	0.00026	ND		0.0047	0.00029
1,1,2,2-Tetrachloroethane	79-34-5		ND		0.00064	0.00021	ND		0.00052	0.00017	ND		0.00052	0.00017	ND		0.00059	0.0002
Benzene	71-43-2	0.06	ND		0.00064	0.00021	ND		0.00052	0.00017	ND		0.00052	0.00017	ND		0.00059	0.0002
Toluene	108-88-3	0.7	0.0013		0.0013	0.00069	0.0011		0.001	0.00057	0.0013		0.001	0.00057	0.0016		0.0012	0.00064
Ethylbenzene	100-41-4	1	ND		0.0013	0.00018	ND		0.001	0.00015	ND		0.001	0.00015	ND		0.0012	0.00016
Chloromethane	74-87-3		ND		0.0051	0.0012	ND		0.0042	0.00097	ND		0.0042	0.00098	ND		0.0047	0.0011
Bromomethane	74-83-9		ND		0.0026	0.00074	ND		0.0021	0.00061	ND		0.0021	0.00061	ND		0.0024	0.00068
Vinyl chloride	75-01-4	0.02	ND		0.0013	0.00043	ND		0.001	0.00035	ND		0.001	0.00035	ND		0.0012	0.00039
Chloroethane	75-00-3		ND		0.0026	0.00058	ND		0.0021	0.00047	ND		0.0021	0.00047	ND		0.0024	0.00053
1,1-Dichloroethene	75-35-4	0.33	ND		0.0013	0.0003	ND		0.001	0.00025	ND		0.001	0.00025	ND		0.0012	0.00028
trans-1,2-Dichloroethene	156-60-5	0.19	ND		0.0019	0.00018	ND		0.0016	0.00014	ND		0.0016	0.00014	ND		0.0018	0.00016
Trichloroethene	79-01-6	0.47	ND		0.00064	0.00018	ND		0.00052	0.00014	ND		0.00052	0.00014	ND		0.00059	0.00016
1,2-Dichlorobenzene	95-50-1	1.1	ND		0.0026	0.00018	ND		0.0021	0.00015	ND		0.0021	0.00015	ND		0.0024	0.00017
1,3-Dichlorobenzene	541-73-1	2.4	ND		0.0026	0.00019	ND		0.0021	0.00015	ND		0.0021	0.00016	ND		0.0024	0.00017
1,4-Dichlorobenzene	106-46-7	1.8	ND		0.0026	0.00022	ND		0.0021	0.00018	ND		0.0021	0.00018	ND		0.0024	0.0002
Methyl tert butyl ether	1634-04-4	0.93	ND		0.0026	0.00026	ND		0.0021	0.00021	ND		0.0021	0.00021	ND		0.0024	0.00024
p/m-Xylene	179601-23-1		ND		0.0026	0.00072	ND		0.0021	0.00058	ND		0.0021	0.00059	ND		0.0024	0.00066
o-Xylene	95-47-6		ND		0.0013	0.00037	ND		0.001	0.0003	ND		0.001	0.0003	ND		0.0012	0.00034
Xylenes, Total	1330-20-7	0.26	ND		0.0013	0.00037	ND		0.001	0.0003	ND		0.001	0.0003	ND		0.0012	0.00034
cis-1,2-Dichloroethene	156-59-2	0.25	ND		0.0013	0.00022	ND		0.001	0.00018	ND		0.001	0.00018	ND		0.0012	0.0002
1,2-Dichloroethene, Total	540-59-0		ND		0.0013	0.00018	ND		0.001	0.00014	ND		0.001	0.00014	ND		0.0012	0.00016
Dibromomethane	74-95-3		ND		0.0026	0.0003	ND		0.0021	0.00025	ND		0.0021	0.00025	ND		0.0024	0.00028

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	DUP-1 20220323 - RA-31 (21-21.5)				RA-37 (22.5-23)				RA-38 (21.5-22)				RA-39 (21-21.5)			
		LAB ID:	L2215063-06				L2215063-04				L2214842-08				L2214842-07			
		COLLECTION DATE:	3/23/2022				3/23/2022				3/22/2022				3/22/2022			
		SAMPLE DEPTH:																
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																
ANALYTE	**CAS**	**(mg/kg)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS BY EPA 5035																		
Styrene	100-42-5		0.00028	J	0.0013	0.00025	ND		0.001	0.0002	0.00027	J	0.001	0.0002	0.00043	J	0.0012	0.00023
Dichlorodifluoromethane	75-71-8		ND		0.013	0.0012	ND		0.01	0.00095	ND		0.01	0.00096	ND		0.012	0.0011
Acetone	67-64-1	0.05	ND		0.013	0.0062	ND		0.01	0.005	ND		0.01	0.005	ND		0.012	0.0056
Carbon disulfide	75-15-0		ND		0.013	0.0058	ND		0.01	0.0047	ND		0.01	0.0048	ND		0.012	0.0053
2-Butanone	78-93-3	0.12	ND		0.013	0.0028	ND		0.01	0.0023	ND		0.01	0.0023	ND		0.012	0.0026
Vinyl acetate	108-05-4		ND		0.013	0.0028	ND		0.01	0.0022	ND		0.01	0.0022	ND		0.012	0.0025
4-Methyl-2-pentanone	108-10-1		ND		0.013	0.0016	ND		0.01	0.0013	ND		0.01	0.0013	ND		0.012	0.0015
1,2,3-Trichloropropane	96-18-4		ND		0.0026	0.00016	ND		0.0021	0.00013	ND		0.0021	0.00013	ND		0.0024	0.00015
2-Hexanone	591-78-6		ND		0.013	0.0015	ND		0.01	0.0012	ND		0.01	0.0012	ND		0.012	0.0014
Bromochloromethane	74-97-5		ND		0.0026	0.00026	ND		0.0021	0.00021	ND		0.0021	0.00021	ND		0.0024	0.00024
2,2-Dichloropropane	594-20-7		ND		0.0026	0.00026	ND		0.0021	0.00021	ND		0.0021	0.00021	ND		0.0024	0.00024
1,2-Dibromoethane	106-93-4		ND		0.0013	0.00036	ND		0.001	0.00029	ND		0.001	0.00029	ND		0.0012	0.00033
1,3-Dichloropropane	142-28-9		ND		0.0026	0.00021	ND		0.0021	0.00017	ND		0.0021	0.00018	ND		0.0024	0.0002
1,1,1,2-Tetrachloroethane	630-20-6		ND		0.00064	0.00017	ND		0.00052	0.00014	ND		0.00052	0.00014	ND		0.00059	0.00016
Bromobenzene	108-86-1		ND		0.0026	0.00018	ND		0.0021	0.00015	ND		0.0021	0.00015	ND		0.0024	0.00017
n-Butylbenzene	104-51-8	12	ND		0.0013	0.00021	ND		0.001	0.00017	ND		0.001	0.00018	ND		0.0012	0.0002
sec-Butylbenzene	135-98-8	11	ND		0.0013	0.00019	ND		0.001	0.00015	ND		0.001	0.00015	ND		0.0012	0.00017
tert-Butylbenzene	98-06-6	5.9	ND		0.0026	0.00015	ND		0.0021	0.00012	ND		0.0021	0.00012	ND		0.0024	0.00014
o-Chlorotoluene	95-49-8		ND		0.0026	0.00024	ND		0.0021	0.0002	ND		0.0021	0.0002	ND		0.0024	0.00022
p-Chlorotoluene	106-43-4		ND		0.0026	0.00014	ND		0.0021	0.00011	ND		0.0021	0.00011	ND		0.0024	0.00013
1,2-Dibromo-3-chloropropane	96-12-8		ND		0.0038	0.0013	ND		0.0031	0.001	ND		0.0031	0.001	ND		0.0035	0.0012
Hexachlorobutadiene	87-68-3		ND		0.0051	0.00022	ND		0.0042	0.00018	ND		0.0042	0.00018	ND		0.0047	0.0002
Isopropylbenzene	98-82-8		ND		0.0013	0.00014	ND		0.001	0.00011	ND		0.001	0.00011	ND		0.0012	0.00013
p-Isopropyltoluene	99-87-6		ND		0.0013	0.00014	ND		0.001	0.00011	ND		0.001	0.00011	ND		0.0012	0.00013
Naphthalene	91-20-3	12	ND		0.0051	0.00083	ND		0.0042	0.00068	ND		0.0042	0.00068	ND		0.0047	0.00076
Acrylonitrile	107-13-1		ND		0.0051	0.0015	ND		0.0042	0.0012	ND		0.0042	0.0012	ND		0.0047	0.0014
n-Propylbenzene	103-65-1	3.9	ND		0.0013	0.00022	ND		0.001	0.00018	ND		0.001	0.00018	ND		0.0012	0.0002
1,2,3-Trichlorobenzene	87-61-6		ND		0.0026	0.00041	ND		0.0021	0.00034	ND		0.0021	0.00034	ND		0.0024	0.00038
1,2,4-Trichlorobenzene	120-82-1		ND		0.0026	0.00035	ND		0.0021	0.00028	ND		0.0021	0.00028	ND		0.0024	0.00032
1,3,5-Trimethylbenzene	108-67-8	8.4	ND		0.0026	0.00025	ND		0.0021	0.0002	ND		0.0021	0.0002	ND		0.0024	0.00023
1,2,4-Trimethylbenzene	95-63-6	3.6	ND		0.0026	0.00043	ND		0.0021	0.00035	ND		0.0021	0.00035	ND		0.0024	0.00039
1,4-Dioxane	123-91-1	0.1	ND		0.1	0.045	ND		0.083	0.037	ND		0.084	0.037	ND		0.094	0.041
p-Diethylbenzene	105-05-5		ND		0.0026	0.00023	ND		0.0021	0.00018	ND		0.0021	0.00018	ND		0.0024	0.00021
p-Ethyltoluene	622-96-8		ND		0.0026	0.00049	ND		0.0021	0.0004	ND		0.0021	0.0004	ND		0.0024	0.00045
1,2,4,5-Tetramethylbenzene	95-93-2		ND		0.0026	0.00024	ND		0.0021	0.0002	ND		0.0021	0.0002	ND		0.0024	0.00022
Ethyl ether	60-29-7		ND		0.0026	0.00044	ND		0.0021	0.00036	ND		0.0021	0.00036	ND		0.0024	0.0004
trans-1,4-Dichloro-2-butene	110-57-6		ND		0.0064	0.0018	ND		0.0052	0.0015	ND		0.0052	0.0015	ND		0.0059	0.0017
Total VOCs			0.00158	-	-	-	0.0011	-	-	-	0.00157	-	-	-	0.00203	-	-	-
GENERAL CHEMISTRY																		
Solids, Total	NONE		94.4		0.1	NA	96.2		0.1	NA	95.2		0.1	NA	97.1		0.1	NA

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK93546				CK93544				CK94605				CK94604			
		COLLECTION DATE:	3/23/2022				3/23/2022				3/22/2022				3/22/2022			
		SAMPLE ID:	DUP-1 20220323				RA-37 (22.5-23)				RA-38 (21.5-22)				RA-39 (21-21.5)			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Miscellaneous/Inorganics																		
Percent Solid	PHNX - PCTSOLID		96				90				96				97			
Total Cyanide (SW9010C Distill.)	57-12-5	27	< 0.43	0	U	0.217	< 0.37	0	U	0.185	< 0.43	0.4	U	0.217	< 0.43	0.4	U	0.215
Metals, Total																		
Aluminum	7429-90-5		4,360	37		7.4	6,630	35		6.9	5,810	35		7	5,630	35		7.1
Antimony	7440-36-0		< 3.7	4	U	3.7	< 3.5	4	U	3.5	< 3.5	3.5	U	3.5	< 3.5	3.5	U	3.5
Arsenic	7440-38-2	13	< 0.74	1	U	0.74	< 0.69	1	U	0.69	< 0.70	0.7	U	0.7	< 0.71	0.7	U	0.71
Barium	7440-39-3	350	32.6	1		0.37	49.5	1		0.35	67.4	0.7		0.35	46.2	0.7		0.35
Beryllium	7440-41-7	7.2	0.2	0	J	0.15	0.18	0	J	0.14	0.18	0.3	J	0.14	0.14	0.3	J	0.14
Cadmium	7440-43-9	2.5	0.56	0		0.37	0.86	0		0.35	0.71	0.4		0.35	0.52	0.4		0.35
Calcium	7440-70-2		2,780	4		3.4	13,900	35		32	19,700	35		32	12,200	35		32
Chromium	7440-47-3	30	12.4	0		0.37	11.8	0		0.35	11.7	0.4		0.35	10.2	0.4		0.35
Cobalt	7440-48-4		4.79	0		0.37	9.74	0		0.35	6.23	0.4		0.35	4.09	0.4		0.35
Copper	7440-50-8	50	9.8	1		0.37	46.2	1		0.35	14.3	0.7		0.35	9.4	0.7		0.35
Iron	7439-89-6		9,920	37		37	15,800	35		35	10,500	35		35	11,000	35		35
Lead	7439-92-1	63	2	1		0.37	13.6	1		0.35	13.6	0.7		0.35	2.1	0.7		0.35
Magnesium	7439-95-4		3,330	4	N	3.7	10,600	35	N	35	14,200	35		35	10,300	35		35
Manganese	7439-96-5	1,600	134	0	*	0.37	196	4	*	3.5	438	3.5		3.5	123	0.4		0.35
Mercury	7439-97-6	0.18	< 0.03	0	U	0.02	< 0.03	0	U	0.02	< 0.03	0	U	0.02	< 0.03	0	U	0.02
Nickel	7440-02-0	30	7.61	0	*	0.37	12.6	0	*	0.35	11.5	0.4		0.35	7.15	0.4		0.35
Potassium	9/7/7440		1,110	7	N	2.9	2,070	7	N	2.7	1,490	7		2.7	2,050	7		2.8
Selenium	7782-49-2	3.9	< 1.5	2	U	1.3	< 1.4	1	U	1.2	< 1.4	1.4	U	1.2	< 1.4	1.4	U	1.2
Silver	7440-22-4	2	< 0.37	0	U	0.37	< 0.35	0	U	0.35	< 0.35	0.4	U	0.35	< 0.35	0.4	U	0.35
Sodium	7440-23-5		328	7		3.2	406	7		3	314	7	*	3	182	7	*	3
Thallium	7440-28-0		< 1.5	2	U	1.5	< 1.4	1	U	1.4	< 1.4	1.4	U	1.4	< 1.4	1.4	U	1.4
Vanadium	7440-62-2		16.4	0		0.37	30.8	0		0.35	15.6	0.4		0.35	13.5	0.4		0.35
Zinc	7440-66-6	109	33.9	1	*	0.37	40.2	1	*	0.35	34	0.7		0.35	21.4	0.7		0.35
PCBs By SW8082A																		
PCB-1016	12674-11-2	0.1	< 0.069	0	U	0.069	< 0.073	0	U	0.073	< 0.068	0.1	U	0.068	< 0.067	0.1	U	0.067
PCB-1221	11104-28-2	0.1	< 0.069	0	U	0.069	< 0.073	0	U	0.073	< 0.068	0.1	U	0.068	< 0.067	0.1	U	0.067
PCB-1232	11141-16-5	0.1	< 0.069	0	U	0.069	< 0.073	0	U	0.073	< 0.068	0.1	U	0.068	< 0.067	0.1	U	0.067
PCB-1242	53469-21-9	0.1	< 0.069	0	U	0.069	< 0.073	0	U	0.073	< 0.068	0.1	U	0.068	< 0.067	0.1	U	0.067
PCB-1248	12672-29-6	0.1	< 0.069	0	U	0.069	< 0.073	0	U	0.073	< 0.068	0.1	U	0.068	< 0.067	0.1	U	0.067
PCB-1254	11097-69-1	0.1	< 0.069	0	U	0.069	< 0.073	0	U	0.073	< 0.068	0.1	U	0.068	< 0.067	0.1	U	0.067
PCB-1260	11096-82-5	0.1	< 0.069	0	U	0.069	< 0.073	0	U	0.073	< 0.068	0.1	U	0.068	< 0.067	0.1	U	0.067
PCB-1262	37324-23-5	0.1	< 0.069	0	U	0.069	< 0.073	0	U	0.073	< 0.068	0.1	U	0.068	< 0.067	0.1	U	0.067
PCB-1268	11100-14-4	0.1	< 0.069	0	U	0.069	< 0.073	0	U	0.073	< 0.068	0.1	U	0.068	< 0.067	0.1	U	0.067
Semivolatiles By SW8270D																		
1,2,4,5-Tetrachlorobenzene	95-94-3		< 0.24	0	U	0.12	< 0.26	0	U	0.13	< 0.24	0.2	U	0.12	< 0.24	0.2	U	0.12

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK93546				CK93544				CK94605				CK94604			
		COLLECTION DATE:	3/23/2022				3/23/2022				3/22/2022				3/22/2022			
		SAMPLE ID:	DUP-1 20220323				RA-37 (22.5-23)				RA-38 (21.5-22)				RA-39 (21-21.5)			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Semivolatiles By SW8270D																		
1,2,4-Trichlorobenzene	120-82-1		< 0.24	0	U	0.1	< 0.26	0	U	0.11	< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.1
1,2-Dichlorobenzene	95-50-1	1.1	< 0.24	0	U	0.097	< 0.26	0	U	0.1	< 0.24	0.2	U	0.098	< 0.24	0.2	U	0.096
1,2-Diphenylhydrazine	122-66-7		< 0.24	0	U	0.11	< 0.26	0	U	0.12	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11
1,3-Dichlorobenzene	541-73-1	2.4	< 0.24	0	U	0.1	< 0.26	0	U	0.11	< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.1
1,4-Dichlorobenzene	106-46-7	1.8	< 0.24	0	U	0.1	< 0.26	0	U	0.11	< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.1
2,2'-Oxybis(1-Chloropropane)	108-60-1		< 0.24	0	U	0.095	< 0.26	0	U	0.1	< 0.24	0.2	U	0.096	< 0.24	0.2	U	0.095
2,4,5-Trichlorophenol	95-95-4		< 0.24	0	U	0.19	< 0.26	0	U	0.2	< 0.24	0.2	U	0.19	< 0.24	0.2	U	0.19
2,4,6-Trichlorophenol	88-06-2		< 0.17	0	U	0.11	< 0.18	0	U	0.12	< 0.17	0.2	U	0.11	< 0.17	0.2	U	0.11
2,4-Dichlorophenol	120-83-2		< 0.17	0	U	0.12	< 0.18	0	U	0.13	< 0.17	0.2	U	0.12	< 0.17	0.2	U	0.12
2,4-Dimethylphenol	105-67-9		< 0.24	0	U	0.085	< 0.26	0	U	0.091	< 0.24	0.2	U	0.086	< 0.24	0.2	U	0.085
2,4-Dinitrophenol	51-28-5		< 0.24	0	U	0.24	< 0.26	0	U	0.26	< 0.24	0.2	U	0.24	< 0.24	0.2	U	0.24
2,4-Dinitrotoluene	121-14-2		< 0.17	0	U	0.14	< 0.18	0	U	0.14	< 0.17	0.2	U	0.14	< 0.17	0.2	U	0.13
2,6-Dinitrotoluene	606-20-2		< 0.17	0	U	0.11	< 0.18	0	U	0.12	< 0.17	0.2	U	0.11	< 0.17	0.2	U	0.11
2-Chloronaphthalene	91-58-7		< 0.24	0	U	0.097	< 0.26	0	U	0.1	< 0.24	0.2	U	0.098	< 0.24	0.2	U	0.097
2-Chlorophenol	95-57-8		< 0.24	0	U	0.097	< 0.26	0	U	0.1	< 0.24	0.2	U	0.098	< 0.24	0.2	U	0.097
2-Methylnaphthalene	91-57-6		< 0.24	0	U	0.1	< 0.26	0	U	0.11	< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.1
2-Methylphenol (o-cresol)	95-48-7	0.33	< 0.24	0	U	0.16	< 0.26	0	U	0.17	< 0.24	0.2	U	0.16	< 0.24	0.2	U	0.16
2-Nitroaniline	88-74-4		< 0.24	0	U	0.24	< 0.26	0	U	0.26	< 0.24	0.2	U	0.24	< 0.24	0.2	U	0.24
2-Nitrophenol	88-75-5		< 0.24	0	U	0.22	< 0.26	0	U	0.23	< 0.24	0.2	U	0.22	< 0.24	0.2	U	0.22
3&4-Methylphenol (m&p-cresol)	HNX - M&P CRESOL		< 0.24	0	U	0.14	< 0.26	0	U	0.14	< 0.24	0.2	U	0.14	< 0.24	0.2	U	0.13
3,3'-Dichlorobenzidine	91-94-1		< 0.17	0	U	0.16	< 0.18	0	U	0.17	< 0.17	0.2	U	0.16	< 0.17	0.2	U	0.16
3-Nitroaniline	99-09-2		< 0.34	0	U	0.69	< 0.37	0	U	0.73	< 0.35	0.4	U	0.69	< 0.34	0.3	U	0.68
4,6-Dinitro-2-methylphenol	534-52-1		< 0.21	0	U	0.069	< 0.22	0	U	0.073	< 0.21	0.2	U	0.069	< 0.2	0.2	U	0.068
4-Bromophenyl phenyl ether	101-55-3		< 0.24	0	U	0.1	< 0.26	0	U	0.11	< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.1
4-Chloro-3-methylphenol	59-50-7		< 0.24	0	U	0.12	< 0.26	0	U	0.13	< 0.24	0.2	U	0.12	< 0.24	0.2	U	0.12
4-Chloroaniline	106-47-8		< 0.27	0	U	0.16	< 0.29	0	U	0.17	< 0.28	0.3	U	0.16	< 0.27	0.3	U	0.16
4-Chlorophenyl phenyl ether	7005-72-3		< 0.24	0	U	0.12	< 0.26	0	U	0.12	< 0.24	0.2	U	0.12	< 0.24	0.2	U	0.11
4-Nitroaniline	100-01-6		< 0.34	0	U	0.11	< 0.37	0	U	0.12	< 0.35	0.4	U	0.12	< 0.34	0.3	U	0.11
4-Nitrophenol	100-02-7		< 0.34	0	U	0.16	< 0.37	0	U	0.17	< 0.35	0.4	U	0.16	< 0.34	0.3	U	0.15
Acenaphthene	83-32-9	20	< 0.24	0	U	0.1	< 0.26	0	U	0.11	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.1
Acenaphthylene	208-96-8	100	< 0.24	0	U	0.096	< 0.26	0	U	0.1	< 0.24	0.2	U	0.097	< 0.24	0.2	U	0.096
Acetophenone	98-86-2		< 0.24	0	U	0.11	< 0.26	0	U	0.11	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11
Aniline	62-53-3		< 0.27	0	U	0.27	< 0.29	0	U	0.29	< 0.28	0.3	U	0.28	< 0.27	0.3	U	0.27
Anthracene	120-12-7	100	< 0.24	0	U	0.11	< 0.26	0	U	0.12	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11
Benz(a)anthracene	56-55-3	1	< 0.24	0	U	0.12	< 0.26	0	U	0.12	< 0.24	0.2	U	0.12	< 0.24	0.2	U	0.11
Benzidine	92-87-5		< 0.34	0	U	0.2	< 0.37	0	U	0.21	< 0.35	0.4	U	0.2	< 0.34	0.3	U	0.2
Benzo(a)pyrene	50-32-8	1	< 0.17	0	U	0.11	< 0.18	0	U	0.12	< 0.17	0.2	U	0.11	< 0.17	0.2	U	0.11
Benzo(b)fluoranthene	205-99-2	1	< 0.24	0	U	0.12	< 0.26	0	U	0.13	< 0.24	0.2	U	0.12	< 0.24	0.2	U	0.12
Benzo(ghi)perylene	191-24-2	100	< 0.24	0	U	0.11	< 0.26	0	U	0.12	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11
Benzo(k)fluoranthene	207-08-9	0.8	< 0.24	0	U	0.11	< 0.26	0	U	0.12	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK93546				CK93544				CK94605				CK94604			
		COLLECTION DATE:	3/23/2022				3/23/2022				3/22/2022				3/22/2022			
		SAMPLE ID:	DUP-1 20220323				RA-37 (22.5-23)				RA-38 (21.5-22)				RA-39 (21-21.5)			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Semivolatiles By SW8270D																		
Benzoic acid	65-85-0		< 1.7	2	U	0.69	< 1.8	2	U	0.73	< 1.7	1.7	U	0.69	< 1.7	1.7	U	0.68
Benzyl butyl phthalate	85-68-7		< 0.24	0	U	0.089	< 0.26	0	U	0.094	< 0.24	0.2	U	0.089	< 0.24	0.2	U	0.088
Bis(2-chloroethoxy)methane	111-91-1		< 0.24	0	U	0.095	< 0.26	0	U	0.1	< 0.24	0.2	U	0.096	< 0.24	0.2	U	0.094
Bis(2-chloroethyl)ether	111-44-4		< 0.17	0	U	0.093	< 0.18	0	U	0.099	< 0.17	0.2	U	0.093	< 0.17	0.2	U	0.092
Bis(2-ethylhexyl)phthalate	117-81-7		< 0.24	0	U	0.099	< 0.26	0	U	0.11	< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.098
Carbazole	86-74-8		< 0.17	0	U	0.14	< 0.18	0	U	0.15	< 0.17	0.2	U	0.14	< 0.17	0.2	U	0.14
Chrysene	218-01-9	1	< 0.24	0	U	0.12	< 0.26	0	U	0.12	< 0.24	0.2	U	0.12	< 0.24	0.2	U	0.11
Dibenz(a,h)anthracene	53-70-3	0.33	< 0.17	0	U	0.11	< 0.18	0	U	0.12	< 0.17	0.2	U	0.11	< 0.17	0.2	U	0.11
Dibenzofuran	132-64-9	7	< 0.24	0	U	0.1	< 0.26	0	U	0.11	< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.1
Diethyl phthalate	84-66-2		< 0.24	0	U	0.11	< 0.26	0	U	0.12	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11
Dimethylphthalate	131-11-3		< 0.24	0	U	0.11	< 0.26	0	U	0.11	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11
Di-n-butylphthalate	84-74-2		< 0.24	0	U	0.091	< 0.26	0	U	0.097	< 0.24	0.2	U	0.092	< 0.24	0.2	U	0.091
Di-n-octylphthalate	117-84-0		< 0.24	0	U	0.089	< 0.26	0	U	0.094	< 0.24	0.2	U	0.089	< 0.24	0.2	U	0.088
Fluoranthene	206-44-0	100	< 0.24	0	U	0.11	< 0.26	0	U	0.12	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11
Fluorene	86-73-7	30	< 0.24	0	U	0.11	< 0.26	0	U	0.12	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11
Hexachlorobenzene	118-74-1	0.33	< 0.17	0	U	0.1	< 0.18	0	U	0.11	< 0.17	0.2	U	0.1	< 0.17	0.2	U	0.1
Hexachlorobutadiene	87-68-3		< 0.24	0	U	0.12	< 0.26	0	U	0.13	< 0.24	0.2	U	0.13	< 0.24	0.2	U	0.12
Hexachlorocyclopentadiene	77-47-4		< 0.24	0	U	0.1	< 0.26	0	U	0.11	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.1
Hexachloroethane	67-72-1		< 0.17	0	U	0.1	< 0.18	0	U	0.11	< 0.17	0.2	U	0.1	< 0.17	0.2	U	0.1
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	< 0.24	0	U	0.11	< 0.26	0	U	0.12	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11
Isophorone	78-59-1		< 0.17	0	U	0.096	< 0.18	0	U	0.1	< 0.17	0.2	U	0.097	< 0.17	0.2	U	0.096
Naphthalene	91-20-3	12	< 0.24	0	U	0.099	< 0.26	0	U	0.11	< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.098
Nitrobenzene	98-95-3		< 0.17	0	U	0.12	< 0.18	0	U	0.13	< 0.17	0.2	U	0.12	< 0.17	0.2	U	0.12
N-Nitrosodimethylamine	62-75-9		< 0.24	0	U	0.097	< 0.26	0	U	0.1	< 0.24	0.2	U	0.098	< 0.24	0.2	U	0.096
N-Nitrosodi-n-propylamine	621-64-7		< 0.17	0	U	0.11	< 0.18	0	U	0.12	< 0.17	0.2	U	0.11	< 0.17	0.2	U	0.11
N-Nitrosodiphenylamine	86-30-6		< 0.24	0	U	0.13	< 0.26	0	U	0.14	< 0.24	0.2	U	0.13	< 0.24	0.2	U	0.13
Pentachloronitrobenzene	82-68-8		< 0.24	0	U	0.13	< 0.26	0	U	0.14	< 0.24	0.2	U	0.13	< 0.24	0.2	U	0.13
Pentachlorophenol	87-86-5	0.8	< 0.21	0	U	0.13	< 0.22	0	U	0.14	< 0.21	0.2	U	0.13	< 0.2	0.2	U	0.13
Phenanthrene	85-01-8	100	< 0.24	0	U	0.098	< 0.26	0	U	0.1	< 0.24	0.2	U	0.099	< 0.24	0.2	U	0.098
Phenol	108-95-2	0.33	< 0.24	0	U	0.11	< 0.26	0	U	0.12	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11
Pyrene	129-00-0	100	< 0.24	0	U	0.12	< 0.26	0	U	0.13	< 0.24	0.2	U	0.12	< 0.24	0.2	U	0.12
Pyridine	110-86-1		< 0.24	0	U	0.084	< 0.26	0	U	0.09	< 0.24	0.2	U	0.085	< 0.24	0.2	U	0.084

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK93546				CK93544				CK94605				CK94604			
		COLLECTION DATE:	3/23/2022				3/23/2022				3/22/2022				3/22/2022			
		SAMPLE ID:	DUP-1 20220323				RA-37 (22.5-23)				RA-38 (21.5-22)				RA-39 (21-21.5)			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Pesticides - Soil By SW8081B																		
4,4' -DDD	72-54-8	0.0033	< 0.0021	0	U	0.0021	< 0.0022	0	U	0.0022	< 0.0021	0	U	0.0021	< 0.002	0	U	0.002
4,4' -DDE	72-55-9	0.0033	< 0.0021	0	U	0.0021	< 0.0022	0	U	0.0022	< 0.0021	0	U	0.0021	< 0.002	0	U	0.002
4,4' -DDT	50-29-3	0.0033	< 0.0021	0	U	0.0021	< 0.0022	0	U	0.0022	< 0.0021	0	U	0.0021	< 0.002	0	U	0.002
a-BHC	319-84-6	0.02	< 0.0069	0	U	0.0069	< 0.0073	0	U	0.0073	< 0.0068	0	U	0.0068	< 0.0067	0	U	0.0067
a-Chlordane	5103-71-9	0.094	< 0.0034	0	U	0.0034	< 0.0036	0	U	0.0036	< 0.0034	0	U	0.0034	< 0.0033	0	U	0.0033
Alachlor	15972-60-8		< 0.0034	0	U	0.0034	< 0.0036	0	U	0.0036	< 0.0034	0	U	0.0034	< 0.0033	0	U	0.0033
Aldrin	309-00-2	0.005	< 0.0034	0	U	0.0034	< 0.0036	0	U	0.0036	< 0.0034	0	U	0.0034	< 0.0033	0	U	0.0033
b-BHC	319-85-7	0.036	< 0.0069	0	U	0.0069	< 0.0073	0	U	0.0073	< 0.0068	0	U	0.0068	< 0.0067	0	U	0.0067
Chlordane	57-74-9		< 0.034	0	U	0.034	< 0.036	0	U	0.036	< 0.034	0	U	0.034	< 0.033	0	U	0.033
d-BHC	319-86-8	0.04	< 0.0069	0	U	0.0069	< 0.0073	0	U	0.0073	< 0.0068	0	U	0.0068	< 0.0067	0	U	0.0067
Dieldrin	60-57-1	0.005	< 0.0034	0	U	0.0034	< 0.0036	0	U	0.0036	< 0.0034	0	U	0.0034	< 0.0033	0	U	0.0033
Endosulfan I	959-98-8	2.4	< 0.0069	0	U	0.0069	< 0.0073	0	U	0.0073	< 0.0068	0	U	0.0068	< 0.0067	0	U	0.0067
Endosulfan II	33213-65-9	2.4	< 0.0069	0	U	0.0069	< 0.0073	0	U	0.0073	< 0.0068	0	U	0.0068	< 0.0067	0	U	0.0067
Endosulfan sulfate	1031-07-8	2.4	< 0.0069	0	U	0.0069	< 0.0073	0	U	0.0073	< 0.0068	0	U	0.0068	< 0.0067	0	U	0.0067
Endrin	72-20-8	0.014	< 0.0069	0	U	0.0069	< 0.0073	0	U	0.0073	< 0.0068	0	U	0.0068	< 0.0067	0	U	0.0067
Endrin aldehyde	7421-93-4		< 0.0069	0	U	0.0069	< 0.0073	0	U	0.0073	< 0.0068	0	U	0.0068	< 0.0067	0	U	0.0067
Endrin ketone	53494-70-5		< 0.0069	0	U	0.0069	< 0.0073	0	U	0.0073	< 0.0068	0	U	0.0068	< 0.0067	0	U	0.0067
g-BHC	58-89-9	0.1	< 0.0014	0	U	0.0014	< 0.0015	0	U	0.0015	< 0.0014	0	U	0.0014	< 0.0013	0	U	0.0013
g-Chlordane	5103-74-2		< 0.0034	0	U	0.0034	< 0.0036	0	U	0.0036	< 0.0034	0	U	0.0034	< 0.0033	0	U	0.0033
Heptachlor	76-44-8	0.042	< 0.0069	0	U	0.0069	< 0.0073	0	U	0.0073	< 0.0068	0	U	0.0068	< 0.0067	0	U	0.0067
Heptachlor epoxide	1024-57-3		< 0.0069	0	U	0.0069	< 0.0073	0	U	0.0073	< 0.0068	0	U	0.0068	< 0.0067	0	U	0.0067
Methoxychlor	72-43-5		< 0.034	0	U	0.034	< 0.036	0	U	0.036	< 0.034	0	U	0.034	< 0.033	0	U	0.033
Toxaphene	8001-35-2		< 0.14	0	U	0.14	< 0.15	0	U	0.15	< 0.14	0.1	U	0.14	< 0.13	0.1	U	0.13

Qualifiers:

U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-40 (20-20.5)				RA-41 (19.5-20)				RA-42 (22.5-23)				RA-49 (22-22.5)			
		LAB ID:	L2214842-03				L2214842-06				L2215513-05				L2215063-05			
		COLLECTION DATE:	3/22/2022				3/22/2022				3/24/2022				3/23/2022			
		SAMPLE DEPTH:																
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																
ANALYTE	CAS	(mg/kg)	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	ND		0.0053	0.0024	ND		0.0057	0.0026	ND		0.0055	0.0025	ND		0.005	0.0023
1,1-Dichloroethane	75-34-3	0.27	ND		0.0011	0.00015	ND		0.0011	0.00016	ND		0.0011	0.00016	ND		0.001	0.00015
Chloroform	67-66-3	0.37	ND		0.0016	0.00015	ND		0.0017	0.00016	ND		0.0016	0.00015	ND		0.0015	0.00014
Carbon tetrachloride	56-23-5	0.76	ND		0.0011	0.00024	ND		0.0011	0.00026	ND		0.0011	0.00025	ND		0.001	0.00023
1,2-Dichloropropane	78-87-5		ND		0.0011	0.00013	ND		0.0011	0.00014	ND		0.0011	0.00014	ND		0.001	0.00012
Dibromochloromethane	124-48-1		ND		0.0011	0.00015	ND		0.0011	0.00016	ND		0.0011	0.00015	ND		0.001	0.00014
1,1,2-Trichloroethane	79-00-5		ND		0.0011	0.00028	ND		0.0011	0.0003	ND		0.0011	0.00029	ND		0.001	0.00027
Tetrachloroethene	127-18-4	1.3	ND		0.00053	0.00021	ND		0.00057	0.00022	ND		0.00055	0.00021	ND		0.0005	0.0002
Chlorobenzene	108-90-7	1.1	ND		0.00053	0.00014	ND		0.00057	0.00014	ND		0.00055	0.00014	ND		0.0005	0.00013
Trichlorofluoromethane	75-69-4		ND		0.0042	0.00074	ND		0.0046	0.00079	ND		0.0044	0.00076	ND		0.004	0.0007
1,2-Dichloroethane	107-06-2	0.02	ND		0.0011	0.00027	ND		0.0011	0.00029	ND		0.0011	0.00028	ND		0.001	0.00026
1,1,1-Trichloroethane	71-55-6	0.68	ND		0.00053	0.00018	ND		0.00057	0.00019	ND		0.00055	0.00018	ND		0.0005	0.00017
Bromodichloromethane	75-27-4		ND		0.00053	0.00012	ND		0.00057	0.00012	ND		0.00055	0.00012	ND		0.0005	0.00011
trans-1,3-Dichloropropene	10061-02-6		ND		0.0011	0.00029	ND		0.0011	0.00031	ND		0.0011	0.0003	ND		0.001	0.00028
cis-1,3-Dichloropropene	10061-01-5		ND		0.00053	0.00017	ND		0.00057	0.00018	ND		0.00055	0.00017	ND		0.0005	0.00016
1,3-Dichloropropene, Total	542-75-6		ND		0.00053	0.00017	ND		0.00057	0.00018	ND		0.00055	0.00017	ND		0.0005	0.00016
1,1-Dichloropropene	563-58-6		ND		0.00053	0.00017	ND		0.00057	0.00018	ND		0.00055	0.00017	ND		0.0005	0.00016
Bromoform	75-25-2		ND		0.0042	0.00026	ND		0.0046	0.00028	ND		0.0044	0.00027	ND		0.004	0.00025
1,1,2,2-Tetrachloroethane	79-34-5		ND		0.00053	0.00018	ND		0.00057	0.00019	ND		0.00055	0.00018	ND		0.0005	0.00017
Benzene	71-43-2	0.06	ND		0.00053	0.00018	ND		0.00057	0.00019	ND		0.00055	0.00018	ND		0.0005	0.00017
Toluene	108-88-3	0.7	0.0014		0.0011	0.00058	0.0017		0.0011	0.00062	0.0006	J	0.0011	0.00059	0.00097	J	0.001	0.00055
Ethylbenzene	100-41-4	1	ND		0.0011	0.00015	ND		0.0011	0.00016	ND		0.0011	0.00015	ND		0.001	0.00014
Chloromethane	74-87-3		ND		0.0042	0.00099	ND		0.0046	0.0011	ND		0.0044	0.001	ND		0.004	0.00094
Bromomethane	74-83-9		ND		0.0021	0.00062	ND		0.0023	0.00066	ND		0.0022	0.00064	ND		0.002	0.00058
Vinyl chloride	75-01-4	0.02	ND		0.0011	0.00036	ND		0.0011	0.00038	ND		0.0011	0.00037	ND		0.001	0.00034
Chloroethane	75-00-3		ND		0.0021	0.00048	ND		0.0023	0.00052	ND		0.0022	0.00049	ND		0.002	0.00046
1,1-Dichloroethene	75-35-4	0.33	ND		0.0011	0.00025	ND		0.0011	0.00027	ND		0.0011	0.00026	ND		0.001	0.00024
trans-1,2-Dichloroethene	156-60-5	0.19	ND		0.0016	0.00014	ND		0.0017	0.00016	ND		0.0016	0.00015	ND		0.0015	0.00014
Trichloroethene	79-01-6	0.47	ND		0.00053	0.00014	ND		0.00057	0.00016	ND		0.00055	0.00015	ND		0.0005	0.00014
1,2-Dichlorobenzene	95-50-1	1.1	ND		0.0021	0.00015	ND		0.0023	0.00016	ND		0.0022	0.00016	ND		0.002	0.00014
1,3-Dichlorobenzene	541-73-1	2.4	ND		0.0021	0.00016	ND		0.0023	0.00017	ND		0.0022	0.00016	ND		0.002	0.00015
1,4-Dichlorobenzene	106-46-7	1.8	ND		0.0021	0.00018	ND		0.0023	0.0002	ND		0.0022	0.00019	ND		0.002	0.00017
Methyl tert butyl ether	1634-04-4	0.93	ND		0.0021	0.00021	ND		0.0023	0.00023	ND		0.0022	0.00022	ND		0.002	0.0002
p/m-Xylene	179601-23-1		ND		0.0021	0.0006	ND		0.0023	0.00064	ND		0.0022	0.00061	ND		0.002	0.00056
o-Xylene	95-47-6		ND		0.0011	0.00031	ND		0.0011	0.00033	ND		0.0011	0.00032	ND		0.001	0.00029
Xylenes, Total	1330-20-7	0.26	ND		0.0011	0.00031	ND		0.0011	0.00033	ND		0.0011	0.00032	ND		0.001	0.00029
cis-1,2-Dichloroethene	156-59-2	0.25	ND		0.0011	0.00019	ND		0.0011	0.0002	ND		0.0011	0.00019	ND		0.001	0.00018
1,2-Dichloroethene, Total	540-59-0		ND		0.0011	0.00014	ND		0.0011	0.00016	ND		0.0011	0.00015	ND		0.001	0.00014
Dibromomethane	74-95-3		ND		0.0021	0.00025	ND		0.0023	0.00027	ND		0.0022	0.00026	ND		0.002	0.00024

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-40 (20-20.5)				RA-41 (19.5-20)				RA-42 (22.5-23)				RA-49 (22-22.5)			
		LAB ID:	L2214842-03				L2214842-06				L2215513-05				L2215063-05			
		COLLECTION DATE:	3/22/2022				3/22/2022				3/24/2022				3/23/2022			
		SAMPLE DEPTH:																
		SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-UNRES																
ANALYTE	**CAS**	**(mg/kg)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS BY EPA 5035																		
Styrene	100-42-5		0.00036	J	0.0011	0.00021	0.00049	J	0.0011	0.00022	0.00036	J	0.0011	0.00021	0.00022	J	0.001	0.0002
Dichlorodifluoromethane	75-71-8		ND		0.011	0.00097	ND		0.011	0.001	ND		0.011	0.001	ND		0.01	0.00092
Acetone	67-64-1	0.05	ND		0.011	0.0051	ND		0.011	0.0055	ND		0.011	0.0052	ND		0.01	0.0048
Carbon disulfide	75-15-0		ND		0.011	0.0048	ND		0.011	0.0052	ND		0.011	0.005	ND		0.01	0.0046
2-Butanone	78-93-3	0.12	ND		0.011	0.0024	ND		0.011	0.0025	ND		0.011	0.0024	ND		0.01	0.0022
Vinyl acetate	108-05-4		ND		0.011	0.0023	ND		0.011	0.0024	ND		0.011	0.0024	ND		0.01	0.0022
4-Methyl-2-pentanone	108-10-1		ND		0.011	0.0014	ND		0.011	0.0015	ND		0.011	0.0014	ND		0.01	0.0013
1,2,3-Trichloropropane	96-18-4		ND		0.0021	0.00014	ND		0.0023	0.00014	ND		0.0022	0.00014	ND		0.002	0.00013
2-Hexanone	591-78-6		ND		0.011	0.0012	ND		0.011	0.0013	ND		0.011	0.0013	ND		0.01	0.0012
Bromochloromethane	74-97-5		ND		0.0021	0.00022	ND		0.0023	0.00023	ND		0.0022	0.00022	ND		0.002	0.00021
2,2-Dichloropropane	594-20-7		ND		0.0021	0.00021	ND		0.0023	0.00023	ND		0.0022	0.00022	ND		0.002	0.0002
1,2-Dibromoethane	106-93-4		ND		0.0011	0.0003	ND		0.0011	0.00032	ND		0.0011	0.0003	ND		0.001	0.00028
1,3-Dichloropropane	142-28-9		ND		0.0021	0.00018	ND		0.0023	0.00019	ND		0.0022	0.00018	ND		0.002	0.00017
1,1,1,2-Tetrachloroethane	630-20-6		ND		0.00053	0.00014	ND		0.00057	0.00015	ND		0.00055	0.00014	ND		0.0005	0.00013
Bromobenzene	108-86-1		ND		0.0021	0.00015	ND		0.0023	0.00016	ND		0.0022	0.00016	ND		0.002	0.00015
n-Butylbenzene	104-51-8	12	ND		0.0011	0.00018	ND		0.0011	0.00019	ND		0.0011	0.00018	ND		0.001	0.00017
sec-Butylbenzene	135-98-8	11	ND		0.0011	0.00016	ND		0.0011	0.00017	ND		0.0011	0.00016	ND		0.001	0.00015
tert-Butylbenzene	98-06-6	5.9	ND		0.0021	0.00012	ND		0.0023	0.00013	ND		0.0022	0.00013	ND		0.002	0.00012
o-Chlorotoluene	95-49-8		ND		0.0021	0.0002	ND		0.0023	0.00022	ND		0.0022	0.00021	ND		0.002	0.00019
p-Chlorotoluene	106-43-4		ND		0.0021	0.00011	ND		0.0023	0.00012	ND		0.0022	0.00012	ND		0.002	0.00011
1,2-Dibromo-3-chloropropane	96-12-8		ND		0.0032	0.0011	ND		0.0034	0.0011	ND		0.0033	0.0011	ND		0.003	0.001
Hexachlorobutadiene	87-68-3		ND		0.0042	0.00018	ND		0.0046	0.00019	ND		0.0044	0.00018	ND		0.004	0.00017
Isopropylbenzene	98-82-8		ND		0.0011	0.00012	ND		0.0011	0.00012	ND		0.0011	0.00012	ND		0.001	0.00011
p-Isopropyltoluene	99-87-6		ND		0.0011	0.00012	ND		0.0011	0.00012	ND		0.0011	0.00012	ND		0.001	0.00011
Naphthalene	91-20-3	12	ND		0.0042	0.00069	ND		0.0046	0.00074	ND		0.0044	0.00071	ND		0.004	0.00065
Acrylonitrile	107-13-1		ND		0.0042	0.0012	ND		0.0046	0.0013	ND		0.0044	0.0012	ND		0.004	0.0012
n-Propylbenzene	103-65-1	3.9	ND		0.0011	0.00018	ND		0.0011	0.0002	ND		0.0011	0.00019	ND		0.001	0.00017
1,2,3-Trichlorobenzene	87-61-6		ND		0.0021	0.00034	ND		0.0023	0.00037	ND		0.0022	0.00035	ND		0.002	0.00032
1,2,4-Trichlorobenzene	120-82-1		ND		0.0021	0.00029	ND		0.0023	0.00031	ND		0.0022	0.0003	ND		0.002	0.00027
1,3,5-Trimethylbenzene	108-67-8	8.4	ND		0.0021	0.0002	ND		0.0023	0.00022	ND		0.0022	0.00021	ND		0.002	0.00019
1,2,4-Trimethylbenzene	95-63-6	3.6	ND		0.0021	0.00036	ND		0.0023	0.00038	ND		0.0022	0.00036	ND		0.002	0.00034
1,4-Dioxane	123-91-1	0.1	ND		0.085	0.037	ND		0.091	0.04	ND		0.087	0.038	ND		0.081	0.035
p-Diethylbenzene	105-05-5		ND		0.0021	0.00019	ND		0.0023	0.0002	ND		0.0022	0.00019	ND		0.002	0.00018
p-Ethyltoluene	622-96-8		ND		0.0021	0.00041	ND		0.0023	0.00044	ND		0.0022	0.00042	ND		0.002	0.00039
1,2,4,5-Tetramethylbenzene	95-93-2		ND		0.0021	0.0002	ND		0.0023	0.00022	ND		0.0022	0.00021	ND		0.002	0.00019
Ethyl ether	60-29-7		ND		0.0021	0.00036	ND		0.0023	0.00039	ND		0.0022	0.00037	ND		0.002	0.00034
trans-1,4-Dichloro-2-butene	110-57-6		ND		0.0053	0.0015	ND		0.0057	0.0016	ND		0.0055	0.0016	ND		0.005	0.0014
Total VOCs			0.00176	-	-	-	0.00219	-	-	-	0.00096	-	-	-	0.00119	-	-	-
GENERAL CHEMISTRY																		
Solids, Total	NONE		93.8		0.1	NA	97.6		0.1	NA	97.1		0.1	NA	97.5		0.1	NA

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

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK94600				CK94603				CK94622				CK93545			
		COLLECTION DATE:	3/22/2022				3/22/2022				3/24/2022				3/23/2022			
		SAMPLE ID:	RA-40 (20-20.5)				RA-41 (19.5-20)				RA-42 (22.5-23)				RA-49 (22-22.5)			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Miscellaneous/Inorganics																		
Percent Solid	PHNX - PCTSOLID		83				82				97				91			
Total Cyanide (SW9010C Distill.)	57-12-5	27	< 0.43	0.4	UN	0.215	< 0.38	0.4	U	0.191	< 0.37	0.37	U	0.184	< 0.42	0	U	0.211
Metals, Total																		
Aluminum	7429-90-5		4,650	40		8	4,150	43		8.6	5,670	37		7.4	4,140	39		7.7
Antimony	7440-36-0		< 4.0	4	U	4	< 4.3	4.3	U	4.3	< 3.7	3.7	U	3.7	< 3.9	4	U	3.9
Arsenic	7440-38-2	13	< 0.80	0.8	U	0.8	< 0.86	0.9	U	0.86	< 0.74	0.74	U	0.74	1.29	1		0.77
Barium	7440-39-3	350	34.5	0.8		0.4	36.1	0.9		0.43	36.5	0.7		0.37	32.1	1		0.39
Beryllium	7440-41-7	7.2	< 0.32	0.3	U	0.16	< 0.34	0.3	U	0.17	< 0.29	0.29	U	0.15	< 0.31	0	U	0.15
Cadmium	7440-43-9	2.5	0.55	0.4		0.4	0.46	0.4		0.43	0.48	0.37		0.37	0.85	0		0.39
Calcium	7440-70-2		14,500	40		37	28,500	43		40	28,200	37		34	38,700	39		36
Chromium	7440-47-3	30	10.3	0.4		0.4	7.7	0.4		0.43	10.4	0.37		0.37	16.7	0		0.39
Cobalt	7440-48-4		4.77	0.4		0.4	4.39	0.4		0.43	4.29	0.37		0.37	6.98	0		0.39
Copper	7440-50-8	50	9.2	0.8		0.4	8.3	0.9		0.43	8.6	0.7		0.37	15.6	1		0.39
Iron	7439-89-6		10,600	4		4	10,300	4.3		4.3	9,740	3.7		3.7	16,700	39		39
Lead	7439-92-1	63	7.1	0.8		0.4	1.9	0.9		0.43	2.4	0.7		0.37	3.6	1		0.39
Magnesium	7439-95-4		11,600	40		40	19,500	43		43	18,100	37		37	24,100	39	N	39
Manganese	7439-96-5	1,600	135	0.4		0.4	123	0.4		0.43	138	0.37		0.37	205	4	*	3.9
Mercury	7439-97-6	0.18	< 0.03	0	U	0.02	< 0.03	0	U	0.02	< 0.03	0.03	U	0.02	< 0.03	0	U	0.02
Nickel	7440-02-0	30	7.39	0.4		0.4	7	0.4		0.43	6.77	0.37		0.37	10.3	0	*	0.39
Potassium	9/7/7440		1,480	8		3.1	1,700	9		3.3	1,850	7		2.9	1,720	8	N	3
Selenium	7782-49-2	3.9	< 1.6	1.6	U	1.4	< 1.7	1.7	U	1.5	< 1.5	1.5	U	1.3	< 1.5	2	U	1.3
Silver	7440-22-4	2	< 0.40	0.4	U	0.4	< 0.43	0.4	U	0.43	< 0.37	0.37	U	0.37	< 0.39	0	U	0.39
Sodium	7440-23-5		240	8	*	3.5	125	9	*	3.7	164	7	*	3.2	72	8		3.3
Thallium	7440-28-0		< 1.6	1.6	U	1.6	< 1.7	1.7	U	1.7	< 1.5	1.5	U	1.5	< 1.5	2	U	1.5
Vanadium	7440-62-2		13.4	0.4		0.4	11.5	0.4		0.43	13.2	0.37		0.37	23	0		0.39
Zinc	7440-66-6	109	25.5	0.8		0.4	21.2	0.9		0.43	19.9	0.7		0.37	25	1	*	0.39
PCBs By SW8082A																		
PCB-1016	12674-11-2	0.1	< 0.079	0.1	U	0.079	< 0.081	0.1	U	0.081	< 0.068	0.068	U	0.068	< 0.071	0	U	0.071
PCB-1221	11104-28-2	0.1	< 0.079	0.1	U	0.079	< 0.081	0.1	U	0.081	< 0.068	0.068	U	0.068	< 0.071	0	U	0.071
PCB-1232	11141-16-5	0.1	< 0.079	0.1	U	0.079	< 0.081	0.1	U	0.081	< 0.068	0.068	U	0.068	< 0.071	0	U	0.071
PCB-1242	53469-21-9	0.1	< 0.079	0.1	U	0.079	< 0.081	0.1	U	0.081	< 0.068	0.068	U	0.068	< 0.071	0	U	0.071
PCB-1248	12672-29-6	0.1	< 0.079	0.1	U	0.079	< 0.081	0.1	U	0.081	< 0.068	0.068	U	0.068	< 0.071	0	U	0.071
PCB-1254	11097-69-1	0.1	< 0.079	0.1	U	0.079	< 0.081	0.1	U	0.081	< 0.068	0.068	U	0.068	< 0.071	0	U	0.071
PCB-1260	11096-82-5	0.1	< 0.079	0.1	U	0.079	< 0.081	0.1	U	0.081	< 0.068	0.068	U	0.068	< 0.071	0	U	0.071
PCB-1262	37324-23-5	0.1	< 0.079	0.1	U	0.079	< 0.081	0.1	U	0.081	< 0.068	0.068	U	0.068	< 0.071	0	U	0.071
PCB-1268	11100-14-4	0.1	< 0.079	0.1	U	0.079	< 0.081	0.1	U	0.081	< 0.068	0.068	U	0.068	< 0.071	0	U	0.071
Semivolatiles By SW8270D																		
1,2,4,5-Tetrachlorobenzene	95-94-3		< 0.41	0.4	U	0.21	< 0.42	0.4	U	0.21	< 0.24	0.24	U	0.12	< 0.25	0	U	0.13

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK94600				CK94603				CK94622				CK93545			
		COLLECTION DATE:	3/22/2022				3/22/2022				3/24/2022				3/23/2022			
		SAMPLE ID:	RA-40 (20-20.5)				RA-41 (19.5-20)				RA-42 (22.5-23)				RA-49 (22-22.5)			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Semivolatiles By SW8270D																		
1,2,4-Trichlorobenzene	120-82-1		< 0.41	0.4	U	0.18	< 0.42	0.4	U	0.18	< 0.24	0.24	U	0.1	< 0.25	0	U	0.11
1,2-Dichlorobenzene	95-50-1	1.1	< 0.41	0.4	U	0.17	< 0.42	0.4	U	0.17	< 0.24	0.24	U	0.095	< 0.25	0	U	0.1
1,2-Diphenylhydrazine	122-66-7		< 0.41	0.4	U	0.19	< 0.42	0.4	U	0.2	< 0.24	0.24	U	0.11	< 0.25	0	U	0.12
1,3-Dichlorobenzene	541-73-1	2.4	< 0.41	0.4	U	0.17	< 0.42	0.4	U	0.18	< 0.24	0.24	U	0.1	< 0.25	0	U	0.11
1,4-Dichlorobenzene	106-46-7	1.8	< 0.41	0.4	U	0.17	< 0.42	0.4	U	0.18	< 0.24	0.24	U	0.1	< 0.25	0	U	0.11
2,2'-Oxybis(1-Chloropropane)	108-60-1		< 0.41	0.4	U	0.16	< 0.42	0.4	U	0.17	< 0.24	0.24	U	0.094	< 0.25	0	U	0.099
2,4,5-Trichlorophenol	95-95-4		< 0.41	0.4	U	0.32	< 0.42	0.4	U	0.33	< 0.24	0.24	U	0.18	< 0.25	0	U	0.2
2,4,6-Trichlorophenol	88-06-2		< 0.29	0.3	U	0.19	< 0.3	0.3	U	0.19	< 0.17	0.17	U	0.11	< 0.18	0	U	0.11
2,4-Dichlorophenol	120-83-2		< 0.29	0.3	U	0.21	< 0.3	0.3	U	0.21	< 0.17	0.17	U	0.12	< 0.18	0	U	0.13
2,4-Dimethylphenol	105-67-9		< 0.41	0.4	U	0.15	< 0.42	0.4	U	0.15	< 0.24	0.24	U	0.084	< 0.25	0	U	0.089
2,4-Dinitrophenol	51-28-5		< 0.41	0.4	U	0.41	< 0.42	0.4	U	0.42	< 0.24	0.24	U	0.24	< 0.25	0	U	0.25
2,4-Dinitrotoluene	121-14-2		< 0.29	0.3	U	0.23	< 0.3	0.3	U	0.24	< 0.17	0.17	U	0.13	< 0.18	0	U	0.14
2,6-Dinitrotoluene	606-20-2		< 0.29	0.3	U	0.19	< 0.3	0.3	U	0.19	< 0.17	0.17	U	0.11	< 0.18	0	U	0.11
2-Chloronaphthalene	91-58-7		< 0.41	0.4	U	0.17	< 0.42	0.4	U	0.17	< 0.24	0.24	U	0.096	< 0.25	0	U	0.1
2-Chlorophenol	95-57-8		< 0.41	0.4	U	0.17	< 0.42	0.4	U	0.17	< 0.24	0.24	U	0.096	< 0.25	0	U	0.1
2-Methylnaphthalene	91-57-6		< 0.41	0.4	U	0.17	< 0.42	0.4	U	0.18	< 0.24	0.24	U	0.1	< 0.25	0	U	0.11
2-Methylphenol (o-cresol)	95-48-7	0.33	< 0.33	0.3	U	0.28	< 0.33	0.3	U	0.28	< 0.24	0.24	U	0.16	< 0.25	0	U	0.17
2-Nitroaniline	88-74-4		< 0.41	0.4	U	0.41	< 0.42	0.4	U	0.42	< 0.24	0.24	U	0.24	< 0.25	0	U	0.25
2-Nitrophenol	88-75-5		< 0.41	0.4	U	0.37	< 0.42	0.4	U	0.38	< 0.24	0.24	U	0.21	< 0.25	0	U	0.23
3&4-Methylphenol (m&p-cresol)	HNX - M&P CRESOL		< 0.41	0.4	U	0.23	< 0.42	0.4	U	0.24	< 0.24	0.24	U	0.13	< 0.25	0	U	0.14
3,3'-Dichlorobenzidine	91-94-1		< 0.29	0.3	U	0.28	< 0.3	0.3	U	0.28	< 0.17	0.17	U	0.16	< 0.18	0	U	0.17
3-Nitroaniline	99-09-2		< 0.59	0.6	U	1.2	< 0.6	0.6	U	1.2	< 0.34	0.34	U	0.67	< 0.36	0	U	0.71
4,6-Dinitro-2-methylphenol	534-52-1		< 0.35	0.4	U	0.12	< 0.36	0.4	U	0.12	< 0.2	0.2	U	0.067	< 0.21	0	U	0.071
4-Bromophenyl phenyl ether	101-55-3		< 0.41	0.4	U	0.17	< 0.42	0.4	U	0.18	< 0.24	0.24	U	0.099	< 0.25	0	U	0.11
4-Chloro-3-methylphenol	59-50-7		< 0.41	0.4	U	0.21	< 0.42	0.4	U	0.21	< 0.24	0.24	U	0.12	< 0.25	0	U	0.13
4-Chloroaniline	106-47-8		< 0.47	0.5	U	0.27	< 0.48	0.5	U	0.28	< 0.27	0.27	U	0.16	< 0.29	0	U	0.17
4-Chlorophenyl phenyl ether	7005-72-3		< 0.41	0.4	U	0.2	< 0.42	0.4	U	0.2	< 0.24	0.24	U	0.11	< 0.25	0	U	0.12
4-Nitroaniline	100-01-6		< 0.59	0.6	U	0.2	< 0.6	0.6	U	0.2	< 0.34	0.34	U	0.11	< 0.36	0	U	0.12
4-Nitrophenol	100-02-7		< 0.59	0.6	U	0.26	< 0.6	0.6	U	0.27	< 0.34	0.34	U	0.15	< 0.36	0	U	0.16
Acenaphthene	83-32-9	20	< 0.41	0.4	U	0.18	< 0.42	0.4	U	0.18	< 0.24	0.24	U	0.1	< 0.25	0	U	0.11
Acenaphthylene	208-96-8	100	< 0.41	0.4	U	0.16	< 0.42	0.4	U	0.17	< 0.24	0.24	U	0.094	< 0.25	0	U	0.1
Acetophenone	98-86-2		< 0.41	0.4	U	0.18	< 0.42	0.4	U	0.19	< 0.24	0.24	U	0.11	< 0.25	0	U	0.11
Aniline	62-53-3		< 0.47	0.5	U	0.47	< 0.48	0.5	U	0.48	< 0.27	0.27	U	0.27	< 0.29	0	U	0.29
Anthracene	120-12-7	100	< 0.41	0.4	U	0.19	< 0.42	0.4	U	0.2	< 0.24	0.24	U	0.11	< 0.25	0	U	0.12
Benz(a)anthracene	56-55-3	1	< 0.41	0.4	U	0.2	< 0.42	0.4	U	0.2	< 0.24	0.24	U	0.11	< 0.25	0	U	0.12
Benzidine	92-87-5		< 0.59	0.6	U	0.34	< 0.6	0.6	U	0.35	< 0.34	0.34	U	0.2	< 0.36	0	U	0.21
Benzo(a)pyrene	50-32-8	1	< 0.29	0.3	U	0.19	< 0.3	0.3	U	0.2	< 0.17	0.17	U	0.11	< 0.18	0	U	0.12
Benzo(b)fluoranthene	205-99-2	1	< 0.41	0.4	U	0.2	< 0.42	0.4	U	0.21	< 0.24	0.24	U	0.12	< 0.25	0	U	0.12
Benzo(ghi)perylene	191-24-2	100	< 0.41	0.4	U	0.19	< 0.42	0.4	U	0.2	< 0.24	0.24	U	0.11	< 0.25	0	U	0.12
Benzo(k)fluoranthene	207-08-9	0.8	< 0.41	0.4	U	0.19	< 0.42	0.4	U	0.2	< 0.24	0.24	U	0.11	< 0.25	0	U	0.12

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK94600				CK94603				CK94622				CK93545			
		COLLECTION DATE:	3/22/2022				3/22/2022				3/24/2022				3/23/2022			
		SAMPLE ID:	RA-40 (20-20.5)				RA-41 (19.5-20)				RA-42 (22.5-23)				RA-49 (22-22.5)			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Semivolatiles By SW8270D																		
Benzoic acid	65-85-0		< 2.9	2.9	U	1.2	< 3	3	U	1.2	< 1.7	1.7	U	0.67	< 1.8	2	U	0.71
Benzyl butyl phthalate	85-68-7		< 0.41	0.4	U	0.15	< 0.42	0.4	U	0.16	0.089	0.24	J	0.087	< 0.25	0	U	0.092
Bis(2-chloroethoxy)methane	111-91-1		< 0.41	0.4	U	0.16	< 0.42	0.4	U	0.17	< 0.24	0.24	U	0.093	< 0.25	0	U	0.099
Bis(2-chloroethyl)ether	111-44-4		< 0.29	0.3	U	0.16	< 0.3	0.3	U	0.16	< 0.17	0.17	U	0.091	< 0.18	0	U	0.096
Bis(2-ethylhexyl)phthalate	117-81-7		< 0.41	0.4	U	0.17	< 0.42	0.4	U	0.17	< 0.24	0.24	U	0.097	< 0.25	0	U	0.1
Carbazole	86-74-8		< 0.29	0.3	U	0.23	< 0.3	0.3	U	0.24	< 0.17	0.17	U	0.13	< 0.18	0	U	0.14
Chrysene	218-01-9	1	< 0.41	0.4	U	0.2	< 0.42	0.4	U	0.2	< 0.24	0.24	U	0.11	< 0.25	0	U	0.12
Dibenz(a,h)anthracene	53-70-3	0.33	< 0.29	0.3	U	0.19	< 0.3	0.3	U	0.2	< 0.17	0.17	U	0.11	< 0.18	0	U	0.12
Dibenzofuran	132-64-9	7	< 0.41	0.4	U	0.17	< 0.42	0.4	U	0.18	< 0.24	0.24	U	0.098	< 0.25	0	U	0.1
Diethyl phthalate	84-66-2		< 0.41	0.4	U	0.19	< 0.42	0.4	U	0.19	< 0.24	0.24	U	0.11	< 0.25	0	U	0.11
Dimethylphthalate	131-11-3		< 0.41	0.4	U	0.18	< 0.42	0.4	U	0.19	< 0.24	0.24	U	0.1	< 0.25	0	U	0.11
Di-n-butylphthalate	84-74-2		< 0.41	0.4	U	0.16	< 0.42	0.4	U	0.16	< 0.24	0.24	U	0.09	< 0.25	0	U	0.095
Di-n-octylphthalate	117-84-0		< 0.41	0.4	U	0.15	< 0.42	0.4	U	0.16	< 0.24	0.24	U	0.087	< 0.25	0	U	0.092
Fluoranthene	206-44-0	100	< 0.41	0.4	U	0.19	< 0.42	0.4	U	0.2	< 0.24	0.24	U	0.11	< 0.25	0	U	0.12
Fluorene	86-73-7	30	< 0.41	0.4	U	0.19	< 0.42	0.4	U	0.2	< 0.24	0.24	U	0.11	< 0.25	0	U	0.12
Hexachlorobenzene	118-74-1	0.33	< 0.29	0.3	U	0.17	< 0.3	0.3	U	0.18	< 0.17	0.17	U	0.098	< 0.18	0	U	0.1
Hexachlorobutadiene	87-68-3		< 0.41	0.4	U	0.21	< 0.42	0.4	U	0.22	< 0.24	0.24	U	0.12	< 0.25	0	U	0.13
Hexachlorocyclopentadiene	77-47-4		< 0.41	0.4	U	0.18	< 0.42	0.4	U	0.18	< 0.24	0.24	U	0.1	< 0.25	0	U	0.11
Hexachloroethane	67-72-1		< 0.29	0.3	U	0.18	< 0.3	0.3	U	0.18	< 0.17	0.17	U	0.1	< 0.18	0	U	0.11
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	< 0.41	0.4	U	0.19	< 0.42	0.4	U	0.2	< 0.24	0.24	U	0.11	< 0.25	0	U	0.12
Isophorone	78-59-1		< 0.29	0.3	U	0.16	< 0.3	0.3	U	0.17	< 0.17	0.17	U	0.094	< 0.18	0	U	0.1
Naphthalene	91-20-3	12	< 0.41	0.4	U	0.17	< 0.42	0.4	U	0.17	< 0.24	0.24	U	0.097	< 0.25	0	U	0.1
Nitrobenzene	98-95-3		< 0.29	0.3	U	0.2	< 0.3	0.3	U	0.21	< 0.17	0.17	U	0.12	< 0.18	0	U	0.13
N-Nitrosodimethylamine	62-75-9		< 0.41	0.4	U	0.17	< 0.42	0.4	U	0.17	< 0.24	0.24	U	0.095	< 0.25	0	U	0.1
N-Nitrosodi-n-propylamine	621-64-7		< 0.29	0.3	U	0.19	< 0.3	0.3	U	0.2	< 0.17	0.17	U	0.11	< 0.18	0	U	0.12
N-Nitrosodiphenylamine	86-30-6		< 0.41	0.4	U	0.22	< 0.42	0.4	U	0.23	< 0.24	0.24	U	0.13	< 0.25	0	U	0.14
Pentachloronitrobenzene	82-68-8		< 0.41	0.4	U	0.22	< 0.42	0.4	U	0.22	< 0.24	0.24	U	0.13	< 0.25	0	U	0.13
Pentachlorophenol	87-86-5	0.8	< 0.35	0.4	U	0.22	< 0.36	0.4	U	0.23	< 0.2	0.2	U	0.13	< 0.21	0	U	0.14
Phenanthrene	85-01-8	100	< 0.41	0.4	U	0.17	< 0.42	0.4	U	0.17	< 0.24	0.24	U	0.096	< 0.25	0	U	0.1
Phenol	108-95-2	0.33	< 0.33	0.3	U	0.19	< 0.33	0.3	U	0.19	< 0.24	0.24	U	0.11	< 0.25	0	U	0.11
Pyrene	129-00-0	100	< 0.41	0.4	U	0.2	< 0.42	0.4	U	0.21	< 0.24	0.24	U	0.12	< 0.25	0	U	0.12
Pyridine	110-86-1		< 0.41	0.4	U	0.14	< 0.42	0.4	U	0.15	< 0.24	0.24	U	0.083	< 0.25	0	U	0.088

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK94600				CK94603				CK94622				CK93545			
		COLLECTION DATE:	3/22/2022				3/22/2022				3/24/2022				3/23/2022			
		SAMPLE ID:	RA-40 (20-20.5)				RA-41 (19.5-20)				RA-42 (22.5-23)				RA-49 (22-22.5)			
		SAMPLE MATRIX:	Soil				Soil				Soil				Soil			
		NY-UNRES																
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Pesticides - Soil By SW8081B																		
4,4' -DDD	72-54-8	0.0033	< 0.0024	0	U	0.0024	< 0.0024	0	U	0.0024	< 0.002	0.002	U	0.002	< 0.0021	0	U	0.0021
4,4' -DDE	72-55-9	0.0033	< 0.0024	0	U	0.0024	< 0.0024	0	U	0.0024	< 0.002	0.002	U	0.002	< 0.0021	0	U	0.0021
4,4' -DDT	50-29-3	0.0033	< 0.0024	0	U	0.0024	< 0.0024	0	U	0.0024	< 0.002	0.002	U	0.002	< 0.0021	0	U	0.0021
a-BHC	319-84-6	0.02	< 0.0079	0	U	0.0079	< 0.0081	0	U	0.0081	< 0.0068	0.0068	U	0.0068	< 0.0071	0	U	0.0071
a-Chlordane	5103-71-9	0.094	< 0.004	0	U	0.004	< 0.0041	0	U	0.0041	< 0.0034	0.0034	U	0.0034	< 0.0036	0	U	0.0036
Alachlor	15972-60-8		< 0.004	0	U	0.004	< 0.0041	0	U	0.0041	< 0.0034	0.0034	U	0.0034	< 0.0036	0	U	0.0036
Aldrin	309-00-2	0.005	< 0.004	0	U	0.004	< 0.0041	0	U	0.0041	< 0.0034	0.0034	U	0.0034	< 0.0036	0	U	0.0036
b-BHC	319-85-7	0.036	< 0.0079	0	U	0.0079	< 0.0081	0	U	0.0081	< 0.0068	0.0068	U	0.0068	< 0.0071	0	U	0.0071
Chlordane	57-74-9		< 0.04	0	U	0.04	< 0.041	0	U	0.041	< 0.034	0.034	U	0.034	< 0.036	0	U	0.036
d-BHC	319-86-8	0.04	< 0.0079	0	U	0.0079	< 0.0081	0	U	0.0081	< 0.0068	0.0068	U	0.0068	< 0.0071	0	U	0.0071
Dieldrin	60-57-1	0.005	< 0.004	0	U	0.004	< 0.0041	0	U	0.0041	< 0.0034	0.0034	U	0.0034	< 0.0036	0	U	0.0036
Endosulfan I	959-98-8	2.4	< 0.0079	0	U	0.0079	< 0.0081	0	U	0.0081	< 0.0068	0.0068	U	0.0068	< 0.0071	0	U	0.0071
Endosulfan II	33213-65-9	2.4	< 0.0079	0	U	0.0079	< 0.0081	0	U	0.0081	< 0.0068	0.0068	U	0.0068	< 0.0071	0	U	0.0071
Endosulfan sulfate	1031-07-8	2.4	< 0.0079	0	U	0.0079	< 0.0081	0	U	0.0081	< 0.0068	0.0068	U	0.0068	< 0.0071	0	U	0.0071
Endrin	72-20-8	0.014	< 0.0079	0	U	0.0079	< 0.0081	0	U	0.0081	< 0.0068	0.0068	U	0.0068	< 0.0071	0	U	0.0071
Endrin aldehyde	7421-93-4		< 0.0079	0	U	0.0079	< 0.0081	0	U	0.0081	< 0.0068	0.0068	U	0.0068	< 0.0071	0	U	0.0071
Endrin ketone	53494-70-5		< 0.0079	0	U	0.0079	< 0.0081	0	U	0.0081	< 0.0068	0.0068	U	0.0068	< 0.0071	0	U	0.0071
g-BHC	58-89-9	0.1	< 0.0016	0	U	0.0016	< 0.0016	0	U	0.0016	< 0.0014	0.0014	U	0.0014	< 0.0014	0	U	0.0014
g-Chlordane	5103-74-2		< 0.004	0	U	0.004	< 0.0041	0	U	0.0041	< 0.0034	0.0034	U	0.0034	< 0.0036	0	U	0.0036
Heptachlor	76-44-8	0.042	< 0.0079	0	U	0.0079	< 0.0081	0	U	0.0081	< 0.0068	0.0068	U	0.0068	< 0.0071	0	U	0.0071
Heptachlor epoxide	1024-57-3		< 0.0079	0	U	0.0079	< 0.0081	0	U	0.0081	< 0.0068	0.0068	U	0.0068	< 0.0071	0	U	0.0071
Methoxychlor	72-43-5		< 0.04	0	U	0.04	< 0.041	0	U	0.041	< 0.034	0.034	U	0.034	< 0.036	0	U	0.036
Toxaphene	8001-35-2		< 0.16	0.2	U	0.16	< 0.16	0.2	U	0.16	< 0.14	0.14	U	0.14	< 0.14	0	U	0.14

Qualifiers:

U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-51 (22.5-23)				RA-52 (22-22.5)				RA-50 (22-22.5)			
		LAB ID:	L2214842-04				L2214842-05				L2214842-10			
		COLLECTION DATE:	3/22/2022				3/22/2022				3/22/2022			
		SAMPLE DEPTH:												
		SAMPLE MATRIX:	SOIL				SOIL				SOIL			
		NY-UNRES												
ANALYTE	**CAS**	**(mg/kg)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS BY EPA 5035														
Methylene chloride	75-09-2	0.05	ND		0.0068	0.0031	ND		0.0057	0.0026	ND		0.0057	0.0026
1,1-Dichloroethane	75-34-3	0.27	ND		0.0014	0.0002	ND		0.0011	0.00016	ND		0.0011	0.00016
Chloroform	67-66-3	0.37	ND		0.002	0.00019	ND		0.0017	0.00016	ND		0.0017	0.00016
Carbon tetrachloride	56-23-5	0.76	ND		0.0014	0.00031	ND		0.0011	0.00026	ND		0.0011	0.00026
1,2-Dichloropropane	78-87-5		ND		0.0014	0.00017	ND		0.0011	0.00014	ND		0.0011	0.00014
Dibromochloromethane	124-48-1		ND		0.0014	0.00019	ND		0.0011	0.00016	ND		0.0011	0.00016
1,1,2-Trichloroethane	79-00-5		ND		0.0014	0.00036	ND		0.0011	0.0003	ND		0.0011	0.0003
Tetrachloroethene	127-18-4	1.3	ND		0.00068	0.00027	ND		0.00057	0.00022	ND		0.00057	0.00022
Chlorobenzene	108-90-7	1.1	ND		0.00068	0.00017	ND		0.00057	0.00014	ND		0.00057	0.00014
Trichlorofluoromethane	75-69-4		ND		0.0055	0.00095	ND		0.0046	0.0008	ND		0.0046	0.00079
1,2-Dichloroethane	107-06-2	0.02	ND		0.0014	0.00035	ND		0.0011	0.00029	ND		0.0011	0.00029
1,1,1-Trichloroethane	71-55-6	0.68	ND		0.00068	0.00023	ND		0.00057	0.00019	ND		0.00057	0.00019
Bromodichloromethane	75-27-4		ND		0.00068	0.00015	ND		0.00057	0.00012	ND		0.00057	0.00012
trans-1,3-Dichloropropene	10061-02-6		ND		0.0014	0.00037	ND		0.0011	0.00031	ND		0.0011	0.00031
cis-1,3-Dichloropropene	10061-01-5		ND		0.00068	0.00022	ND		0.00057	0.00018	ND		0.00057	0.00018
1,3-Dichloropropene, Total	542-75-6		ND		0.00068	0.00022	ND		0.00057	0.00018	ND		0.00057	0.00018
1,1-Dichloropropene	563-58-6		ND		0.00068	0.00022	ND		0.00057	0.00018	ND		0.00057	0.00018
Bromoform	75-25-2		ND		0.0055	0.00034	ND		0.0046	0.00028	ND		0.0046	0.00028
1,1,2,2-Tetrachloroethane	79-34-5		ND		0.00068	0.00023	ND		0.00057	0.00019	ND		0.00057	0.00019
Benzene	71-43-2	0.06	ND		0.00068	0.00023	ND		0.00057	0.00019	ND		0.00057	0.00019
Toluene	108-88-3	0.7	0.0019		0.0014	0.00074	0.0018		0.0011	0.00062	0.0015		0.0011	0.00062
Ethylbenzene	100-41-4	1	ND		0.0014	0.00019	ND		0.0011	0.00016	ND		0.0011	0.00016
Chloromethane	74-87-3		ND		0.0055	0.0013	ND		0.0046	0.0011	ND		0.0046	0.0011
Bromomethane	74-83-9		ND		0.0027	0.00079	ND		0.0023	0.00066	ND		0.0023	0.00066
Vinyl chloride	75-01-4	0.02	ND		0.0014	0.00046	ND		0.0011	0.00038	ND		0.0011	0.00038
Chloroethane	75-00-3		ND		0.0027	0.00062	ND		0.0023	0.00052	ND		0.0023	0.00052
1,1-Dichloroethene	75-35-4	0.33	ND		0.0014	0.00032	ND		0.0011	0.00027	ND		0.0011	0.00027
trans-1,2-Dichloroethene	156-60-5	0.19	ND		0.002	0.00019	ND		0.0017	0.00016	ND		0.0017	0.00016
Trichloroethene	79-01-6	0.47	ND		0.00068	0.00019	ND		0.00057	0.00016	ND		0.00057	0.00016
1,2-Dichlorobenzene	95-50-1	1.1	ND		0.0027	0.0002	ND		0.0023	0.00016	ND		0.0023	0.00016
1,3-Dichlorobenzene	541-73-1	2.4	ND		0.0027	0.0002	ND		0.0023	0.00017	ND		0.0023	0.00017
1,4-Dichlorobenzene	106-46-7	1.8	ND		0.0027	0.00023	ND		0.0023	0.0002	ND		0.0023	0.0002
Methyl tert butyl ether	1634-04-4	0.93	ND		0.0027	0.00027	ND		0.0023	0.00023	ND		0.0023	0.00023
p/m-Xylene	179601-23-1		ND		0.0027	0.00076	ND		0.0023	0.00064	ND		0.0023	0.00064
o-Xylene	95-47-6		ND		0.0014	0.0004	ND		0.0011	0.00033	ND		0.0011	0.00033
Xylenes, Total	1330-20-7	0.26	ND		0.0014	0.0004	ND		0.0011	0.00033	ND		0.0011	0.00033
cis-1,2-Dichloroethene	156-59-2	0.25	ND		0.0014	0.00024	ND		0.0011	0.0002	ND		0.0011	0.0002
1,2-Dichloroethene, Total	540-59-0		ND		0.0014	0.00019	ND		0.0011	0.00016	ND		0.0011	0.00016
Dibromomethane	74-95-3		ND		0.0027	0.00032	ND		0.0023	0.00027	ND		0.0023	0.00027

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		SAMPLE ID:	RA-51 (22.5-23)				RA-52 (22-22.5)				RA-50 (22-22.5)			
		LAB ID:	L2214842-04				L2214842-05				L2214842-10			
		COLLECTION DATE:	3/22/2022				3/22/2022				3/22/2022			
		SAMPLE DEPTH:												
		SAMPLE MATRIX:	SOIL				SOIL				SOIL			
		NY-UNRES												
ANALYTE	**CAS**	**(mg/kg)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS BY EPA 5035														
Styrene	100-42-5		0.00055	J	0.0014	0.00027	0.00047	J	0.0011	0.00022	0.00042	J	0.0011	0.00022
Dichlorodifluoromethane	75-71-8		ND		0.014	0.0012	ND		0.011	0.001	ND		0.011	0.001
Acetone	67-64-1	0.05	ND		0.014	0.0066	ND		0.011	0.0055	ND		0.011	0.0055
Carbon disulfide	75-15-0		ND		0.014	0.0062	ND		0.011	0.0052	ND		0.011	0.0052
2-Butanone	78-93-3	0.12	ND		0.014	0.003	ND		0.011	0.0025	ND		0.011	0.0025
Vinyl acetate	108-05-4		ND		0.014	0.0029	ND		0.011	0.0025	ND		0.011	0.0024
4-Methyl-2-pentanone	108-10-1		ND		0.014	0.0017	ND		0.011	0.0015	ND		0.011	0.0015
1,2,3-Trichloropropane	96-18-4		ND		0.0027	0.00017	ND		0.0023	0.00014	ND		0.0023	0.00014
2-Hexanone	591-78-6		ND		0.014	0.0016	ND		0.011	0.0014	ND		0.011	0.0013
Bromochloromethane	74-97-5		ND		0.0027	0.00028	ND		0.0023	0.00023	ND		0.0023	0.00023
2,2-Dichloropropane	594-20-7		ND		0.0027	0.00028	ND		0.0023	0.00023	ND		0.0023	0.00023
1,2-Dibromoethane	106-93-4		ND		0.0014	0.00038	ND		0.0011	0.00032	ND		0.0011	0.00032
1,3-Dichloropropane	142-28-9		ND		0.0027	0.00023	ND		0.0023	0.00019	ND		0.0023	0.00019
1,1,1,2-Tetrachloroethane	630-20-6		ND		0.00068	0.00018	ND		0.00057	0.00015	ND		0.00057	0.00015
Bromobenzene	108-86-1		ND		0.0027	0.0002	ND		0.0023	0.00016	ND		0.0023	0.00016
n-Butylbenzene	104-51-8	12	ND		0.0014	0.00023	ND		0.0011	0.00019	ND		0.0011	0.00019
sec-Butylbenzene	135-98-8	11	ND		0.0014	0.0002	ND		0.0011	0.00017	ND		0.0011	0.00017
tert-Butylbenzene	98-06-6	5.9	ND		0.0027	0.00016	ND		0.0023	0.00014	ND		0.0023	0.00013
o-Chlorotoluene	95-49-8		ND		0.0027	0.00026	ND		0.0023	0.00022	ND		0.0023	0.00022
p-Chlorotoluene	106-43-4		ND		0.0027	0.00015	ND		0.0023	0.00012	ND		0.0023	0.00012
1,2-Dibromo-3-chloropropane	96-12-8		ND		0.0041	0.0014	ND		0.0034	0.0011	ND		0.0034	0.0011
Hexachlorobutadiene	87-68-3		ND		0.0055	0.00023	ND		0.0046	0.00019	ND		0.0046	0.00019
Isopropylbenzene	98-82-8		ND		0.0014	0.00015	ND		0.0011	0.00012	ND		0.0011	0.00012
p-Isopropyltoluene	99-87-6		ND		0.0014	0.00015	ND		0.0011	0.00012	ND		0.0011	0.00012
Naphthalene	91-20-3	12	ND		0.0055	0.00089	ND		0.0046	0.00074	ND		0.0046	0.00074
Acrylonitrile	107-13-1		ND		0.0055	0.0016	ND		0.0046	0.0013	ND		0.0046	0.0013
n-Propylbenzene	103-65-1	3.9	ND		0.0014	0.00023	ND		0.0011	0.0002	ND		0.0011	0.0002
1,2,3-Trichlorobenzene	87-61-6		ND		0.0027	0.00044	ND		0.0023	0.00037	ND		0.0023	0.00037
1,2,4-Trichlorobenzene	120-82-1		ND		0.0027	0.00037	ND		0.0023	0.00031	ND		0.0023	0.00031
1,3,5-Trimethylbenzene	108-67-8	8.4	ND		0.0027	0.00026	ND		0.0023	0.00022	ND		0.0023	0.00022
1,2,4-Trimethylbenzene	95-63-6	3.6	ND		0.0027	0.00046	ND		0.0023	0.00038	ND		0.0023	0.00038
1,4-Dioxane	123-91-1	0.1	ND		0.11	0.048	ND		0.092	0.04	ND		0.091	0.04
p-Diethylbenzene	105-05-5		ND		0.0027	0.00024	ND		0.0023	0.0002	ND		0.0023	0.0002
p-Ethyltoluene	622-96-8		ND		0.0027	0.00052	ND		0.0023	0.00044	ND		0.0023	0.00044
1,2,4,5-Tetramethylbenzene	95-93-2		ND		0.0027	0.00026	ND		0.0023	0.00022	ND		0.0023	0.00022
Ethyl ether	60-29-7		ND		0.0027	0.00046	ND		0.0023	0.00039	ND		0.0023	0.00039
trans-1,4-Dichloro-2-butene	110-57-6		ND		0.0068	0.0019	ND		0.0057	0.0016	ND		0.0057	0.0016
Total VOCs			0.00245	-	-	-	0.00227	-	-	-	0.00192	-	-	-
GENERAL CHEMISTRY														
Solids, Total	NONE		97.9		0.1	NA	96.2		0.1	NA	98.5		0.1	NA

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK94601				CK94602				CK94607			
		COLLECTION DATE:	3/22/2022				3/22/2022				3/22/2022			
		SAMPLE ID:	RA-51 (22.5-23)				RA-52 (22-22.5)				RA-50 (22-22.5)			
		SAMPLE MATRIX:	Soil				Soil				Soil			
		NY-UNRES												
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Miscellaneous/Inorganics														
Percent Solid	PHNX - PCTSOLID		97				96				96			
Total Cyanide (SW9010C Distill.)	57-12-5	27	< 0.40	0.4	UN	0.198	< 0.40	0.4	UN	0.2	< 0.43	0.4	U	0.217
Metals, Total														
Aluminum	7429-90-5		3,630	33		6.6	4,620	36		7.1	3,810	31		6.1
Antimony	7440-36-0		< 3.3	3.3	U	3.3	< 3.6	3.6	U	3.6	< 3.1	3.1	U	3.1
Arsenic	7440-38-2	13	< 0.66	0.7	U	0.66	< 0.71	0.7	U	0.71	< 0.61	0.6	U	0.61
Barium	7440-39-3	350	27.4	0.7		0.33	32.6	0.7		0.36	39.4	0.6	*	0.31
Beryllium	7440-41-7	7.2	< 0.26	0.3	U	0.13	0.16	0.3	J	0.14	< 0.25	0.3	U	0.12
Cadmium	7440-43-9	2.5	0.43	0.3		0.33	0.55	0.4		0.36	0.42	0.3		0.31
Calcium	7440-70-2		26,000	33		30	17,100	36		33	27,600	31		28
Chromium	7440-47-3	30	7.52	0.3		0.33	10.8	0.4		0.36	10.1	0.3		0.31
Cobalt	7440-48-4		3.51	0.3		0.33	5.23	0.4		0.36	4.38	0.3		0.31
Copper	7440-50-8	50	11.3	0.7		0.33	12.3	0.7		0.36	9.6	0.6		0.31
Iron	7439-89-6		8,310	3.3		3.3	11,100	36		36	9,600	31		31
Lead	7439-92-1	63	2.1	0.7		0.33	2.8	0.7		0.36	3.1	0.6		0.31
Magnesium	7439-95-4		16,800	33		33	12,500	36		36	14,300	31		31
Manganese	7439-96-5	1,600	115	0.3		0.33	193	3.6		3.6	152	3.1		3.1
Mercury	7439-97-6	0.18	< 0.03	0	U	0.02	< 0.03	0	U	0.02	< 0.03	0	U	0.02
Nickel	7440-02-0	30	5.64	0.3		0.33	7.85	0.4		0.36	6.34	0.3		0.31
Potassium	9/7/7440		1,370	7		2.6	1,480	7		2.8	1,730	6	N	2.4
Selenium	7782-49-2	3.9	< 1.3	1.3	U	1.1	< 1.4	1.4	U	1.2	< 1.2	1.2	U	1
Silver	7440-22-4	2	< 0.33	0.3	U	0.33	< 0.36	0.4	U	0.36	< 0.31	0.3	U	0.31
Sodium	7440-23-5		249	7	*	2.8	312	7	*	3.1	194	6	N	2.6
Thallium	7440-28-0		< 1.3	1.3	U	1.3	< 1.4	1.4	U	1.4	< 1.2	1.2	U	1.2
Vanadium	7440-62-2		11.5	0.3		0.33	15	0.4		0.36	14.2	0.3		0.31
Zinc	7440-66-6	109	14.9	0.7		0.33	24.9	0.7		0.36	17.1	0.6		0.31
PCBs By SW8082A														
PCB-1016	12674-11-2	0.1	< 0.068	0.1	U	0.068	< 0.068	0.1	U	0.068	< 0.069	0.1	U	0.069
PCB-1221	11104-28-2	0.1	< 0.068	0.1	U	0.068	< 0.068	0.1	U	0.068	< 0.069	0.1	U	0.069
PCB-1232	11141-16-5	0.1	< 0.068	0.1	U	0.068	< 0.068	0.1	U	0.068	< 0.069	0.1	U	0.069
PCB-1242	53469-21-9	0.1	< 0.068	0.1	U	0.068	< 0.068	0.1	U	0.068	< 0.069	0.1	U	0.069
PCB-1248	12672-29-6	0.1	< 0.068	0.1	U	0.068	< 0.068	0.1	U	0.068	< 0.069	0.1	U	0.069
PCB-1254	11097-69-1	0.1	< 0.068	0.1	U	0.068	< 0.068	0.1	U	0.068	< 0.069	0.1	U	0.069
PCB-1260	11096-82-5	0.1	< 0.068	0.1	U	0.068	< 0.068	0.1	U	0.068	< 0.069	0.1	U	0.069
PCB-1262	37324-23-5	0.1	< 0.068	0.1	U	0.068	< 0.068	0.1	U	0.068	< 0.069	0.1	U	0.069
PCB-1268	11100-14-4	0.1	< 0.068	0.1	U	0.068	< 0.068	0.1	U	0.068	< 0.069	0.1	U	0.069
Semivolatiles By SW8270D														
1,2,4,5-Tetrachlorobenzene	95-94-3		< 0.24	0.2	U	0.12	< 0.24	0.2	U	0.12	< 0.24	0.2	U	0.12

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK94601				CK94602				CK94607			
		COLLECTION DATE:	3/22/2022				3/22/2022				3/22/2022			
		SAMPLE ID:	RA-51 (22.5-23)				RA-52 (22-22.5)				RA-50 (22-22.5)			
		SAMPLE MATRIX:	Soil				Soil				Soil			
		NY-UNRES												
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Semivolatiles By SW8270D														
1,2,4-Trichlorobenzene	120-82-1		< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.1
1,2-Dichlorobenzene	95-50-1	1.1	< 0.24	0.2	U	0.095	< 0.24	0.2	U	0.097	< 0.24	0.2	U	0.098
1,2-Diphenylhydrazine	122-66-7		< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11
1,3-Dichlorobenzene	541-73-1	2.4	< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.1
1,4-Dichlorobenzene	106-46-7	1.8	< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.1
2,2'-Oxybis(1-Chloropropane)	108-60-1		< 0.24	0.2	U	0.094	< 0.24	0.2	U	0.095	< 0.24	0.2	U	0.096
2,4,5-Trichlorophenol	95-95-4		< 0.24	0.2	U	0.19	< 0.24	0.2	U	0.19	< 0.24	0.2	U	0.19
2,4,6-Trichlorophenol	88-06-2		< 0.17	0.2	U	0.11	< 0.17	0.2	U	0.11	< 0.17	0.2	U	0.11
2,4-Dichlorophenol	120-83-2		< 0.17	0.2	U	0.12	< 0.17	0.2	U	0.12	< 0.17	0.2	U	0.12
2,4-Dimethylphenol	105-67-9		< 0.24	0.2	U	0.084	< 0.24	0.2	U	0.085	< 0.24	0.2	U	0.086
2,4-Dinitrophenol	51-28-5		< 0.24	0.2	U	0.24	< 0.24	0.2	U	0.24	< 0.24	0.2	U	0.24
2,4-Dinitrotoluene	121-14-2		< 0.17	0.2	U	0.13	< 0.17	0.2	U	0.14	< 0.17	0.2	U	0.14
2,6-Dinitrotoluene	606-20-2		< 0.17	0.2	U	0.11	< 0.17	0.2	U	0.11	< 0.17	0.2	U	0.11
2-Chloronaphthalene	91-58-7		< 0.24	0.2	U	0.096	< 0.24	0.2	U	0.098	< 0.24	0.2	U	0.098
2-Chlorophenol	95-57-8		< 0.24	0.2	U	0.096	< 0.24	0.2	U	0.098	< 0.24	0.2	U	0.098
2-Methylnaphthalene	91-57-6		< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.1
2-Methylphenol (o-cresol)	95-48-7	0.33	< 0.24	0.2	U	0.16	< 0.24	0.2	U	0.16	< 0.24	0.2	U	0.16
2-Nitroaniline	88-74-4		< 0.24	0.2	U	0.24	< 0.24	0.2	U	0.24	< 0.24	0.2	U	0.24
2-Nitrophenol	88-75-5		< 0.24	0.2	U	0.21	< 0.24	0.2	U	0.22	< 0.24	0.2	U	0.22
3&4-Methylphenol (m&p-cresol)	HNX - M&P CRESOL		< 0.24	0.2	U	0.13	< 0.24	0.2	U	0.14	< 0.24	0.2	U	0.14
3,3'-Dichlorobenzidine	91-94-1		< 0.17	0.2	U	0.16	< 0.17	0.2	U	0.16	< 0.17	0.2	U	0.16
3-Nitroaniline	99-09-2		< 0.34	0.3	U	0.68	< 0.34	0.3	U	0.69	< 0.35	0.4	U	0.69
4,6-Dinitro-2-methylphenol	534-52-1		< 0.2	0.2	U	0.068	< 0.21	0.2	U	0.069	< 0.21	0.2	U	0.069
4-Bromophenyl phenyl ether	101-55-3		< 0.24	0.2	U	0.099	< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.1
4-Chloro-3-methylphenol	59-50-7		< 0.24	0.2	U	0.12	< 0.24	0.2	U	0.12	< 0.24	0.2	U	0.12
4-Chloroaniline	106-47-8		< 0.27	0.3	U	0.16	< 0.27	0.3	U	0.16	< 0.28	0.3	U	0.16
4-Chlorophenyl phenyl ether	7005-72-3		< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.12	< 0.24	0.2	U	0.12
4-Nitroaniline	100-01-6		< 0.34	0.3	U	0.11	< 0.34	0.3	U	0.11	< 0.35	0.4	U	0.12
4-Nitrophenol	100-02-7		< 0.34	0.3	U	0.15	< 0.34	0.3	U	0.16	< 0.35	0.4	U	0.16
Acenaphthene	83-32-9	20	< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.11
Acenaphthylene	208-96-8	100	< 0.24	0.2	U	0.095	< 0.24	0.2	U	0.096	< 0.24	0.2	U	0.097
Acetophenone	98-86-2		< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11
Aniline	62-53-3		< 0.27	0.3	U	0.27	< 0.27	0.3	U	0.27	< 0.28	0.3	U	0.28
Anthracene	120-12-7	100	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11
Benz(a)anthracene	56-55-3	1	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.12	< 0.24	0.2	U	0.12
Benzidine	92-87-5		< 0.34	0.3	U	0.2	< 0.34	0.3	U	0.2	< 0.35	0.4	U	0.2
Benzo(a)pyrene	50-32-8	1	< 0.17	0.2	U	0.11	< 0.17	0.2	U	0.11	< 0.17	0.2	U	0.11
Benzo(b)fluoranthene	205-99-2	1	< 0.24	0.2	U	0.12	< 0.24	0.2	U	0.12	< 0.24	0.2	U	0.12
Benzo(ghi)perylene	191-24-2	100	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11
Benzo(k)fluoranthene	207-08-9	0.8	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.12

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Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK94601				CK94602				CK94607			
		COLLECTION DATE:	3/22/2022				3/22/2022				3/22/2022			
		SAMPLE ID:	RA-51 (22.5-23)				RA-52 (22-22.5)				RA-50 (22-22.5)			
		SAMPLE MATRIX:	Soil				Soil				Soil			
		NY-UNRES												
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Semivolatiles By SW8270D														
Benzoic acid	65-85-0		< 1.7	1.7	U	0.68	< 1.7	1.7	U	0.69	< 1.7	1.7	U	0.69
Benzyl butyl phthalate	85-68-7		< 0.24	0.2	U	0.087	< 0.24	0.2	U	0.089	< 0.24	0.2	U	0.089
Bis(2-chloroethoxy)methane	111-91-1		< 0.24	0.2	U	0.093	< 0.24	0.2	U	0.095	< 0.24	0.2	U	0.096
Bis(2-chloroethyl)ether	111-44-4		< 0.17	0.2	U	0.091	< 0.17	0.2	U	0.093	< 0.17	0.2	U	0.094
Bis(2-ethylhexyl)phthalate	117-81-7		< 0.24	0.2	U	0.097	< 0.24	0.2	U	0.099	< 0.24	0.2	U	0.1
Carbazole	86-74-8		< 0.17	0.2	U	0.14	< 0.17	0.2	U	0.14	< 0.17	0.2	U	0.14
Chrysene	218-01-9	1	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.12	< 0.24	0.2	U	0.12
Dibenz(a,h)anthracene	53-70-3	0.33	< 0.17	0.2	U	0.11	< 0.17	0.2	U	0.11	< 0.17	0.2	U	0.11
Dibenzofuran	132-64-9	7	< 0.24	0.2	U	0.099	< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.1
Diethyl phthalate	84-66-2		< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11
Dimethylphthalate	131-11-3		< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11
Di-n-butylphthalate	84-74-2		< 0.24	0.2	U	0.09	< 0.24	0.2	U	0.091	< 0.24	0.2	U	0.092
Di-n-octylphthalate	117-84-0		< 0.24	0.2	U	0.087	< 0.24	0.2	U	0.089	< 0.24	0.2	U	0.089
Fluoranthene	206-44-0	100	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11
Fluorene	86-73-7	30	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11
Hexachlorobenzene	118-74-1	0.33	< 0.17	0.2	U	0.099	< 0.17	0.2	U	0.1	< 0.17	0.2	U	0.1
Hexachlorobutadiene	87-68-3		< 0.24	0.2	U	0.12	< 0.24	0.2	U	0.12	< 0.24	0.2	U	0.13
Hexachlorocyclopentadiene	77-47-4		< 0.24	0.2	U	0.1	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11
Hexachloroethane	67-72-1		< 0.17	0.2	U	0.1	< 0.17	0.2	U	0.1	< 0.17	0.2	U	0.1
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.12
Isophorone	78-59-1		< 0.17	0.2	U	0.095	< 0.17	0.2	U	0.096	< 0.17	0.2	U	0.097
Naphthalene	91-20-3	12	< 0.24	0.2	U	0.097	< 0.24	0.2	U	0.099	< 0.24	0.2	U	0.1
Nitrobenzene	98-95-3		< 0.17	0.2	U	0.12	< 0.17	0.2	U	0.12	< 0.17	0.2	U	0.12
N-Nitrosodimethylamine	62-75-9		< 0.24	0.2	U	0.095	< 0.24	0.2	U	0.097	< 0.24	0.2	U	0.098
N-Nitrosodi-n-propylamine	621-64-7		< 0.17	0.2	U	0.11	< 0.17	0.2	U	0.11	< 0.17	0.2	U	0.11
N-Nitrosodiphenylamine	86-30-6		< 0.24	0.2	U	0.13	< 0.24	0.2	U	0.13	< 0.24	0.2	U	0.13
Pentachloronitrobenzene	82-68-8		< 0.24	0.2	U	0.13	< 0.24	0.2	U	0.13	< 0.24	0.2	U	0.13
Pentachlorophenol	87-86-5	0.8	< 0.2	0.2	U	0.13	< 0.21	0.2	U	0.13	< 0.21	0.2	U	0.13
Phenanthrene	85-01-8	100	< 0.24	0.2	U	0.097	< 0.24	0.2	U	0.098	< 0.24	0.2	U	0.099
Phenol	108-95-2	0.33	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11	< 0.24	0.2	U	0.11
Pyrene	129-00-0	100	< 0.24	0.2	U	0.12	< 0.24	0.2	U	0.12	< 0.24	0.2	U	0.12
Pyridine	110-86-1		< 0.24	0.2	U	0.083	< 0.24	0.2	U	0.084	< 0.24	0.2	U	0.085

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

		LAB ID:	CK94601				CK94602				CK94607			
		COLLECTION DATE:	3/22/2022				3/22/2022				3/22/2022			
		SAMPLE ID:	RA-51 (22.5-23)				RA-52 (22-22.5)				RA-50 (22-22.5)			
		SAMPLE MATRIX:	Soil				Soil				Soil			
		NY-UNRES												
	CAS	(mg/kg)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Pesticides - Soil By SW8081B														
4,4' -DDD	72-54-8	0.0033	< 0.002	0	U	0.002	< 0.002	0	U	0.002	< 0.0021	0	U	0.0021
4,4' -DDE	72-55-9	0.0033	< 0.002	0	U	0.002	< 0.002	0	U	0.002	< 0.0021	0	U	0.0021
4,4' -DDT	50-29-3	0.0033	< 0.002	0	U	0.002	< 0.002	0	U	0.002	< 0.0021	0	U	0.0021
a-BHC	319-84-6	0.02	< 0.0068	0	U	0.0068	< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069
a-Chlordane	5103-71-9	0.094	< 0.0034	0	U	0.0034	< 0.0034	0	U	0.0034	< 0.0034	0	U	0.0034
Alachlor	15972-60-8		< 0.0034	0	U	0.0034	< 0.0034	0	U	0.0034				
Aldrin	309-00-2	0.005	< 0.0034	0	U	0.0034	< 0.0034	0	U	0.0034	< 0.0034	0	U	0.0034
b-BHC	319-85-7	0.036	< 0.0068	0	U	0.0068	< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069
Chlordane	57-74-9		< 0.034	0	U	0.034	< 0.034	0	U	0.034	< 0.034	0	U	0.034
d-BHC	319-86-8	0.04	< 0.0068	0	U	0.0068	< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069
Dieldrin	60-57-1	0.005	< 0.0034	0	U	0.0034	< 0.0034	0	U	0.0034	< 0.0034	0	U	0.0034
Endosulfan I	959-98-8	2.4	< 0.0068	0	U	0.0068	< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069
Endosulfan II	33213-65-9	2.4	< 0.0068	0	U	0.0068	< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069
Endosulfan sulfate	1031-07-8	2.4	< 0.0068	0	U	0.0068	< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069
Endrin	72-20-8	0.014	< 0.0068	0	U	0.0068	< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069
Endrin aldehyde	7421-93-4		< 0.0068	0	U	0.0068	< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069
Endrin ketone	53494-70-5		< 0.0068	0	U	0.0068	< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069
g-BHC	58-89-9	0.1	< 0.0014	0	U	0.0014	< 0.0014	0	U	0.0014	< 0.0014	0	U	0.0014
g-Chlordane	5103-74-2		< 0.0034	0	U	0.0034	< 0.0034	0	U	0.0034	< 0.0034	0	U	0.0034
Heptachlor	76-44-8	0.042	< 0.0068	0	U	0.0068	< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069
Heptachlor epoxide	1024-57-3		< 0.0068	0	U	0.0068	< 0.0068	0	U	0.0068	< 0.0069	0	U	0.0069
Methoxychlor	72-43-5		< 0.034	0	U	0.034	< 0.034	0	U	0.034	< 0.034	0	U	0.034
Toxaphene	8001-35-2		< 0.14	0.1	U	0.14	< 0.14	0.1	U	0.14	< 0.14	0.1	U	0.14

Qualifiers:

U - Indicates compound analyzed for but not detected
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives
RL Exceeds NY-UNRES

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			LAB ID:	2070546-01				2070546-04				2070546-05			
			SAMPLE ID:	RA-35 (22-2.5)				RA-36 (22.5-23)				RA-46 (23-23.5)			
			COLLECTION DATE:	07/12/2022 10:55				07/12/2022 14:15				07/12/2022 15:45			
			SAMPLE MATRIX:	Soil				Soil				Soil			
Compound	**CAS#**	**Type**													
	General Chemistry (%)			Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO
Percent Solids	PERSOL	TRG		**96.6**				**94.6**				**77.8**			
	General Chemistry (mg/kg)			Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO
Cyanide	57-12-5	TRG	27	0.259	U		0.259	0.264	U		0.264	0.322	U		0.322
	PCBs (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
Aroclor-1016	12674-11-2	TRG		0.00458	U	0.00458	0.0342	0.00468	U	0.00468	0.0349	0.00569	U	0.00569	0.0424
Aroclor-1221	11104-28-2	TRG		0.00901	U	0.00901	0.0342	0.0092	U	0.0092	0.0349	0.0112	U	0.0112	0.0424
Aroclor-1232	11141-16-5	TRG		0.0115	U	0.0115	0.0342	0.0117	U	0.0117	0.0349	0.0142	U	0.0142	0.0424
Aroclor-1242	53469-21-9	TRG		0.00671	U	0.00671	0.0342	0.00686	U	0.00686	0.0349	0.00834	U	0.00834	0.0424
Aroclor-1248	12672-29-6	TRG		0.00702	U	0.00702	0.0342	0.00717	U	0.00717	0.0349	0.00872	U	0.00872	0.0424
Aroclor-1254	11097-69-1	TRG		0.00551	U	0.00551	0.0342	0.00563	U	0.00563	0.0349	0.00685	U	0.00685	0.0424
Aroclor-1260	11096-82-5	TRG		0.00428	U	0.00428	0.0342	0.00437	U	0.00437	0.0349	0.00531	U	0.00531	0.0424
Aroclor-1262	37324-23-5	TRG		0.00919	U	0.00919	0.0342	0.00939	U	0.00939	0.0349	0.0114	U	0.0114	0.0424
Aroclor-1268	11100-14-4	TRG		0.00413	U	0.00413	0.0342	0.00422	U	0.00422	0.0349	0.00513	U	0.00513	0.0424
Total PCBs	1336-36-3	TRG	0.1	0.00319	U	0.00319	0.0342	0.00326	U	0.00326	0.0349	0.00396	U	0.00396	0.0424
	Pesticides (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	72-54-8	TRG	0.0033	0.000616	U	0.000616	0.00135	0.000629	U	0.000629	0.00137	0.000765	U	0.000765	0.00167
4,4'-DDE	72-55-9	TRG	0.0033	0.000736	U	0.000736	0.00135	0.000752	U	0.000752	0.00137	0.000914	U	0.000914	0.00167
4,4'-DDT	50-29-3	TRG	0.0033	0.00095	U	0.00095	0.00135	0.00097	U	0.00097	0.00137	0.00118	U	0.00118	0.00167
Aldrin	309-00-2	TRG	0.005	0.000638	U	0.000638	0.00135	0.000651	U	0.000651	0.00137	0.000792	U	0.000792	0.00167
alpha-BHC	319-84-6	TRG	0.02	0.000401	U	0.000401	0.00135	0.000409	U	0.000409	0.00137	0.000498	U	0.000498	0.00167
beta-BHC	319-85-7	TRG	0.036	0.000643	U	0.000643	0.00135	0.000656	U	0.000656	0.00137	0.000799	U	0.000799	0.00167
Chlordane	57-74-9	TRG		0.000598	U	0.000598	0.00135	0.000611	U	0.000611	0.00137	0.000743	U	0.000743	0.00167
delta-BHC	319-86-8	TRG	0.04	0.000625	U	0.000625	0.00135	0.000639	U	0.000639	0.00137	0.000777	U	0.000777	0.00167
Dieldrin	60-57-1	TRG	0.005	0.000704	U	0.000704	0.00135	0.000719	U	0.000719	0.00137	0.000875	U	0.000875	0.00167
Endosulfan I	959-98-8	TRG	2.4	0.000636	U	0.000636	0.00135	0.000649	U	0.000649	0.00137	0.00079	U	0.00079	0.00167
Endosulfan II	33213-65-9	TRG	2.4	0.000612	U	0.000612	0.00135	0.000625	U	0.000625	0.00137	0.00076	U	0.00076	0.00167
Endosulfan sulfate	1031-07-8	TRG	2.4	0.000506	U	0.000506	0.00135	0.000517	U	0.000517	0.00137	0.000629	U	0.000629	0.00167
Endosulfans, Total (alpha and beta)	115-29-7	TRG		0.000612	U	0.000612	0.00135	0.000625	U	0.000625	0.00137	0.00076	U	0.00076	0.00167
Endrin	72-20-8	TRG	0.014	0.000465	U	0.000465	0.00135	0.000475	U	0.000475	0.00137	0.000577	U	0.000577	0.00167
Endrin aldehyde	7421-93-4	TRG		0.000536	U	0.000536	0.00135	0.000548	U	0.000548	0.00137	0.000666	U	0.000666	0.00167
Endrin ketone	53494-70-5	TRG		0.000474	U	0.000474	0.00135	0.000484	U	0.000484	0.00137	0.000589	U	0.000589	0.00167
gamma-BHC (Lindane)	58-89-9	TRG	0.1	0.000427	U	0.000427	0.00135	0.000436	U	0.000436	0.00137	0.00053	U	0.00053	0.00167
Heptachlor	76-44-8	TRG	0.042	0.00036	U	0.00036	0.00135	0.000368	U	0.000368	0.00137	0.000448	U	0.000448	0.00167
Heptachlor Epoxide	1024-57-3	TRG		0.000679	U	0.000679	0.00135	0.000693	U	0.000693	0.00137	0.000844	U	0.000844	0.00167
Methoxychlor	72-43-5	TRG		0.000394	U	0.000394	0.00135	0.000403	U	0.000403	0.00137	0.00049	U	0.00049	0.00167
Toxaphene	8001-35-2	TRG		0.0648	U	0.0648	0.0683	0.0662	U	0.0662	0.0698	0.0805	U	0.0805	0.0849

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			LAB ID:	2070546-01				2070546-04				2070546-05			
			SAMPLE ID:	RA-35 (22-2.5)				RA-36 (22.5-23)				RA-46 (23-23.5)			
			COLLECTION DATE:	07/12/2022 10:55				07/12/2022 14:15				07/12/2022 15:45			
			SAMPLE MATRIX:	Soil				Soil				Soil			
Compound	**CAS#**	**Type**													
	Semivolatile Organics - GC/MS (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
1,4-Dioxane	123-91-1	TRG	0.1	0.00389	U	0.00389	0.0345	0.00397	U	0.00397	0.0352	0.00484	U	0.00484	0.0428
2,3,4,6-Tetrachlorophenol	58-90-2	TRG		0.0212	U	0.0212	0.138	0.0217	U	0.0217	0.141	0.0264	U	0.0264	0.171
2,4,5-Trichlorophenol	95-95-4	TRG		0.0187	U	0.0187	0.138	0.0191	U	0.0191	0.141	0.0233	U	0.0233	0.171
2,4,6-Trichlorophenol	88-06-2	TRG		0.00862	U	0.00862	0.138	0.00881	U	0.00881	0.141	0.0107	U	0.0107	0.171
2,4-Dichlorophenol	120-83-2	TRG		0.0139	U	0.0139	0.138	0.0142	U	0.0142	0.141	0.0172	U	0.0172	0.171
2,4-Dimethylphenol	105-67-9	TRG		0.0136	U	0.0136	0.138	0.0138	U	0.0138	0.141	0.0168	U	0.0168	0.171
2,4-Dinitrophenol	51-28-5	TRG		0.0199	U	0.0199	0.691	0.0203	U	0.0203	0.705	0.0247	U	0.0247	0.858
2,4-Dinitrotoluene	121-14-2	TRG		0.0147	U	0.0147	0.138	0.015	U	0.015	0.141	0.0183	U	0.0183	0.171
2,6-Dinitrotoluene	606-20-2	TRG		0.0329	U	0.0329	0.138	0.0336	U	0.0336	0.141	0.0409	U	0.0409	0.171
2-Chloronaphthalene	91-58-7	TRG		0.0158	U	0.0158	0.138	0.0162	U	0.0162	0.141	0.0197	U	0.0197	0.171
2-Chlorophenol	95-57-8	TRG		0.0182	U	0.0182	0.138	0.0186	U	0.0186	0.141	0.0226	U	0.0226	0.171
2-Methylnaphthalene	91-57-6	TRG		0.033	U	0.033	0.207	0.0337	U	0.0337	0.211	0.041	U	0.041	0.257
2-Methylphenol	95-48-7	TRG	0.33	0.0272	U	0.0272	0.138	0.0278	U	0.0278	0.141	0.0338	U	0.0338	0.171
2-Nitroaniline	88-74-4	TRG		0.0111	U	0.0111	0.138	0.0113	U	0.0113	0.141	0.0138	U	0.0138	0.171
2-Nitrophenol	88-75-5	TRG		0.0153	U	0.0153	0.138	0.0156	U	0.0156	0.141	0.019	U	0.019	0.171
3,3'-Dichlorobenzidine	91-94-1	TRG		0.0145	U	0.0145	0.138	0.0148	U	0.0148	0.141	0.018	U	0.018	0.171
3+4-Methylphenol	65794-96-9	TRG	0.33	0.0253	U	0.0253	0.138	0.0258	U	0.0258	0.141	0.0314	U	0.0314	0.171
3-Nitroaniline	99-09-2	TRG		0.0256	U	0.0256	0.138	0.0261	U	0.0261	0.141	0.0318	U	0.0318	0.171
4,6-Dinitro-2-methylphenol	534-52-1	TRG		0.026	U	0.026	0.345	0.0265	U	0.0265	0.352	0.0323	U	0.0323	0.428
4-Bromophenyl-phenyl ether	101-55-3	TRG		0.0197	U	0.0197	0.138	0.0201	U	0.0201	0.141	0.0244	U	0.0244	0.171
4-Chloro-3-methylphenol	59-50-7	TRG		0.0217	U	0.0217	0.138	0.0222	U	0.0222	0.141	0.027	U	0.027	0.171
4-Chloroaniline	106-47-8	TRG		0.00482	U	0.00482	0.138	0.00493	U	0.00493	0.141	0.00599	U	0.00599	0.171
4-Chlorophenyl phenyl ether	7005-72-3	TRG		0.00744	U	0.00744	0.138	0.0076	U	0.0076	0.141	0.00925	U	0.00925	0.171
4-Nitroaniline	100-01-6	TRG		0.069	U	0.069	0.138	0.0704	U	0.0704	0.141	0.0857	U	0.0857	0.171
4-Nitrophenol	100-02-7	TRG		0.00882	U	0.00882	0.138	0.00901	U	0.00901	0.141	0.011	U	0.011	0.171
Acenaphthene	83-32-9	TRG	20	0.00786	U	0.00786	0.138	0.00802	U	0.00802	0.141	0.00976	U	0.00976	0.171
Acenaphthylene	208-96-8	TRG	100	0.00479	U	0.00479	0.138	0.00489	U	0.00489	0.141	0.00595	U	0.00595	0.171
Acetophenone	98-86-2	TRG		0.0137	U	0.0137	0.138	0.014	U	0.014	0.141	0.017	U	0.017	0.171
Anthracene	120-12-7	TRG	100	0.02	U	0.02	0.138	0.0204	U	0.0204	0.141	0.0248	U	0.0248	0.171
Atrazine	1912-24-9	TRG		0.0129	U	0.0129	0.138	0.0132	U	0.0132	0.141	0.0161	U	0.0161	0.171
Benzaldehyde	100-52-7	TRG		0.0423	U	0.0423	0.138	0.0432	U	0.0432	0.141	0.0526	U	0.0526	0.171
Benzo(a)anthracene	56-55-3	TRG	1	0.0139	U	0.0139	0.138	0.0142	U	0.0142	0.141	**0.0431**	J	0.0172	0.171
Benzo(a)pyrene	50-32-8	TRG	1	0.024	U	0.024	0.138	0.0245	U	0.0245	0.141	**0.0509**	J	0.0298	0.171
Benzo(b)fluoranthene	205-99-2	TRG	1	0.0194	U	0.0194	0.138	0.0198	U	0.0198	0.141	**0.0612**	J	0.024	0.171
Benzo(g,h,i)perylene	191-24-2	TRG	100	0.0112	U	0.0112	0.138	0.0114	U	0.0114	0.141	**0.0451**	J	0.0139	0.171

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			LAB ID:	2070546-01				2070546-04				2070546-05			
			SAMPLE ID:	RA-35 (22-2.5)				RA-36 (22.5-23)				RA-46 (23-23.5)			
			COLLECTION DATE:	07/12/2022 10:55				07/12/2022 14:15				07/12/2022 15:45			
			SAMPLE MATRIX:	Soil				Soil				Soil			
Compound	**CAS#**	**Type**													
	Semivolatile Organics - GC/MS (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
Benzo(k)fluoranthene	207-08-9	TRG	0.8	0.0158	U	0.0158	0.138	0.0162	U	0.0162	0.141	**0.0309**	J	0.0197	0.171
Biphenyl	92-52-4	TRG		0.0121	U	0.0121	0.138	0.0124	U	0.0124	0.141	0.015	U	0.015	0.171
bis(2-chloroethoxy)methane	111-91-1	TRG		0.019	U	0.019	0.138	0.0195	U	0.0195	0.141	0.0237	U	0.0237	0.171
bis(2-chloroethyl)ether	111-44-4	TRG		0.0151	U	0.0151	0.138	0.0154	U	0.0154	0.141	0.0188	U	0.0188	0.171
bis(2-chloroisopropyl)ether	108-60-1	TRG		0.0496	U	0.0496	0.138	0.0506	U	0.0506	0.141	0.0616	U	0.0616	0.171
bis(2-ethylhexyl)phthalate	117-81-7	TRG		0.0275	U	0.0275	0.138	0.0281	U	0.0281	0.141	0.0342	U	0.0342	0.171
Butylbenzylphthalate	85-68-7	TRG		0.0125	U	0.0125	0.138	0.0128	U	0.0128	0.141	0.0156	U	0.0156	0.171
Caprolactam	105-60-2	TRG		0.0178	U	0.0178	0.138	0.0182	U	0.0182	0.141	0.0221	U	0.0221	0.171
Carbazole	86-74-8	TRG		0.0265	U	0.0265	0.345	0.0271	U	0.0271	0.352	0.0329	U	0.0329	0.428
Chrysene	218-01-9	TRG	1	0.00944	U	0.00944	0.138	0.00964	U	0.00964	0.141	**0.0464**	J	0.0117	0.171
Dibenzo(a,h)anthracene	53-70-3	TRG	0.33	0.0137	U	0.0137	0.138	0.014	U	0.014	0.141	0.017	U	0.017	0.171
Dibenzofuran	132-64-9	TRG	7	0.00821	U	0.00821	0.138	0.00838	U	0.00838	0.141	0.0102	U	0.0102	0.171
Diethylphthalate	84-66-2	TRG		0.0267	U	0.0267	0.138	0.0273	U	0.0273	0.141	0.0332	U	0.0332	0.171
Dimethylphthalate	131-11-3	TRG		0.00855	U	0.00855	0.138	0.00873	U	0.00873	0.141	0.0106	U	0.0106	0.171
Di-n-butylphthalate	84-74-2	TRG		0.0563	U	0.0563	0.138	0.0575	U	0.0575	0.141	0.07	U	0.07	0.171
Di-n-octylphthalate	117-84-0	TRG		0.0283	U	0.0283	0.138	0.0289	U	0.0289	0.141	0.0351	U	0.0351	0.171
Fluoranthene	206-44-0	TRG	100	0.0129	U	0.0129	0.138	**0.0313**	J	0.0132	0.141	**0.0645**	J	0.0161	0.171
Fluorene	86-73-7	TRG	30	0.0115	U	0.0115	0.138	0.0117	U	0.0117	0.141	0.0143	U	0.0143	0.171
Hexachlorobenzene	118-74-1	TRG	0.33	0.018	U	0.018	0.138	0.0184	U	0.0184	0.141	0.0224	U	0.0224	0.171
Hexachlorobutadiene	87-68-3	TRG		0.0662	U	0.0662	0.138	0.0676	U	0.0676	0.141	0.0822	U	0.0822	0.171
Hexachlorocyclopentadiene	77-47-4	TRG		0.0575	U	0.0575	0.345	0.0587	U	0.0587	0.352	0.0714	U	0.0714	0.428
Hexachloroethane	67-72-1	TRG		0.0151	U	0.0151	0.138	0.0154	U	0.0154	0.141	0.0188	U	0.0188	0.171
Indeno(1,2,3-cd)pyrene	193-39-5	TRG	0.5	0.0148	U	0.0148	0.138	0.0151	U	0.0151	0.141	**0.0397**	J	0.0184	0.171
Isophorone	78-59-1	TRG		0.00903	U	0.00903	0.138	0.00922	U	0.00922	0.141	0.0112	U	0.0112	0.171
Naphthalene	91-20-3	TRG	12	0.0102	U	0.0102	0.138	0.0104	U	0.0104	0.141	0.0127	U	0.0127	0.171
Nitrobenzene	98-95-3	TRG		0.0234	U	0.0234	0.138	0.0239	U	0.0239	0.141	0.0291	U	0.0291	0.171
n-Nitroso-di-n-propylamine	621-64-7	TRG		0.00738	U	0.00738	0.138	0.00754	U	0.00754	0.141	0.00917	U	0.00917	0.171
n-Nitrosodiphenylamine	86-30-6	TRG		0.0294	U	0.0294	0.138	0.03	U	0.03	0.141	0.0365	U	0.0365	0.171
Pentachlorophenol	87-86-5	TRG	0.8	0.0189	U	0.0189	0.345	0.0193	U	0.0193	0.352	0.0235	U	0.0235	0.428
Phenanthrene	85-01-8	TRG	100	0.0181	U	0.0181	0.138	0.0185	U	0.0185	0.141	0.0225	U	0.0225	0.171
Phenol	108-95-2	TRG	0.33	0.0112	U	0.0112	0.138	0.0114	U	0.0114	0.141	0.0139	U	0.0139	0.171
Pyrene	129-00-0	TRG	100	0.0101	U	0.0101	0.138	**0.0254**	J	0.0103	0.141	**0.0579**	J	0.0126	0.171

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			LAB ID:	2070546-01				2070546-04				2070546-05			
			SAMPLE ID:	RA-35 (22-2.5)				RA-36 (22.5-23)				RA-46 (23-23.5)			
			COLLECTION DATE:	07/12/2022 10:55				07/12/2022 14:15				07/12/2022 15:45			
			SAMPLE MATRIX:	Soil				Soil				Soil			
Compound	**CAS#**	**Type**													
	Total Metals (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
Aluminum	7429-90-5	TRG		**4220**			2.59	**2800**			2.64	**7260**			3.22
Antimony	7440-36-0	TRG		1.29	U		1.29	1.32	U		1.32	1.61	U		1.61
Arsenic	7440-38-2	TRG	13	1.29	U		1.29	1.32	U		1.32	1.61	U		1.61
Barium	7440-39-3	TRG	350	**20.6**			0.518	**19.1**			0.529	**32.2**			0.643
Beryllium	7440-41-7	TRG	7.2	**0.143**			0.0259	**0.093**			0.0264	**0.221**			0.0322
Cadmium	7440-43-9	TRG	2.5	0.259	U		0.259	0.264	U		0.264	0.322	U		0.322
Calcium	7440-70-2	TRG		**724**			25.9	**4700**			26.4	**5850**			32.2
Chromium	7440-47-3	TRG		**5.67**			0.259	**8.67**			0.264	**13.8**			0.322
Cobalt	7440-48-4	TRG		**6.39**			0.207	**3.59**			0.211	**5.5**			0.257
Copper	7440-50-8	TRG	50	**8.26**			0.259	**10.4**			0.264	**12.7**			0.322
Iron	7439-89-6	TRG		**7950**			5.18	**9570**			5.29	**15200**			6.43
Lead	7439-92-1	TRG	63	**1.93**			1.29	**1.61**			1.32	**3.41**			1.61
Magnesium	7439-95-4	TRG		**1700**			51.8	**3360**			52.9	**5520**			64.3
Manganese	7439-96-5	TRG	1600	**443**			0.259	**98.3**			0.264	**258**			0.322
Mercury	7439-97-6	TRG	0.18	0.0207	U		0.0207	0.0211	U		0.0211	0.0257	U		0.0257
Nickel	7440-02-0	TRG	30	**7.2**			0.129	**6.82**			0.132	**11.1**			0.161
Potassium	7440-09-7	TRG		**896**			104	**682**			106	**1430**			129
Selenium	7782-49-2	TRG	3.9	1.29	U		1.29	1.32	U		1.32	1.61	U		1.61
Silver	7440-22-4	TRG	2	0.155	U		0.155	0.159	U		0.159	0.193	U		0.193
Sodium	7440-23-5	TRG		**113**			51.8	**167**			52.9	**135**			64.3
Thallium	7440-28-0	TRG		1.29	U		1.29	1.32	U		1.32	1.61	U		1.61
Vanadium	7440-62-2	TRG		**9.08**			0.518	**13.6**			0.529	**20**			0.643
Zinc	7440-66-6	TRG	109	**14.8**			0.776	**11.7**			0.793	**24.3**			0.965
	Volatile Organics - GC/MS (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
1,1,1-Trichloroethane	71-55-6	TRG	0.68	0.000352	U	0.000352	0.00241	0.000322	U	0.000322	0.0022	0.000348	U	0.000348	0.00238
1,1,2,2-Tetrachloroethane	79-34-5	TRG		0.000332	U	0.000332	0.00241	0.000304	U	0.000304	0.0022	0.000329	U	0.000329	0.00238
1,1,2-Trichloro-1,2,2 Trifluoroethane	76-13-1	TRG		0.00103	U	0.00103	0.00241	0.000943	U	0.000943	0.0022	0.00102	U	0.00102	0.00238
1,1,2-Trichloroethane	79-00-5	TRG		0.000406	U	0.000406	0.00241	0.000371	U	0.000371	0.0022	0.000401	U	0.000401	0.00238
1,1-Dichloroethane	75-34-3	TRG	0.27	0.000352	U	0.000352	0.00241	0.000322	U	0.000322	0.0022	0.000348	U	0.000348	0.00238
1,1-Dichloroethene	75-35-4	TRG	0.33	0.000445	U	0.000445	0.00241	0.000407	U	0.000407	0.0022	0.000441	U	0.000441	0.00238
1,2,3-Trichlorobenzene	87-61-6	TRG		0.00052	U	0.00052	0.00241	0.000476	U	0.000476	0.0022	0.000514	U	0.000514	0.00238
1,2,4-Trichlorobenzene	120-82-1	TRG		0.000642	U	0.000642	0.00241	0.000587	U	0.000587	0.0022	0.000635	U	0.000635	0.00238
1,2,4-Trimethylbenzene	95-63-6	TRG	3.6	0.000332	U	0.000332	0.00241	0.000304	U	0.000304	0.0022	0.000329	U	0.000329	0.00238
1,2-Dibromo-3-chloropropane	96-12-8	TRG		0.000587	U	0.000587	0.00602	0.000537	U	0.000537	0.00551	0.000581	U	0.000581	0.00595
1,2-Dibromoethane	106-93-4	TRG		0.000303	U	0.000303	0.00241	0.000277	U	0.000277	0.0022	0.0003	U	0.0003	0.00238
1,2-Dichlorobenzene	95-50-1	TRG	1.1	0.000425	U	0.000425	0.00241	0.000389	U	0.000389	0.0022	0.00042	U	0.00042	0.00238
1,2-Dichloroethane	107-06-2	TRG	0.02	0.000339	U	0.000339	0.00241	0.000311	U	0.000311	0.0022	0.000336	U	0.000336	0.00238
1,2-Dichloropropane	78-87-5	TRG		0.000395	U	0.000395	0.00241	0.000361	U	0.000361	0.0022	0.000391	U	0.000391	0.00238

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			LAB ID:	2070546-01				2070546-04				2070546-05			
			SAMPLE ID:	RA-35 (22-2.5)				RA-36 (22.5-23)				RA-46 (23-23.5)			
			COLLECTION DATE:	07/12/2022 10:55				07/12/2022 14:15				07/12/2022 15:45			
			SAMPLE MATRIX:	Soil				Soil				Soil			
Compound	**CAS#**	**Type**													
Volatile Organics - GC/MS (mg/kg)				Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
1,3-Dichlorobenzene	541-73-1	TRG	2.4	0.000177	U	0.000177	0.00241	0.000162	U	0.000162	0.0022	0.000175	U	0.000175	0.00238
1,4-Dichlorobenzene	106-46-7	TRG	1.8	0.000347	U	0.000347	0.00241	0.000317	U	0.000317	0.0022	0.000343	U	0.000343	0.00238
2-Butanone	78-93-3	TRG	0.12	0.000392	U	0.000392	0.012	0.000359	U	0.000359	0.011	0.000388	U	0.000388	0.0119
2-Hexanone	591-78-6	TRG		0.000225	U	0.000225	0.00241	0.000206	U	0.000206	0.0022	0.000223	U	0.000223	0.00238
4-Methyl-2-pentanone	108-10-1	TRG		0.000301	U	0.000301	0.00241	0.000275	U	0.000275	0.0022	0.000298	U	0.000298	0.00238
Acetone	67-64-1	TRG	0.05	0.00073	U	0.00073	0.00602	0.000667	U	0.000667	0.00551	0.000722	U	0.000722	0.00595
Benzene	71-43-2	TRG	0.06	0.000219	U	0.000219	0.00241	0.0002	U	0.0002	0.0022	0.000217	U	0.000217	0.00238
Bromochloromethane	74-97-5	TRG		0.000444	U	0.000444	0.00241	0.000406	U	0.000406	0.0022	0.000439	U	0.000439	0.00238
Bromodichloromethane	75-27-4	TRG		0.000302	U	0.000302	0.00241	0.000276	U	0.000276	0.0022	0.000299	U	0.000299	0.00238
Bromoform	75-25-2	TRG		0.000423	U	0.000423	0.00241	0.000387	U	0.000387	0.0022	0.000418	U	0.000418	0.00238
Bromomethane	74-83-9	TRG		0.000695	U	0.000695	0.00241	0.000635	U	0.000635	0.0022	0.000687	U	0.000687	0.00238
Carbon disulfide	75-15-0	TRG		0.000346	U	0.000346	0.00241	0.000316	U	0.000316	0.0022	0.000342	U	0.000342	0.00238
Carbon Tetrachloride	56-23-5	TRG	0.76	0.000362	U	0.000362	0.00241	0.000331	U	0.000331	0.0022	0.000358	U	0.000358	0.00238
Chlorobenzene	108-90-7	TRG	1.1	0.000349	U	0.000349	0.00241	0.000319	U	0.000319	0.0022	0.000345	U	0.000345	0.00238
Chlorodibromomethane	124-48-1	TRG		0.000296	U	0.000296	0.00241	0.000271	U	0.000271	0.0022	0.000293	U	0.000293	0.00238
Chloroethane	75-00-3	TRG		0.000411	U	0.000411	0.00241	0.000376	U	0.000376	0.0022	0.000406	U	0.000406	0.00238
Chloroform	67-66-3	TRG	0.37	0.000404	U	0.000404	0.00241	0.00037	U	0.00037	0.0022	0.0004	U	0.0004	0.00238
Chloromethane	74-87-3	TRG		0.000927	U	0.000927	0.00241	0.000848	U	0.000848	0.0022	0.000917	U	0.000917	0.00238
cis-1,2-Dichloroethene	156-59-2	TRG	0.25	0.000116	U	0.000116	0.00241	0.000106	U	0.000106	0.0022	0.000115	U	0.000115	0.00238
cis-1,3-Dichloropropene	10061-01-5	TRG		0.000305	U	0.000305	0.00241	0.000279	U	0.000279	0.0022	0.000301	U	0.000301	0.00238
Cyclohexane	110-82-7	TRG		0.000533	U	0.000533	0.00241	0.000488	U	0.000488	0.0022	0.000528	U	0.000528	0.00238
Dichlorodifluoromethane	75-71-8	TRG		0.000813	U	0.000813	0.00241	0.000743	U	0.000743	0.0022	0.000804	U	0.000804	0.00238
EthylBenzene	100-41-4	TRG	1	0.000326	U	0.000326	0.00241	0.000298	U	0.000298	0.0022	0.000323	U	0.000323	0.00238
Isopropylbenzene	98-82-8	TRG		0.000378	U	0.000378	0.00241	0.000346	U	0.000346	0.0022	0.000374	U	0.000374	0.00238
m+p-Xylenes	179601-23-1	TRG		0.000608	U	0.000608	0.00482	0.000556	U	0.000556	0.0044	0.000601	U	0.000601	0.00476
Methyl Acetate	79-20-9	TRG		0.000319	U	0.000319	0.00241	0.000292	U	0.000292	0.0022	0.000316	U	0.000316	0.00238
Methyl tert-Butyl Ether	1634-04-4	TRG	0.93	0.000407	U	0.000407	0.00241	0.000372	U	0.000372	0.0022	0.000402	U	0.000402	0.00238
Methylcyclohexane	108-87-2	TRG		0.000388	U	0.000388	0.00241	0.000355	U	0.000355	0.0022	0.000383	U	0.000383	0.00238
Methylene Chloride	75-09-2	TRG	0.05	0.000724	U	0.000724	0.00241	0.000662	U	0.000662	0.0022	0.000716	U	0.000716	0.00238
o-Xylene	95-47-6	TRG		0.000309	U	0.000309	0.00241	0.000283	U	0.000283	0.0022	0.000306	U	0.000306	0.00238
Styrene	100-42-5	TRG		0.000344	U	0.000344	0.00241	0.000315	U	0.000315	0.0022	0.000341	U	0.000341	0.00238
tert-Butyl alcohol	75-65-0	TRG		0.00506	U	0.00506	0.0241	0.00462	U	0.00462	0.022	0.005	U	0.005	0.0238
Tetrachloroethene	127-18-4	TRG	1.3	0.000238	U	0.000238	0.00241	0.000218	U	0.000218	0.0022	0.000236	U	0.000236	0.00238
Toluene	108-88-3	TRG	0.7	0.000194	U	0.000194	0.00241	0.000177	U	0.000177	0.0022	0.000192	U	0.000192	0.00238
Total Xylenes	1330-20-7	TRG	0.26	0.000309	U	0.000309	0.00241	0.000283	U	0.000283	0.0022	0.000306	U	0.000306	0.00238
trans-1,2-Dichloroethene	156-60-5	TRG	0.19	0.000326	U	0.000326	0.00241	0.000298	U	0.000298	0.0022	0.000323	U	0.000323	0.00238

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			LAB ID:	2070546-01				2070546-04				2070546-05			
			SAMPLE ID:	RA-35 (22-2.5)				RA-36 (22.5-23)				RA-46 (23-23.5)			
			COLLECTION DATE:	07/12/2022 10:55				07/12/2022 14:15				07/12/2022 15:45			
			SAMPLE MATRIX:	Soil				Soil				Soil			
Compound	**CAS#**	**Type**													
	Volatile Organics - GC/MS (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
trans-1,3-Dichloropropene	10061-02-6	TRG		0.00046	U	0.00046	0.00241	0.000421	U	0.000421	0.0022	0.000455	U	0.000455	0.00238
Trichloroethene	79-01-6	TRG	0.47	0.000354	U	0.000354	0.00241	0.000324	U	0.000324	0.0022	0.00035	U	0.00035	0.00238
Trichlorofluoromethane	75-69-4	TRG		0.000277	U	0.000277	0.00241	0.000253	U	0.000253	0.0022	0.000274	U	0.000274	0.00238
Vinyl chloride	75-01-4	TRG	0.02	0.000457	U	0.000457	0.00241	0.000418	U	0.000418	0.0022	0.000453	U	0.000453	0.00238
Qualifiers:															
U - Indicates compound analyzed for but not detected															
J - Indicates estimated value for TICs and all results when detected below the RL															
D - Indicates result is based on a dilution															
E - Concentration exceeds highest calibration standard															
B - Indicates compound found in associated blank															
H - Indicates a Hold Time violation															
P - Indicates a Greater than 25% diff. between 2 GC columns.															
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives															
RL Exceeds NY-UNRES															

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			LAB ID:	2070546-06				2070546-02				2070546-03			
			SAMPLE ID:	RA-46B (16.5-17)				RA-48 (24-24.5)				Dup-20220712 - RA-48 (24-24.5)			
			COLLECTION DATE:	07/12/2022 16:55				07/12/2022 12:50				07/12/2022 13:00			
			SAMPLE MATRIX:	Soil				Soil				Soil			
Compound	**CAS#**	**Type**													
	General Chemistry (%)			Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO
Percent Solids	PERSOL	TRG		**82.4**				**93.9**				**93.9**			
	General Chemistry (mg/kg)			Result	Qualifier		ZERO	Result	Qualifier		ZERO	Result	Qualifier		ZERO
Cyanide	57-12-5	TRG	27	0.303	U		0.303	0.266	U		0.266	0.266	U		0.266
	PCBs (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
Aroclor-1016	12674-11-2	TRG		0.00537	U	0.00537	0.04	0.00471	U	0.00471	0.0351	0.00471	U	0.00471	0.0351
Aroclor-1221	11104-28-2	TRG		0.0106	U	0.0106	0.04	0.00926	U	0.00926	0.0351	0.00927	U	0.00927	0.0351
Aroclor-1232	11141-16-5	TRG		0.0134	U	0.0134	0.04	0.0118	U	0.0118	0.0351	0.0118	U	0.0118	0.0351
Aroclor-1242	53469-21-9	TRG		0.00787	U	0.00787	0.04	0.0069	U	0.0069	0.0351	0.00691	U	0.00691	0.0351
Aroclor-1248	12672-29-6	TRG		0.00823	U	0.00823	0.04	0.00722	U	0.00722	0.0351	0.00722	U	0.00722	0.0351
Aroclor-1254	11097-69-1	TRG		0.00646	U	0.00646	0.04	0.00567	U	0.00567	0.0351	0.00567	U	0.00567	0.0351
Aroclor-1260	11096-82-5	TRG		0.00501	U	0.00501	0.04	0.0044	U	0.0044	0.0351	0.0044	U	0.0044	0.0351
Aroclor-1262	37324-23-5	TRG		0.0108	U	0.0108	0.04	0.00945	U	0.00945	0.0351	0.00946	U	0.00946	0.0351
Aroclor-1268	11100-14-4	TRG		0.00484	U	0.00484	0.04	0.00425	U	0.00425	0.0351	0.00425	U	0.00425	0.0351
Total PCBs	1336-36-3	TRG	0.1	0.00374	U	0.00374	0.04	0.00328	U	0.00328	0.0351	0.00328	U	0.00328	0.0351
	Pesticides (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
4,4'-DDD	72-54-8	TRG	0.0033	0.000722	U	0.000722	0.00158	0.000633	U	0.000633	0.00138	0.000634	U	0.000634	0.00138
4,4'-DDE	72-55-9	TRG	0.0033	0.000863	U	0.000863	0.00158	0.000757	U	0.000757	0.00138	0.000757	U	0.000757	0.00138
4,4'-DDT	50-29-3	TRG	0.0033	0.00111	U	0.00111	0.00158	0.000977	U	0.000977	0.00138	0.000978	U	0.000978	0.00138
Aldrin	309-00-2	TRG	0.005	0.000747	U	0.000747	0.00158	0.000656	U	0.000656	0.00138	0.000656	U	0.000656	0.00138
alpha-BHC	319-84-6	TRG	0.02	0.00047	U	0.00047	0.00158	0.000412	U	0.000412	0.00138	0.000412	U	0.000412	0.00138
beta-BHC	319-85-7	TRG	0.036	0.000754	U	0.000754	0.00158	0.000661	U	0.000661	0.00138	0.000661	U	0.000661	0.00138
Chlordane	57-74-9	TRG		0.000701	U	0.000701	0.00158	0.000615	U	0.000615	0.00138	0.000615	U	0.000615	0.00138
delta-BHC	319-86-8	TRG	0.04	0.000733	U	0.000733	0.00158	0.000643	U	0.000643	0.00138	0.000643	U	0.000643	0.00138
Dieldrin	60-57-1	TRG	0.005	0.000825	U	0.000825	0.00158	0.000724	U	0.000724	0.00138	0.000724	U	0.000724	0.00138
Endosulfan I	959-98-8	TRG	2.4	0.000745	U	0.000745	0.00158	0.000654	U	0.000654	0.00138	0.000654	U	0.000654	0.00138
Endosulfan II	33213-65-9	TRG	2.4	0.000717	U	0.000717	0.00158	0.000629	U	0.000629	0.00138	0.000629	U	0.000629	0.00138
Endosulfan sulfate	1031-07-8	TRG	2.4	0.000593	U	0.000593	0.00158	0.000521	U	0.000521	0.00138	0.000521	U	0.000521	0.00138
Endosulfans, Total (alpha and beta)	115-29-7	TRG		0.000717	U	0.000717	0.00158	0.000629	U	0.000629	0.00138	0.000629	U	0.000629	0.00138
Endrin	72-20-8	TRG	0.014	0.000545	U	0.000545	0.00158	0.000478	U	0.000478	0.00138	0.000478	U	0.000478	0.00138
Endrin aldehyde	7421-93-4	TRG		0.000629	U	0.000629	0.00158	0.000551	U	0.000551	0.00138	0.000552	U	0.000552	0.00138
Endrin ketone	53494-70-5	TRG		0.000556	U	0.000556	0.00158	0.000488	U	0.000488	0.00138	0.000488	U	0.000488	0.00138
gamma-BHC (Lindane)	58-89-9	TRG	0.1	0.0005	U	0.0005	0.00158	0.000439	U	0.000439	0.00138	0.000439	U	0.000439	0.00138
Heptachlor	76-44-8	TRG	0.042	0.000422	U	0.000422	0.00158	0.00037	U	0.00037	0.00138	0.000371	U	0.000371	0.00138
Heptachlor Epoxide	1024-57-3	TRG		0.000796	U	0.000796	0.00158	0.000698	U	0.000698	0.00138	0.000699	U	0.000699	0.00138
Methoxychlor	72-43-5	TRG		0.000462	U	0.000462	0.00158	0.000406	U	0.000406	0.00138	0.000406	U	0.000406	0.00138
Toxaphene	8001-35-2	TRG		0.076	U	0.076	0.0801	0.0667	U	0.0667	0.0703	0.0667	U	0.0667	0.0703

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			LAB ID:	2070546-06				2070546-02				2070546-03			
			SAMPLE ID:	RA-46B (16.5-17)				RA-48 (24-24.5)				Dup-20220712 - RA-48 (24-24.5)			
			COLLECTION DATE:	07/12/2022 16:55				07/12/2022 12:50				07/12/2022 13:00			
			SAMPLE MATRIX:	Soil				Soil				Soil			
Compound	**CAS#**	**Type**													
	Semivolatile Organics - GC/MS (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
1,4-Dioxane	123-91-1	TRG	0.1	0.00456	U	0.00456	0.0404	0.004	U	0.004	0.0354	0.004	U	0.004	0.0355
2,3,4,6-Tetrachlorophenol	58-90-2	TRG		0.0249	U	0.0249	0.161	0.0218	U	0.0218	0.142	0.0218	U	0.0218	0.142
2,4,5-Trichlorophenol	95-95-4	TRG		0.022	U	0.022	0.161	0.0193	U	0.0193	0.142	0.0193	U	0.0193	0.142
2,4,6-Trichlorophenol	88-06-2	TRG		0.0101	U	0.0101	0.161	0.00887	U	0.00887	0.142	0.00887	U	0.00887	0.142
2,4-Dichlorophenol	120-83-2	TRG		0.0163	U	0.0163	0.161	0.0143	U	0.0143	0.142	0.0143	U	0.0143	0.142
2,4-Dimethylphenol	105-67-9	TRG		0.0159	U	0.0159	0.161	0.0139	U	0.0139	0.142	0.0139	U	0.0139	0.142
2,4-Dinitrophenol	51-28-5	TRG		0.0233	U	0.0233	0.809	0.0204	U	0.0204	0.71	0.0204	U	0.0204	0.71
2,4-Dinitrotoluene	121-14-2	TRG		0.0172	U	0.0172	0.161	0.0151	U	0.0151	0.142	0.0151	U	0.0151	0.142
2,6-Dinitrotoluene	606-20-2	TRG		0.0386	U	0.0386	0.161	0.0338	U	0.0338	0.142	0.0339	U	0.0339	0.142
2-Chloronaphthalene	91-58-7	TRG		0.0186	U	0.0186	0.161	0.0163	U	0.0163	0.142	0.0163	U	0.0163	0.142
2-Chlorophenol	95-57-8	TRG		0.0214	U	0.0214	0.161	0.0187	U	0.0187	0.142	0.0187	U	0.0187	0.142
2-Methylnaphthalene	91-57-6	TRG		0.0387	U	0.0387	0.243	0.034	U	0.034	0.213	0.034	U	0.034	0.213
2-Methylphenol	95-48-7	TRG	0.33	0.0319	U	0.0319	0.161	0.028	U	0.028	0.142	0.028	U	0.028	0.142
2-Nitroaniline	88-74-4	TRG		0.013	U	0.013	0.161	0.0114	U	0.0114	0.142	0.0114	U	0.0114	0.142
2-Nitrophenol	88-75-5	TRG		0.018	U	0.018	0.161	0.0158	U	0.0158	0.142	0.0158	U	0.0158	0.142
3,3'-Dichlorobenzidine	91-94-1	TRG		0.017	U	0.017	0.161	0.0149	U	0.0149	0.142	0.0149	U	0.0149	0.142
3+4-Methylphenol	65794-96-9	TRG	0.33	0.0296	U	0.0296	0.161	0.026	U	0.026	0.142	0.026	U	0.026	0.142
3-Nitroaniline	99-09-2	TRG		0.03	U	0.03	0.161	0.0263	U	0.0263	0.142	0.0263	U	0.0263	0.142
4,6-Dinitro-2-methylphenol	534-52-1	TRG		0.0305	U	0.0305	0.404	0.0267	U	0.0267	0.354	0.0267	U	0.0267	0.355
4-Bromophenyl-phenyl ether	101-55-3	TRG		0.0231	U	0.0231	0.161	0.0202	U	0.0202	0.142	0.0202	U	0.0202	0.142
4-Chloro-3-methylphenol	59-50-7	TRG		0.0255	U	0.0255	0.161	0.0224	U	0.0224	0.142	0.0224	U	0.0224	0.142
4-Chloroaniline	106-47-8	TRG		0.00565	U	0.00565	0.161	0.00496	U	0.00496	0.142	0.00496	U	0.00496	0.142
4-Chlorophenyl phenyl ether	7005-72-3	TRG		0.00872	U	0.00872	0.161	0.00765	U	0.00765	0.142	0.00766	U	0.00766	0.142
4-Nitroaniline	100-01-6	TRG		0.0808	U	0.0808	0.161	0.0709	U	0.0709	0.142	0.0709	U	0.0709	0.142
4-Nitrophenol	100-02-7	TRG		0.0103	U	0.0103	0.161	0.00907	U	0.00907	0.142	0.00907	U	0.00907	0.142
Acenaphthene	83-32-9	TRG	20	0.00921	U	0.00921	0.161	0.00808	U	0.00808	0.142	0.00808	U	0.00808	0.142
Acenaphthylene	208-96-8	TRG	100	0.00562	U	0.00562	0.161	0.00493	U	0.00493	0.142	0.00493	U	0.00493	0.142
Acetophenone	98-86-2	TRG		0.016	U	0.016	0.161	0.0141	U	0.0141	0.142	0.0141	U	0.0141	0.142
Anthracene	120-12-7	TRG	100	**0.0489**	J	0.0234	0.161	0.0205	U	0.0205	0.142	0.0206	U	0.0206	0.142
Atrazine	1912-24-9	TRG		0.0152	U	0.0152	0.161	0.0133	U	0.0133	0.142	0.0133	U	0.0133	0.142
Benzaldehyde	100-52-7	TRG		0.0496	U	0.0496	0.161	0.0435	U	0.0435	0.142	0.0436	U	0.0436	0.142
Benzo(a)anthracene	56-55-3	TRG	1	**0.194**		0.0163	0.161	0.0143	U	0.0143	0.142	0.0143	U	0.0143	0.142
Benzo(a)pyrene	50-32-8	TRG	1	**0.201**		0.0282	0.161	0.0247	U	0.0247	0.142	0.0247	U	0.0247	0.142
Benzo(b)fluoranthene	205-99-2	TRG	1	**0.255**		0.0227	0.161	0.0199	U	0.0199	0.142	0.0199	U	0.0199	0.142
Benzo(g,h,i)perylene	191-24-2	TRG	100	**0.157**	J	0.0131	0.161	0.0115	U	0.0115	0.142	0.0115	U	0.0115	0.142

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			LAB ID:	2070546-06				2070546-02				2070546-03			
			SAMPLE ID:	RA-46B (16.5-17)				RA-48 (24-24.5)				Dup-20220712 - RA-48 (24-24.5)			
			COLLECTION DATE:	07/12/2022 16:55				07/12/2022 12:50				07/12/2022 13:00			
			SAMPLE MATRIX:	Soil				Soil				Soil			
Compound	**CAS#**	**Type**													
	Semivolatile Organics - GC/MS (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
Benzo(k)fluoranthene	207-08-9	TRG	0.8	**0.166**		0.0186	0.161	0.0163	U	0.0163	0.142	0.0163	U	0.0163	0.142
Biphenyl	92-52-4	TRG		0.0142	U	0.0142	0.161	0.0125	U	0.0125	0.142	0.0125	U	0.0125	0.142
bis(2-chloroethoxy)methane	111-91-1	TRG		0.0223	U	0.0223	0.161	0.0196	U	0.0196	0.142	0.0196	U	0.0196	0.142
bis(2-chloroethyl)ether	111-44-4	TRG		0.0177	U	0.0177	0.161	0.0155	U	0.0155	0.142	0.0155	U	0.0155	0.142
bis(2-chloroisopropyl)ether	108-60-1	TRG		0.0581	U	0.0581	0.161	0.051	U	0.051	0.142	0.051	U	0.051	0.142
bis(2-ethylhexyl)phthalate	117-81-7	TRG		**0.0709**	J	0.0323	0.161	0.0283	U	0.0283	0.142	0.0283	U	0.0283	0.142
Butylbenzylphthalate	85-68-7	TRG		0.0147	U	0.0147	0.161	0.0129	U	0.0129	0.142	0.0129	U	0.0129	0.142
Caprolactam	105-60-2	TRG		0.0209	U	0.0209	0.161	0.0183	U	0.0183	0.142	0.0183	U	0.0183	0.142
Carbazole	86-74-8	TRG		0.0311	U	0.0311	0.404	0.0272	U	0.0272	0.354	0.0273	U	0.0273	0.355
Chrysene	218-01-9	TRG	1	**0.261**		0.0111	0.161	0.00971	U	0.00971	0.142	0.00971	U	0.00971	0.142
Dibenzo(a,h)anthracene	53-70-3	TRG	0.33	**0.0548**	J	0.016	0.161	0.0141	U	0.0141	0.142	0.0141	U	0.0141	0.142
Dibenzofuran	132-64-9	TRG	7	0.00962	U	0.00962	0.161	0.00844	U	0.00844	0.142	0.00844	U	0.00844	0.142
Diethylphthalate	84-66-2	TRG		0.0313	U	0.0313	0.161	0.0275	U	0.0275	0.142	0.0275	U	0.0275	0.142
Dimethylphthalate	131-11-3	TRG		0.01	U	0.01	0.161	0.00879	U	0.00879	0.142	0.0088	U	0.0088	0.142
Di-n-butylphthalate	84-74-2	TRG		0.066	U	0.066	0.161	0.0579	U	0.0579	0.142	0.0579	U	0.0579	0.142
Di-n-octylphthalate	117-84-0	TRG		0.0331	U	0.0331	0.161	0.0291	U	0.0291	0.142	0.0291	U	0.0291	0.142
Fluoranthene	206-44-0	TRG	100	**0.498**		0.0152	0.161	0.0133	U	0.0133	0.142	0.0133	U	0.0133	0.142
Fluorene	86-73-7	TRG	30	**0.0374**	J	0.0135	0.161	0.0118	U	0.0118	0.142	0.0118	U	0.0118	0.142
Hexachlorobenzene	118-74-1	TRG	0.33	0.0211	U	0.0211	0.161	0.0185	U	0.0185	0.142	0.0185	U	0.0185	0.142
Hexachlorobutadiene	87-68-3	TRG		0.0775	U	0.0775	0.161	0.068	U	0.068	0.142	0.068	U	0.068	0.142
Hexachlorocyclopentadiene	77-47-4	TRG		0.0673	U	0.0673	0.404	0.0591	U	0.0591	0.354	0.0591	U	0.0591	0.355
Hexachloroethane	67-72-1	TRG		0.0177	U	0.0177	0.161	0.0155	U	0.0155	0.142	0.0155	U	0.0155	0.142
Indeno(1,2,3-cd)pyrene	193-39-5	TRG	0.5	**0.142**	J	0.0174	0.161	0.0152	U	0.0152	0.142	0.0152	U	0.0152	0.142
Isophorone	78-59-1	TRG		0.0106	U	0.0106	0.161	0.00928	U	0.00928	0.142	0.00929	U	0.00929	0.142
Naphthalene	91-20-3	TRG	12	0.012	U	0.012	0.161	0.0105	U	0.0105	0.142	0.0105	U	0.0105	0.142
Nitrobenzene	98-95-3	TRG		0.0274	U	0.0274	0.161	0.0241	U	0.0241	0.142	0.0241	U	0.0241	0.142
n-Nitroso-di-n-propylamine	621-64-7	TRG		0.00865	U	0.00865	0.161	0.00759	U	0.00759	0.142	0.00759	U	0.00759	0.142
n-Nitrosodiphenylamine	86-30-6	TRG		0.0345	U	0.0345	0.161	0.0302	U	0.0302	0.142	0.0302	U	0.0302	0.142
Pentachlorophenol	87-86-5	TRG	0.8	0.0222	U	0.0222	0.404	0.0195	U	0.0195	0.354	0.0195	U	0.0195	0.355
Phenanthrene	85-01-8	TRG	100	**0.384**		0.0212	0.161	0.0186	U	0.0186	0.142	0.0186	U	0.0186	0.142
Phenol	108-95-2	TRG	0.33	**0.0327**	J	0.0131	0.161	0.0115	U	0.0115	0.142	0.0115	U	0.0115	0.142
Pyrene	129-00-0	TRG	100	**0.341**		0.0119	0.161	0.0104	U	0.0104	0.142	0.0104	U	0.0104	0.142

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			LAB ID:	2070546-06				2070546-02				2070546-03			
			SAMPLE ID:	RA-46B (16.5-17)				RA-48 (24-24.5)				Dup-20220712 - RA-48 (24-24.5)			
			COLLECTION DATE:	07/12/2022 16:55				07/12/2022 12:50				07/12/2022 13:00			
			SAMPLE MATRIX:	Soil				Soil				Soil			
Compound	**CAS#**	**Type**													
	Total Metals (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
Aluminum	7429-90-5	TRG		**5980**			3.03	**4250**			2.66	**4450**			2.66
Antimony	7440-36-0	TRG		1.52	U		1.52	1.33	U		1.33	1.33	U		1.33
Arsenic	7440-38-2	TRG	13	1.52	U		1.52	1.33	U		1.33	1.33	U		1.33
Barium	7440-39-3	TRG	350	**29**			0.607	**26.5**			0.532	**33.3**			0.532
Beryllium	7440-41-7	TRG	7.2	**0.165**			0.0303	**0.156**			0.0266	**0.127**			0.0266
Cadmium	7440-43-9	TRG	2.5	0.303	U		0.303	0.266	U		0.266	0.266	U		0.266
Calcium	7440-70-2	TRG		**3160**			30.3	**1450**			26.6	**1710**			26.6
Chromium	7440-47-3	TRG		**15.7**			0.303	**7.85**			0.266	**9.45**			0.266
Cobalt	7440-48-4	TRG		**4.58**			0.243	**5.16**			0.213	**4.21**			0.213
Copper	7440-50-8	TRG	50	**8.49**			0.303	**11.8**			0.266	**9.13**			0.266
Iron	7439-89-6	TRG		**15000**			6.07	**10500**			5.32	**10500**			5.32
Lead	7439-92-1	TRG	63	**4.13**			1.52	**1.89**			1.33	**2.14**			1.33
Magnesium	7439-95-4	TRG		**3850**			60.7	**2290**			53.2	**2760**			53.2
Manganese	7439-96-5	TRG	1600	**224**			0.303	**262**			0.266	**169**			0.266
Mercury	7439-97-6	TRG	0.18	0.0243	U		0.0243	0.0213	U		0.0213	0.0213	U		0.0213
Nickel	7440-02-0	TRG	30	**8.74**			0.152	**7.69**			0.133	**7.4**			0.133
Potassium	7440-09-7	TRG		**1470**			121	**1070**			106	**1460**			106
Selenium	7782-49-2	TRG	3.9	1.52	U		1.52	1.33	U		1.33	1.33	U		1.33
Silver	7440-22-4	TRG	2	0.182	U		0.182	0.16	U		0.16	0.16	U		0.16
Sodium	7440-23-5	TRG		**93.5**			60.7	**182**			53.2	**209**			53.2
Thallium	7440-28-0	TRG		1.52	U		1.52	1.33	U		1.33	1.33	U		1.33
Vanadium	7440-62-2	TRG		**21.6**			0.607	**14.3**			0.532	**14.7**			0.532
Zinc	7440-66-6	TRG	109	**23.4**			0.91	**18.1**			0.798	**18.7**			0.799
	Volatile Organics - GC/MS (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
1,1,1-Trichloroethane	71-55-6	TRG	0.68	0.000385	U	0.000385	0.00264	0.000305	U	0.000305	0.00209	0.000324	U	0.000324	0.00222
1,1,2,2-Tetrachloroethane	79-34-5	TRG		0.000364	U	0.000364	0.00264	0.000288	U	0.000288	0.00209	0.000306	U	0.000306	0.00222
1,1,2-Trichloro-1,2,2 Trifluoroethane	76-13-1	TRG		0.00113	U	0.00113	0.00264	0.000893	U	0.000893	0.00209	0.000949	U	0.000949	0.00222
1,1,2-Trichloroethane	79-00-5	TRG		0.000444	U	0.000444	0.00264	0.000352	U	0.000352	0.00209	0.000374	U	0.000374	0.00222
1,1-Dichloroethane	75-34-3	TRG	0.27	0.000385	U	0.000385	0.00264	0.000305	U	0.000305	0.00209	0.000324	U	0.000324	0.00222
1,1-Dichloroethene	75-35-4	TRG	0.33	0.000488	U	0.000488	0.00264	0.000386	U	0.000386	0.00209	0.00041	U	0.00041	0.00222
1,2,3-Trichlorobenzene	87-61-6	TRG		0.00057	U	0.00057	0.00264	0.000451	U	0.000451	0.00209	0.000479	U	0.000479	0.00222
1,2,4-Trichlorobenzene	120-82-1	TRG		0.000703	U	0.000703	0.00264	0.000556	U	0.000556	0.00209	0.000591	U	0.000591	0.00222
1,2,4-Trimethylbenzene	95-63-6	TRG	3.6	0.000364	U	0.000364	0.00264	0.000288	U	0.000288	0.00209	0.000306	U	0.000306	0.00222
1,2-Dibromo-3-chloropropane	96-12-8	TRG		0.000644	U	0.000644	0.00659	0.000509	U	0.000509	0.00522	0.000541	U	0.000541	0.00555
1,2-Dibromoethane	106-93-4	TRG		0.000332	U	0.000332	0.00264	0.000263	U	0.000263	0.00209	0.00028	U	0.00028	0.00222
1,2-Dichlorobenzene	95-50-1	TRG	1.1	0.000466	U	0.000466	0.00264	0.000368	U	0.000368	0.00209	0.000392	U	0.000392	0.00222
1,2-Dichloroethane	107-06-2	TRG	0.02	0.000372	U	0.000372	0.00264	0.000294	U	0.000294	0.00209	0.000313	U	0.000313	0.00222
1,2-Dichloropropane	78-87-5	TRG		0.000433	U	0.000433	0.00264	0.000342	U	0.000342	0.00209	0.000364	U	0.000364	0.00222

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			LAB ID:	2070546-06				2070546-02				2070546-03			
			SAMPLE ID:	RA-46B (16.5-17)				RA-48 (24-24.5)				Dup-20220712 - RA-48 (24-24.5)			
			COLLECTION DATE:	07/12/2022 16:55				07/12/2022 12:50				07/12/2022 13:00			
			SAMPLE MATRIX:	Soil				Soil				Soil			
Compound	**CAS#**	**Type**													
	Volatile Organics - GC/MS (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
1,3-Dichlorobenzene	541-73-1	TRG	2.4	0.000194	U	0.000194	0.00264	0.000153	U	0.000153	0.00209	0.000163	U	0.000163	0.00222
1,4-Dichlorobenzene	106-46-7	TRG	1.8	0.00038	U	0.00038	0.00264	0.000301	U	0.000301	0.00209	0.000319	U	0.000319	0.00222
2-Butanone	78-93-3	TRG	0.12	0.00043	U	0.00043	0.0132	0.00034	U	0.00034	0.0104	0.000362	U	0.000362	0.0111
2-Hexanone	591-78-6	TRG		0.000247	U	0.000247	0.00264	0.000195	U	0.000195	0.00209	0.000207	U	0.000207	0.00222
4-Methyl-2-pentanone	108-10-1	TRG		0.00033	U	0.00033	0.00264	0.000261	U	0.000261	0.00209	0.000277	U	0.000277	0.00222
Acetone	67-64-1	TRG	0.05	0.000799	U	0.000799	0.00659	0.000632	U	0.000632	0.00522	0.000672	U	0.000672	0.00555
Benzene	71-43-2	TRG	0.06	0.00024	U	0.00024	0.00264	0.00019	U	0.00019	0.00209	0.000202	U	0.000202	0.00222
Bromochloromethane	74-97-5	TRG		0.000487	U	0.000487	0.00264	0.000385	U	0.000385	0.00209	0.000409	U	0.000409	0.00222
Bromodichloromethane	75-27-4	TRG		0.000331	U	0.000331	0.00264	0.000262	U	0.000262	0.00209	0.000278	U	0.000278	0.00222
Bromoform	75-25-2	TRG		0.000463	U	0.000463	0.00264	0.000366	U	0.000366	0.00209	0.000389	U	0.000389	0.00222
Bromomethane	74-83-9	TRG		0.000761	U	0.000761	0.00264	0.000602	U	0.000602	0.00209	0.00064	U	0.00064	0.00222
Carbon disulfide	75-15-0	TRG		0.000379	U	0.000379	0.00264	0.0003	U	0.0003	0.00209	0.000318	U	0.000318	0.00222
Carbon Tetrachloride	56-23-5	TRG	0.76	0.000397	U	0.000397	0.00264	0.000314	U	0.000314	0.00209	0.000334	U	0.000334	0.00222
Chlorobenzene	108-90-7	TRG	1.1	0.000383	U	0.000383	0.00264	0.000303	U	0.000303	0.00209	0.000322	U	0.000322	0.00222
Chlorodibromomethane	124-48-1	TRG		0.000324	U	0.000324	0.00264	0.000257	U	0.000257	0.00209	0.000273	U	0.000273	0.00222
Chloroethane	75-00-3	TRG		0.00045	U	0.00045	0.00264	0.000356	U	0.000356	0.00209	0.000378	U	0.000378	0.00222
Chloroform	67-66-3	TRG	0.37	0.000443	U	0.000443	0.00264	0.000351	U	0.000351	0.00209	0.000373	U	0.000373	0.00222
Chloromethane	74-87-3	TRG		0.00102	U	0.00102	0.00264	0.000804	U	0.000804	0.00209	0.000854	U	0.000854	0.00222
cis-1,2-Dichloroethene	156-59-2	TRG	0.25	0.000128	U	0.000128	0.00264	0.000101	U	0.000101	0.00209	0.000107	U	0.000107	0.00222
cis-1,3-Dichloropropene	10061-01-5	TRG		0.000334	U	0.000334	0.00264	0.000264	U	0.000264	0.00209	0.000281	U	0.000281	0.00222
Cyclohexane	110-82-7	TRG		0.000584	U	0.000584	0.00264	0.000462	U	0.000462	0.00209	0.000491	U	0.000491	0.00222
Dichlorodifluoromethane	75-71-8	TRG		0.00089	U	0.00089	0.00264	0.000704	U	0.000704	0.00209	0.000749	U	0.000749	0.00222
EthylBenzene	100-41-4	TRG	1	0.000357	U	0.000357	0.00264	0.000283	U	0.000283	0.00209	0.000301	U	0.000301	0.00222
Isopropylbenzene	98-82-8	TRG		0.000414	U	0.000414	0.00264	0.000328	U	0.000328	0.00209	0.000348	U	0.000348	0.00222
m+p-Xylenes	179601-23-1	TRG		0.000666	U	0.000666	0.00528	0.000527	U	0.000527	0.00417	0.00056	U	0.00056	0.00444
Methyl Acetate	79-20-9	TRG		0.00035	U	0.00035	0.00264	0.000277	U	0.000277	0.00209	0.000294	U	0.000294	0.00222
Methyl tert-Butyl Ether	1634-04-4	TRG	0.93	0.000446	U	0.000446	0.00264	0.000353	U	0.000353	0.00209	0.000375	U	0.000375	0.00222
Methylcyclohexane	108-87-2	TRG		0.000425	U	0.000425	0.00264	0.000336	U	0.000336	0.00209	0.000357	U	0.000357	0.00222
Methylene Chloride	75-09-2	TRG	0.05	0.000793	U	0.000793	0.00264	0.000627	U	0.000627	0.00209	0.000667	U	0.000667	0.00222
o-Xylene	95-47-6	TRG		0.000339	U	0.000339	0.00264	0.000268	U	0.000268	0.00209	0.000285	U	0.000285	0.00222
Styrene	100-42-5	TRG		0.000377	U	0.000377	0.00264	0.000298	U	0.000298	0.00209	0.000317	U	0.000317	0.00222
tert-Butyl alcohol	75-65-0	TRG		0.00554	U	0.00554	0.0264	0.00438	U	0.00438	0.0209	0.00466	U	0.00466	0.0222
Tetrachloroethene	127-18-4	TRG	1.3	0.000261	U	0.000261	0.00264	0.000207	U	0.000207	0.00209	0.00022	U	0.00022	0.00222
Toluene	108-88-3	TRG	0.7	0.000212	U	0.000212	0.00264	0.000168	U	0.000168	0.00209	0.000179	U	0.000179	0.00222
Total Xylenes	1330-20-7	TRG	0.26	0.000339	U	0.000339	0.00264	0.000268	U	0.000268	0.00209	0.000285	U	0.000285	0.00222
trans-1,2-Dichloroethene	156-60-5	TRG	0.19	0.000357	U	0.000357	0.00264	0.000283	U	0.000283	0.00209	0.000301	U	0.000301	0.00222

Table 3.4 Post-Excavation End Point Sample Summary
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			LAB ID:	2070546-06				2070546-02				2070546-03			
			SAMPLE ID:	RA-46B (16.5-17)				RA-48 (24-24.5)				Dup-20220712 - RA-48 (24-24.5)			
			COLLECTION DATE:	07/12/2022 16:55				07/12/2022 12:50				07/12/2022 13:00			
			SAMPLE MATRIX:	Soil				Soil				Soil			
Compound	**CAS#**	**Type**													
	Volatile Organics - GC/MS (mg/kg)			Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL	Result	Qualifier	MDL	RL
trans-1,3-Dichloropropene	10061-02-6	TRG		0.000504	U	0.000504	0.00264	0.000399	U	0.000399	0.00209	0.000424	U	0.000424	0.00222
Trichloroethene	79-01-6	TRG	0.47	0.000388	U	0.000388	0.00264	0.000307	U	0.000307	0.00209	0.000326	U	0.000326	0.00222
Trichlorofluoromethane	75-69-4	TRG		0.000303	U	0.000303	0.00264	0.00024	U	0.00024	0.00209	0.000255	U	0.000255	0.00222
Vinyl chloride	75-01-4	TRG	0.02	0.000501	U	0.000501	0.00264	0.000397	U	0.000397	0.00209	0.000421	U	0.000421	0.00222
Qualifiers:															
U - Indicates compound analyzed for but not detected															
J - Indicates estimated value for TICs and all results when detected below the RL															
D - Indicates result is based on a dilution															
E - Concentration exceeds highest calibration standard															
B - Indicates compound found in associated blank															
H - Indicates a Hold Time violation															
P - Indicates a Greater than 25% diff. between 2 GC columns.															
NY-UNRES = Exceeds Unrestricted Use Soil Cleanup Objectives															
RL Exceeds NY-UNRES															

Table 3.6 Summary of Groundwater Sample Results
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			NY Water Clean-up Objectives											
		Lab ID:	NYSDEC	**2070442-01**				**2070442-02**				**2070627-01**			
		Client ID:	TOGs	**MW1-1**				**MW2-1**				**MW4-1**			
		Date Sampled:	Class GA	**07/11/2022 15:00**				**07/11/2022 15:50**				**07/13/2022 09:30**			
		Matrix:		**Ground Water**				**Ground Water**				**Ground Water**			
Compound	**CAS#**	**Type**		**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**
General Chemistry (ug/L)-ADJ															
Cyanide	57-12-5	TRG-ADJ		10	U		10	**10**			10	10	U		10
PCBs (ug/L)															
Aroclor-1016	12674-11-2	TRG	0.09	0.0497	U	0.0497	0.5	0.0497	U	0.0497	0.5	0.0497	U	0.0497	0.5
Aroclor-1221	11104-28-2	TRG	0.09	0.352	U	0.352	0.5	0.352	U	0.352	0.5	0.352	U	0.352	0.5
Aroclor-1232	11141-16-5	TRG	0.09	0.109	U	0.109	0.5	0.109	U	0.109	0.5	0.109	U	0.109	0.5
Aroclor-1242	53469-21-9	TRG	0.09	0.185	U	0.185	0.5	0.185	U	0.185	0.5	0.185	U	0.185	0.5
Aroclor-1248	12672-29-6	TRG	0.09	0.0933	U	0.0933	0.5	0.0933	U	0.0933	0.5	0.0933	U	0.0933	0.5
Aroclor-1254	11097-69-1	TRG	0.09	0.103	U	0.103	0.5	0.103	U	0.103	0.5	0.103	U	0.103	0.5
Aroclor-1260	11096-82-5	TRG	0.09	0.0784	U	0.0784	0.5	0.0784	U	0.0784	0.5	0.0784	U	0.0784	0.5
Aroclor-1262	37324-23-5	TRG	0.09	0.169	U	0.169	0.5	0.169	U	0.169	0.5	0.169	U	0.169	0.5
Aroclor-1268	11100-14-4	TRG	0.09	0.159	U	0.159	0.5	0.159	U	0.159	0.5	0.159	U	0.159	0.5
Total PCBs	1336-36-3	TRG		0.0497	U	0.0497	0.5	0.0497	U	0.0497	0.5	0.0497	U	0.0497	0.5
Per- and Polyfluorinated Alkyl Substances - LCMS (ng/L)-ADJ															
11Cl-PF3OUdS		TRG-ADJ		10	U		10	10	U		0.01	10	U		10
9Cl-PF3ONS		TRG-ADJ		10	U		10	10	U		0.01	10	U		10
HFPO-DA	13252-13-6	TRG-ADJ		10	U		10	10	U		0.01	10	U		10
NaDONA	958445-44-8	TRG-ADJ		10	U		10	10	U		0.01	10	U		10
NEtFOSAA	2991-50-6	TRG-ADJ		10	U		10	10	U		0.01	10	U		10
NMeFOSAA	2355-31-9	TRG-ADJ		10	U		10	10	U		0.01	10	U		10
PFBS	375-73-5	TRG-ADJ		10	U		10	10	U		0.01	10	U		10
PFDA	335-76-2	TRG-ADJ		10	U		10	10	U		0.01	10	U		10
PFDoA	307-55-1	TRG-ADJ		10	U		10	10	U		0.01	10	U		10
PFHpA	375-85-9	TRG-ADJ		**15.8**			10	10	U		0.01	10	U		10
PFHxA	307-24-4	TRG-ADJ		**20.7**			10	**16.3**			0.01	10	U		10
PFHxS	355-46-4	TRG-ADJ		10	U		10	10	U		0.01	10	U		10
PFNA	375-95-1	TRG-ADJ		10	U		10	10	U		0.01	10	U		10
PFOA	335-67-1	TRG-ADJ	10	**35.4**			10	10	U		0.01	**22.9**			10
PFOS	1763-23-1	TRG-ADJ	10	**14.2**			10	10	U		0.01	10	U		10
PFTA	376-06-7	TRG-ADJ		10	U		10	10	U		0.01	10	U		10
PFUnA	2058-94-8	TRG-ADJ		10	U		10	10	U		0.01	10	U		10
Pesticides (ug/L)															
4,4'-DDD	72-54-8	TRG	0.3	0.000378	U	0.000378	0.02	0.000378	U	0.000378	0.02	0.000378	U	0.000378	0.02
4,4'-DDE	72-55-9	TRG	0.2	0.000234	U	0.000234	0.02	0.000234	U	0.000234	0.02	0.000234	U	0.000234	0.02
4,4'-DDT	50-29-3	TRG	0.2	0.000319	U	0.000319	0.02	0.000319	U	0.000319	0.02	0.000319	U	0.000319	0.02
Aldrin	309-00-2	TRG		0.000527	U	0.000527	0.02	0.000527	U	0.000527	0.02	0.000527	U	0.000527	0.02
alpha-BHC	319-84-6	TRG	0.01	0.000255	U	0.000255	0.02	0.000255	U	0.000255	0.02	0.000255	U	0.000255	0.02
beta-BHC	319-85-7	TRG	0.04	0.000371	U	0.000371	0.02	0.000371	U	0.000371	0.02	0.000371	U	0.000371	0.02

Table 3.6 Summary of Groundwater Sample Results
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			NY Water Clean-up Objectives											
		Lab ID:	NYSDEC	**2070442-01**				**2070442-02**				**2070627-01**			
		Client ID:	TOGs	**MW1-1**				**MW2-1**				**MW4-1**			
		Date Sampled:	Class GA	**07/11/2022 15:00**				**07/11/2022 15:50**				**07/13/2022 09:30**			
		Matrix:		**Ground Water**				**Ground Water**				**Ground Water**			
Compound	**CAS#**	**Type**		**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**
Chlordane	57-74-9	TRG	0.05	0.000327	U	0.000327	0.05	0.000327	U	0.000327	0.05	0.000327	U	0.000327	0.05
delta-BHC	319-86-8	TRG	0.04	0.00032	U	0.00032	0.02	0.00032	U	0.00032	0.02	0.00032	U	0.00032	0.02
Dieldrin	60-57-1	TRG	0.004	0.000271	U	0.000271	0.02	0.000271	U	0.000271	0.02	0.000271	U	0.000271	0.02
Endosulfan I	959-98-8	TRG		0.00038	U	0.00038	0.02	0.00038	U	0.00038	0.02	0.00038	U	0.00038	0.02
Endosulfan II	33213-65-9	TRG		0.000254	U	0.000254	0.02	0.000254	U	0.000254	0.02	0.000254	U	0.000254	0.02
Endosulfan sulfate	1031-07-8	TRG		0.000138	U	0.000138	0.02	0.000138	U	0.000138	0.02	0.000138	U	0.000138	0.02
Endrin	72-20-8	TRG		0.000229	U	0.000229	0.02	0.000229	U	0.000229	0.02	0.000229	U	0.000229	0.02
Endrin aldehyde	7421-93-4	TRG	5	0.000318	U	0.000318	0.02	0.000318	U	0.000318	0.02	0.000318	U	0.000318	0.02
Endrin ketone	53494-70-5	TRG	5	0.000203	U	0.000203	0.02	0.000203	U	0.000203	0.02	0.000203	U	0.000203	0.02
gamma-BHC (Lindane)	58-89-9	TRG	0.05	0.000241	U	0.000241	0.02	0.000241	U	0.000241	0.02	0.000241	U	0.000241	0.02
Heptachlor	76-44-8	TRG	0.04	0.000563	U	0.000563	0.02	0.000563	U	0.000563	0.02	0.000563	U	0.000563	0.02
Heptachlor Epoxide	1024-57-3	TRG	0.03	0.000302	U	0.000302	0.02	0.000302	U	0.000302	0.02	0.000302	U	0.000302	0.02
Methoxychlor	72-43-5	TRG	35	0.000343	U	0.000343	0.02	0.000343	U	0.000343	0.02	0.000343	U	0.000343	0.02
Toxaphene	8001-35-2	TRG	0.06	0.0237	U	0.0237	0.2	0.0237	U	0.0237	0.2	0.0237	U	0.0237	0.2
Semivolatile Organics - GC/MS - SIM (ug/L)															
1,4-Dioxane	123-91-1	TRG		0.0092	U	0.0092	0.02	0.0092	U	0.0092	0.02	0.0092	U	0.0092	0.02
Benzo(a)anthracene	56-55-3	TRG	0.002	0.075	U	0.075	0.1	0.075	U	0.075	0.1	0.075	U	0.075	0.1
Benzo(a)pyrene	50-32-8	TRG		0.075	U	0.075	0.1	0.075	U	0.075	0.1	0.075	U	0.075	0.1
Benzo(b)fluoranthene	205-99-2	TRG	0.002	0.075	U	0.075	0.1	0.075	U	0.075	0.1	0.075	U	0.075	0.1
Benzo(k)fluoranthene	207-08-9	TRG	0.002	0.075	U	0.075	0.1	0.075	U	0.075	0.1	0.075	U	0.075	0.1
Dibenzo(a,h)anthracene	53-70-3	TRG		0.075	U	0.075	0.1	0.075	U	0.075	0.1	0.075	U	0.075	0.1
Hexachlorobenzene	118-74-1	TRG	0.04	0.0062	U	0.0062	0.01	0.0062	U	0.0062	0.01	0.0062	U	0.0062	0.01
Hexachlorobutadiene	87-68-3	TRG	0.5	0.0099	U	0.0099	0.02	0.0099	U	0.0099	0.02	0.0099	U	0.0099	0.02
Indeno(1,2,3-cd)pyrene	193-39-5	TRG	0.002	0.075	U	0.075	0.1	0.075	U	0.075	0.1	0.075	U	0.075	0.1
n-Nitroso-dimethylamine	62-75-9	TRG		0.0096	U	0.0096	0.02	0.0096	U	0.0096	0.02	0.0096	U	0.0096	0.02
Pentachlorophenol	87-86-5	TRG	2	0.0089	U	0.0089	0.02	0.0089	U	0.0089	0.02	0.0089	U	0.0089	0.02
Semivolatile Organics - GC/MS (ug/L)															
2,3,4,6-Tetrachlorophenol	58-90-2	TRG	2	0.21	U	0.21	2	0.21	U	0.21	2	0.21	U	0.21	2
2,4,5-Trichlorophenol	95-95-4	TRG	2	0.0438	U	0.0438	2	0.0438	U	0.0438	2	0.0438	U	0.0438	2
2,4,6-Trichlorophenol	88-06-2	TRG	2	0.137	U	0.137	2	0.137	U	0.137	2	0.137	U	0.137	2
2,4-Dichlorophenol	120-83-2	TRG	2	0.152	U	0.152	2	0.152	U	0.152	2	0.152	U	0.152	2
2,4-Dimethylphenol	105-67-9	TRG	2	0.179	U	0.179	2	0.179	U	0.179	2	0.179	U	0.179	2
2,4-Dinitrophenol	51-28-5	TRG	2	0.326	U	0.326	5	0.326	U	0.326	5	0.326	U	0.326	5
2,4-Dinitrotoluene	121-14-2	TRG	5	0.108	U	0.108	2	0.108	U	0.108	2	0.108	U	0.108	2
2,6-Dinitrotoluene	606-20-2	TRG	5	0.143	U	0.143	2	0.143	U	0.143	2	0.143	U	0.143	2
2-Chloronaphthalene	91-58-7	TRG	10	0.122	U	0.122	2	0.122	U	0.122	2	0.122	U	0.122	2
2-Chlorophenol	95-57-8	TRG	2	0.111	U	0.111	2	0.111	U	0.111	2	0.111	U	0.111	2
2-Methylnaphthalene	91-57-6	TRG		0.103	U	0.103	3	0.103	U	0.103	3	0.103	U	0.103	3
2-Methylphenol	95-48-7	TRG	2	0.155	U	0.155	2	0.155	U	0.155	2	0.155	U	0.155	2

Table 3.6 Summary of Groundwater Sample Results
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			NY Water Clean-up Objectives												
		Lab ID:	NYSDEC	**2070442-01**				**2070442-02**				**2070627-01**			
		Client ID:	TOGs	**MW1-1**				**MW2-1**				**MW4-1**			
		Date Sampled:	Class GA	**07/11/2022 15:00**				**07/11/2022 15:50**				**07/13/2022 09:30**			
		Matrix:		**Ground Water**				**Ground Water**				**Ground Water**			
Compound	**CAS#**	**Type**		**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**
2-Nitroaniline	88-74-4	TRG	5	0.101	U	0.101	2	0.101	U	0.101	2	0.101	U	0.101	2
2-Nitrophenol	88-75-5	TRG	2	0.162	U	0.162	2	0.162	U	0.162	2	0.162	U	0.162	2
3,3'-Dichlorobenzidine	91-94-1	TRG	5	0.11	U	0.11	2	0.11	U	0.11	2	0.11	U	0.11	2
3+4-Methylphenol	65794-96-9	TRG	2	0.122	U	0.122	2	0.122	U	0.122	2	0.122	U	0.122	2
3-Nitroaniline	99-09-2	TRG	5	0.134	U	0.134	2	0.134	U	0.134	2	0.134	U	0.134	2
4,6-Dinitro-2-methylphenol	534-52-1	TRG	2	0.0793	U	0.0793	2	0.0793	U	0.0793	2	0.0793	U	0.0793	2
4-Bromophenyl-phenyl ether	101-55-3	TRG		0.191	U	0.191	2	0.191	U	0.191	2	0.191	U	0.191	2
4-Chloro-3-methylphenol	59-50-7	TRG	2	0.141	U	0.141	2	0.141	U	0.141	2	0.141	U	0.141	2
4-Chloroaniline	106-47-8	TRG	5	0.162	U	0.162	2	0.162	U	0.162	2	0.162	U	0.162	2
4-Chlorophenyl phenyl ether	7005-72-3	TRG		0.136	U	0.136	2	0.136	U	0.136	2	0.136	U	0.136	2
4-Nitroaniline	100-01-6	TRG	5	0.0868	U	0.0868	2	0.0868	U	0.0868	2	0.0868	U	0.0868	2
4-Nitrophenol	100-02-7	TRG	2	0.168	U	0.168	2	0.168	U	0.168	2	0.168	U	0.168	2
Acenaphthene	83-32-9	TRG	20	0.1	U	0.1	2	0.1	U	0.1	2	**2.48**		0.1	2
Acenaphthylene	208-96-8	TRG		0.14	U	0.14	2	0.14	U	0.14	2	0.14	U	0.14	2
Acetophenone	98-86-2	TRG		0.17	U	0.17	2	0.17	U	0.17	2	0.17	U	0.17	2
Anthracene	120-12-7	TRG	50	0.121	U	0.121	2	0.121	U	0.121	2	0.121	U	0.121	2
Atrazine	1912-24-9	TRG	7.5	0.0861	U	0.0861	2	0.0861	U	0.0861	2	0.0861	U	0.0861	2
Benzaldehyde	100-52-7	TRG		0.134	U	0.134	2	0.134	U	0.134	2	0.134	U	0.134	2
Benzo(g,h,i)perylene	191-24-2	TRG		0.0652	U	0.0652	2	0.0652	U	0.0652	2	0.0652	U	0.0652	2
Biphenyl	92-52-4	TRG	5	0.106	U	0.106	2	0.106	U	0.106	2	0.106	U	0.106	2
bis(2-chloroethoxy)methane	111-91-1	TRG	5	0.112	U	0.112	2	0.112	U	0.112	2	0.112	U	0.112	2
bis(2-chloroethyl)ether	111-44-4	TRG	1	0.121	U	0.121	2	0.121	U	0.121	2	0.121	U	0.121	2
bis(2-chloroisopropyl)ether	108-60-1	TRG	5	0.132	U	0.132	2	0.132	U	0.132	2	0.132	U	0.132	2
bis(2-ethylhexyl)phthalate	117-81-7	TRG	5	0.183	U	0.183	2	0.183	U	0.183	2	0.183	U	0.183	2
Butylbenzylphthalate	85-68-7	TRG	50	0.19	U	0.19	2	0.19	U	0.19	2	0.19	U	0.19	2
Caprolactam	105-60-2	TRG		0.193	U	0.193	2	0.193	U	0.193	2	0.193	U	0.193	2
Carbazole	86-74-8	TRG		0.188	U	0.188	2	0.188	U	0.188	2	0.188	U	0.188	2
Chrysene	218-01-9	TRG	0.002	0.129	U	**0.129**	**2**	0.129	U	**0.129**	**2**	0.129	U	**0.129**	**2**
Dibenzofuran	132-64-9	TRG		0.12	U	0.12	2	0.12	U	0.12	2	0.12	U	0.12	2
Diethylphthalate	84-66-2	TRG	50	0.123	U	0.123	2	0.123	U	0.123	2	0.123	U	0.123	2
Dimethylphthalate	131-11-3	TRG	50	0.388	U	0.388	2	0.388	U	0.388	2	0.388	U	0.388	2
Di-n-butylphthalate	84-74-2	TRG	50	0.131	U	0.131	2	0.131	U	0.131	2	0.131	U	0.131	2
Di-n-octylphthalate	117-84-0	TRG	50	0.139	U	0.139	2	0.139	U	0.139	2	0.139	U	0.139	2
Fluoranthene	206-44-0	TRG	50	0.129	U	0.129	2	0.129	U	0.129	2	0.129	U	0.129	2
Fluorene	86-73-7	TRG	50	0.109	U	0.109	2	0.109	U	0.109	2	0.109	U	0.109	2
Hexachlorocyclopentadiene	77-47-4	TRG	5	0.205	U	0.205	2	0.205	U	0.205	2	0.205	U	0.205	2
Hexachloroethane	67-72-1	TRG	5	0.111	U	0.111	2	0.111	U	0.111	2	0.111	U	0.111	2
Isophorone	78-59-1	TRG	50	0.111	U	0.111	2	0.111	U	0.111	2	0.111	U	0.111	2
Naphthalene	91-20-3	TRG	10	0.0607	U	0.0607	2	0.0607	U	0.0607	2	0.0607	U	0.0607	2

Table 3.6 Summary of Groundwater Sample Results
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			NY Water Clean-up Objectives											
		Lab ID:	NYSDEC	**2070442-01**				**2070442-02**				**2070627-01**			
		Client ID:	TOGs	**MW1-1**				**MW2-1**				**MW4-1**			
		Date Sampled:	Class GA	**07/11/2022 15:00**				**07/11/2022 15:50**				**07/13/2022 09:30**			
		Matrix:		**Ground Water**				**Ground Water**				**Ground Water**			
Compound	**CAS#**	**Type**		**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**
Nitrobenzene	98-95-3	TRG	0.4	0.146	U	0.146	2	0.146	U	0.146	2	0.146	U	0.146	2
n-Nitroso-di-n-propylamine	621-64-7	TRG		0.13	U	0.13	2	0.13	U	0.13	2	0.13	U	0.13	2
n-Nitrosodiphenylamine	86-30-6	TRG	50	0.0626	U	0.0626	2	0.0626	U	0.0626	2	0.0626	U	0.0626	2
Phenanthrene	85-01-8	TRG	50	0.0725	U	0.0725	2	0.0725	U	0.0725	2	0.0725	U	0.0725	2
Phenol	108-95-2	TRG	2	0.0973	U	0.0973	2	0.0973	U	0.0973	2	0.0973	U	0.0973	2
Pyrene	129-00-0	TRG	50	0.115	U	0.115	2	0.115	U	0.115	2	0.115	U	0.115	2
Di(2-ethylhexyl)isophthalate	1000132-34-4	TIC													
Hexanoic acid	000142-62-1	TIC													
Nonanoic acid	000112-05-0	TIC													
Tentatively Identified Compounds	NA	TIC Total		0	J			0	J			0	J		
Total Metals (ug/L)-ADJ															
Aluminum	7429-90-5	TRG-ADJ	2000	**180**			100	**380**			100	**160**			100
Antimony	7440-36-0	TRG-ADJ	6	6	U		6	6	U		6				
Arsenic	7440-38-2	TRG-ADJ	50	2	U		2	2	U		2	2	U		2
Barium	7440-39-3	TRG-ADJ	2000	**136**			2	**695**			2	**249**			2
Beryllium	7440-41-7	TRG-ADJ	3	1	U		1	1	U		1	1	U		1
Cadmium	7440-43-9	TRG-ADJ	10	2	U		2	2	U		2	2	U		2
Calcium	7440-70-2	TRG-ADJ		**83100**			1000	**231000**			1000	**201000**			1000
Chromium	7440-47-3	TRG-ADJ	100	10	U		10	**50**			10	10	U		10
Cobalt	7440-48-4	TRG-ADJ		2	U		2	**3.37**			2	2	U		2
Copper	7440-50-8	TRG-ADJ	1000	**2.81**			2	**5.34**			2	**2.83**			2
Iron	7439-89-6	TRG-ADJ	600	**266**			200	**695**			200	**398**			200
Lead	7439-92-1	TRG-ADJ	50	2	U		2	2	U		2	2	U		2
Magnesium	7439-95-4	TRG-ADJ	35000	**26800**			2000	**48600**			2000	**70500**			2000
Manganese	7439-96-5	TRG-ADJ	600	**107**			2	**407**			2	**67.5**			2
Mercury	7439-97-6	TRG-ADJ	1.4	0.5	U		0.5	0.5	U		0.5	0.5	U		0.5
Nickel	7440-02-0	TRG-ADJ	200	2	U		2	**5.05**			2	**2.45**			2
Potassium	7440-09-7	TRG-ADJ		**7120**			4000	**11900**			4000	**8380**			4000
Selenium	7782-49-2	TRG-ADJ	20	6	U		6	6	U		6	6	U		6
Silver	7440-22-4	TRG-ADJ	100	2	U		2	2	U		2	2	U		2
Sodium	7440-23-5	TRG-ADJ		**380000**			2000	**926000**	D		20000				
Thallium	7440-28-0	TRG-ADJ	0.5	2	U		**2**	2	U		**2**	2	U		**2**
Vanadium	7440-62-2	TRG-ADJ		2	U		2	2	U		2	2	U		2
Zinc	7440-66-6	TRG-ADJ	5000	30	U		30	**55.5**			30	30	U		30
Volatile Organics - GC/MS (ug/L)															
1,1,1-Trichloroethane	71-55-6	TRG	5	0.216	U	0.216	1	0.216	U	0.216	1	0.216	U	0.216	1
1,1,2,2-Tetrachloroethane	79-34-5	TRG	5	0.218	U	0.218	1	0.218	U	0.218	1	0.218	U	0.218	1
1,1,2-Trichloro-1,2,2 Trifluoroethane	76-13-1	TRG	5	0.546	U	0.546	1	0.546	U	0.546	1	0.546	U	0.546	1

Table 3.6 Summary of Groundwater Sample Results
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			NY Water Clean-up Objectives											
		Lab ID:	NYSDEC	**2070442-01**				**2070442-02**				**2070627-01**			
		Client ID:	TOGs	**MW1-1**				**MW2-1**				**MW4-1**			
		Date Sampled:	Class GA	**07/11/2022 15:00**				**07/11/2022 15:50**				**07/13/2022 09:30**			
		Matrix:		**Ground Water**				**Ground Water**				**Ground Water**			
Compound	**CAS#**	**Type**		**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**
1,1,2-Trichloroethane	79-00-5	TRG	1	0.476	U	0.476	1	0.476	U	0.476	1	0.476	U	0.476	1
1,1-Dichloroethane	75-34-3	TRG	5	0.393	U	0.393	1	0.393	U	0.393	1	0.393	U	0.393	1
1,1-Dichloroethene	75-35-4	TRG	5	0.149	U	0.149	1	0.149	U	0.149	1	0.149	U	0.149	1
1,2,3-Trichlorobenzene	87-61-6	TRG	5	0.488	U	0.488	1	0.488	U	0.488	1	0.488	U	0.488	1
1,2,4-Trichlorobenzene	120-82-1	TRG	5	0.437	U	0.437	1	0.437	U	0.437	1	0.437	U	0.437	1
1,2,4-Trimethylbenzene	95-63-6	TRG		0.155	U	0.155	1	0.155	U	0.155	1	0.155	U	0.155	1
1,2-Dibromo-3-chloropropane	96-12-8	TRG	0.04	1.09	U	**1.09**	**2**	1.09	U	**1.09**	**2**	1.09	U	**1.09**	**2**
1,2-Dibromoethane	106-93-4	TRG	0.0006	0.32	U	**0.32**	**1**	0.32	U	**0.32**	**1**	0.32	U	**0.32**	**1**
1,2-Dichlorobenzene	95-50-1	TRG	3	0.21	U	0.21	1	0.21	U	0.21	1	0.21	U	0.21	1
1,2-Dichloroethane	107-06-2	TRG	0.6	0.306	U	0.306	1	0.306	U	0.306	1	**0.512**	J	0.306	1
1,2-Dichloropropane	78-87-5	TRG	1	0.267	U	0.267	1	0.267	U	0.267	1	0.267	U	0.267	1
1,3-Dichlorobenzene	541-73-1	TRG	3	0.287	U	0.287	1	0.287	U	0.287	1	0.287	U	0.287	1
1,4-Dichlorobenzene	106-46-7	TRG	3	0.238	U	0.238	1	0.238	U	0.238	1	0.238	U	0.238	1
2-Butanone	78-93-3	TRG	50	0.87	U	0.87	10	0.87	U	0.87	10	0.87	U	0.87	10
2-Hexanone	591-78-6	TRG	50	0.635	U	0.635	2	0.635	U	0.635	2	0.635	U	0.635	2
4-Methyl-2-pentanone	108-10-1	TRG		0.638	U	0.638	2	0.638	U	0.638	2	0.638	U	0.638	2
Acetone	67-64-1	TRG	50	0.419	U	0.419	10	0.419	U	0.419	10	0.419	U	0.419	10
Benzene	71-43-2	TRG	1	0.129	U	0.129	1	0.129	U	0.129	1	0.129	U	0.129	1
Bromochloromethane	74-97-5	TRG	5	0.307	U	0.307	1	0.307	U	0.307	1	0.307	U	0.307	1
Bromodichloromethane	75-27-4	TRG	50	0.258	U	0.258	1	0.258	U	0.258	1	0.258	U	0.258	1
Bromoform	75-25-2	TRG	50	0.421	U	0.421	1	0.421	U	0.421	1	0.421	U	0.421	1
Bromomethane	74-83-9	TRG	5	0.702	U	0.702	5	0.702	U	0.702	5	0.702	U	0.702	5
Carbon disulfide	75-15-0	TRG		0.477	U	0.477	1	0.477	U	0.477	1	0.477	U	0.477	1
Carbon Tetrachloride	56-23-5	TRG	5	0.372	U	0.372	1	0.372	U	0.372	1	0.372	U	0.372	1
Chlorobenzene	108-90-7	TRG	5	0.3	U	0.3	1	0.3	U	0.3	1	0.3	U	0.3	1
Chlorodibromomethane	124-48-1	TRG	50	0.504	U	0.504	1	0.504	U	0.504	1	0.504	U	0.504	1
Chloroethane	75-00-3	TRG	5	0.299	U	0.299	2	0.299	U	0.299	2	0.299	U	0.299	2
Chloroform	67-66-3	TRG	7	**0.713**	J	0.365	1	**6.4**		0.365	1	**8.21**		0.365	1
Chloromethane	74-87-3	TRG	5	0.758	U	0.758	1	0.758	U	0.758	1	0.758	U	0.758	1
cis-1,2-Dichloroethene	156-59-2	TRG	5	0.352	U	0.352	1	0.352	U	0.352	1	0.352	U	0.352	1
cis-1,3-Dichloropropene	10061-01-5	TRG	0.4	0.294	U	0.294	1	0.294	U	0.294	1	0.294	U	0.294	1
Cyclohexane	110-82-7	TRG		0.298	U	0.298	2	0.298	U	0.298	2	0.298	U	0.298	2
Dichlorodifluoromethane	75-71-8	TRG	5	0.328	U	0.328	2	0.328	U	0.328	2	0.328	U	0.328	2
EthylBenzene	100-41-4	TRG	5	0.244	U	0.244	1	0.244	U	0.244	1	0.244	U	0.244	1
Isopropylbenzene	98-82-8	TRG	5	0.275	U	0.275	1	0.275	U	0.275	1	0.275	U	0.275	1
m+p-Xylenes	179601-23-1	TRG	5	0.461	U	0.461	2	0.461	U	0.461	2	0.461	U	0.461	2
Methyl Acetate	79-20-9	TRG		0.373	U	0.373	1	0.373	U	0.373	1	0.373	U	0.373	1
Methyl tert-Butyl Ether	1634-04-4	TRG		0.596	U	0.596	1	0.596	U	0.596	1	**5.92**		0.596	1

Table 3.6 Summary of Groundwater Sample Results
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			NY Water Clean-up Objectives												
		Lab ID:	NYSDEC	**2070442-01**				**2070442-02**				**2070627-01**			
		Client ID:	TOGs	**MW1-1**				**MW2-1**				**MW4-1**			
		Date Sampled:	Class GA	**07/11/2022 15:00**				**07/11/2022 15:50**				**07/13/2022 09:30**			
		Matrix:		**Ground Water**				**Ground Water**				**Ground Water**			
Compound	**CAS#**	**Type**		**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**
Methylcyclohexane	108-87-2	TRG		0.222	U	0.222	1	0.222	U	0.222	1	0.222	U	0.222	1
Methylene Chloride	75-09-2	TRG	5	0.681	U	0.681	1	0.681	U	0.681	1	0.681	U	0.681	1
o-Xylene	95-47-6	TRG	5	0.244	U	0.244	1	0.244	U	0.244	1	0.244	U	0.244	1
Styrene	100-42-5	TRG	930	0.176	U	0.176	1	0.176	U	0.176	1	0.176	U	0.176	1
tert-Butyl alcohol	75-65-0	TRG		8.17	U	8.17	10	8.17	U	8.17	10	8.17	U	8.17	10
Tetrachloroethene	127-18-4	TRG	5	0.466	U	0.466	1	**0.597**	J	0.466	1	**1.12**		0.466	1
Toluene	108-88-3	TRG	5	0.205	U	0.205	1	0.205	U	0.205	1	0.205	U	0.205	1
Total Xylenes	1330-20-7	TRG	5	0.244	U	0.244	1	0.244	U	0.244	1	0.244	U	0.244	1
trans-1,2-Dichloroethene	156-60-5	TRG	5	0.241	U	0.241	1	0.241	U	0.241	1	0.241	U	0.241	1
trans-1,3-Dichloropropene	10061-02-6	TRG	0.4	0.279	U	0.279	1	0.279	U	0.279	1	0.279	U	0.279	1
Trichloroethene	79-01-6	TRG	5	0.146	U	0.146	1	0.146	U	0.146	1	**0.896**	J	0.146	1
Trichlorofluoromethane	75-69-4	TRG	5	0.413	U	0.413	1	0.413	U	0.413	1	0.413	U	0.413	1
Vinyl chloride	75-01-4	TRG	2	0.157	U	0.157	1	0.157	U	0.157	1	0.157	U	0.157	1
Tentatively Identified Compounds	NA	TIC Total		0	J			0	J			0	J		

Qualifiers:

U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.

Exceeds the AWQS

Table 3.6 Summary of Groundwater Sample Results
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			NY Water Clean-up Objectives											
		Lab ID:	NYSDEC	**2070627-02**				**2070627-03**				**2070627-04**			
		Client ID:	TOGs	**MW3-1**				**MW6-1**				**MW8-1**			
		Date Sampled:	Class GA	**07/13/2022 10:00**				**07/13/2022 13:45**				**07/13/2022 15:20**			
		Matrix:		**Ground Water**				**Ground Water**				**Ground Water**			
Compound	**CAS#**	**Type**		**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**
General Chemistry (ug/L)-ADJ															
Cyanide	57-12-5	TRG-ADJ		10	U		10	10	U		10	10	U		10
PCBs (ug/L)															
Aroclor-1016	12674-11-2	TRG	0.09	0.0497	U	0.0497	0.5	0.0497	U	0.0497	0.5	0.0497	U	0.0497	0.5
Aroclor-1221	11104-28-2	TRG	0.09	0.352	U	0.352	0.5	0.352	U	0.352	0.5	0.352	U	0.352	0.5
Aroclor-1232	11141-16-5	TRG	0.09	0.109	U	0.109	0.5	0.109	U	0.109	0.5	0.109	U	0.109	0.5
Aroclor-1242	53469-21-9	TRG	0.09	0.185	U	0.185	0.5	0.185	U	0.185	0.5	0.185	U	0.185	0.5
Aroclor-1248	12672-29-6	TRG	0.09	0.0933	U	0.0933	0.5	0.0933	U	0.0933	0.5	0.0933	U	0.0933	0.5
Aroclor-1254	11097-69-1	TRG	0.09	0.103	U	0.103	0.5	0.103	U	0.103	0.5	0.103	U	0.103	0.5
Aroclor-1260	11096-82-5	TRG	0.09	0.0784	U	0.0784	0.5	0.0784	U	0.0784	0.5	0.0784	U	0.0784	0.5
Aroclor-1262	37324-23-5	TRG	0.09	0.169	U	0.169	0.5	0.169	U	0.169	0.5	0.169	U	0.169	0.5
Aroclor-1268	11100-14-4	TRG	0.09	0.159	U	0.159	0.5	0.159	U	0.159	0.5	0.159	U	0.159	0.5
Total PCBs	1336-36-3	TRG		0.0497	U	0.0497	0.5	0.0497	U	0.0497	0.5	0.0497	U	0.0497	0.5
Per- and Polyfluorinated Alkyl Substances - LCMS (ng/L)-ADJ															
11Cl-PF3OUdS		TRG-ADJ		10	U		10	10	U		10	10	U		10
9Cl-PF3ONS		TRG-ADJ		10	U		10	10	U		10	10	U		10
HFPO-DA	13252-13-6	TRG-ADJ		10	U		10	10	U		10	10	U		10
NaDONA	958445-44-8	TRG-ADJ		10	U		10	10	U		10	10	U		10
NEtFOSAA	2991-50-6	TRG-ADJ		10	U		10	10	U		10	10	U		10
NMeFOSAA	2355-31-9	TRG-ADJ		10	U		10	10	U		10	10	U		10
PFBS	375-73-5	TRG-ADJ		10	U		10	10	U		10	10	U		10
PFDA	335-76-2	TRG-ADJ		10	U		10	10	U		10	10	U		10
PFDoA	307-55-1	TRG-ADJ		10	U		10	10	U		10	10	U		10
PFHpA	375-85-9	TRG-ADJ		**15**			10	10	U		10	10	U		10
PFHxA	307-24-4	TRG-ADJ		**18.2**			10	**13.8**			10	**12.5**			10
PFHxS	355-46-4	TRG-ADJ		10	U		10	10	U		10	10	U		10
PFNA	375-95-1	TRG-ADJ		10	U		10	10	U		10	10	U		10
PFOA	335-67-1	TRG-ADJ	10	**22**			10	**11.3**			10	**18.4**			10
PFOS	1763-23-1	TRG-ADJ	10	10	U		10	10	U		10	10	U		10
PFTA	376-06-7	TRG-ADJ		10	U		10	10	U		10	10	U		10
PFUnA	2058-94-8	TRG-ADJ		10	U		10	10	U		10	10	U		10
Pesticides (ug/L)															
4,4'-DDD	72-54-8	TRG	0.3	0.000378	U	0.000378	0.02	0.000378	U	0.000378	0.02	0.000378	U	0.000378	0.02
4,4'-DDE	72-55-9	TRG	0.2	0.000234	U	0.000234	0.02	0.000234	U	0.000234	0.02	0.000234	U	0.000234	0.02
4,4'-DDT	50-29-3	TRG	0.2	0.000319	U	0.000319	0.02	0.000319	U	0.000319	0.02	0.000319	U	0.000319	0.02
Aldrin	309-00-2	TRG		0.000527	U	0.000527	0.02	0.000527	U	0.000527	0.02	0.000527	U	0.000527	0.02
alpha-BHC	319-84-6	TRG	0.01	0.000255	U	0.000255	0.02	0.000255	U	0.000255	0.02	0.000255	U	0.000255	0.02
beta-BHC	319-85-7	TRG	0.04	0.000371	U	0.000371	0.02	0.000371	U	0.000371	0.02	0.000371	U	0.000371	0.02

Table 3.6 Summary of Groundwater Sample Results
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			NY Water Clean-up Objectives											
		Lab ID:	NYSDEC	**2070627-02**				**2070627-03**				**2070627-04**			
		Client ID:	TOGs	**MW3-1**				**MW6-1**				**MW8-1**			
		Date Sampled:	Class GA	**07/13/2022 10:00**				**07/13/2022 13:45**				**07/13/2022 15:20**			
		Matrix:		**Ground Water**				**Ground Water**				**Ground Water**			
Compound	**CAS#**	**Type**		**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**
Chlordane	57-74-9	TRG	0.05	0.000327	U	0.000327	0.05	0.000327	U	0.000327	0.05	0.000327	U	0.000327	0.05
delta-BHC	319-86-8	TRG	0.04	0.00032	U	0.00032	0.02	0.00032	U	0.00032	0.02	0.00032	U	0.00032	0.02
Dieldrin	60-57-1	TRG	0.004	0.000271	U	0.000271	0.02	0.000271	U	0.000271	0.02	0.000271	U	0.000271	0.02
Endosulfan I	959-98-8	TRG		0.00038	U	0.00038	0.02	0.00038	U	0.00038	0.02	0.00038	U	0.00038	0.02
Endosulfan II	33213-65-9	TRG		0.000254	U	0.000254	0.02	0.000254	U	0.000254	0.02	0.000254	U	0.000254	0.02
Endosulfan sulfate	1031-07-8	TRG		0.000138	U	0.000138	0.02	0.000138	U	0.000138	0.02	0.000138	U	0.000138	0.02
Endrin	72-20-8	TRG		0.000229	U	0.000229	0.02	0.000229	U	0.000229	0.02	0.000229	U	0.000229	0.02
Endrin aldehyde	7421-93-4	TRG	5	0.000318	U	0.000318	0.02	0.000318	U	0.000318	0.02	0.000318	U	0.000318	0.02
Endrin ketone	53494-70-5	TRG	5	0.000203	U	0.000203	0.02	0.000203	U	0.000203	0.02	0.000203	U	0.000203	0.02
gamma-BHC (Lindane)	58-89-9	TRG	0.05	0.000241	U	0.000241	0.02	0.000241	U	0.000241	0.02	0.000241	U	0.000241	0.02
Heptachlor	76-44-8	TRG	0.04	0.000563	U	0.000563	0.02	0.000563	U	0.000563	0.02	0.000563	U	0.000563	0.02
Heptachlor Epoxide	1024-57-3	TRG	0.03	0.000302	U	0.000302	0.02	0.000302	U	0.000302	0.02	0.000302	U	0.000302	0.02
Methoxychlor	72-43-5	TRG	35	0.000343	U	0.000343	0.02	0.000343	U	0.000343	0.02	0.000343	U	0.000343	0.02
Toxaphene	8001-35-2	TRG	0.06	0.0237	U	0.0237	0.2	0.0237	U	0.0237	0.2	0.0237	U	0.0237	0.2
Semivolatile Organics - GC/MS - SIM (ug/L)															
1,4-Dioxane	123-91-1	TRG		0.0092	U	0.0092	0.02								
Benzo(a)anthracene	56-55-3	TRG	0.002	0.075	U	0.075	0.1	0.075	U	0.075	0.1	0.075	U	0.075	0.1
Benzo(a)pyrene	50-32-8	TRG		0.075	U	0.075	0.1	0.075	U	0.075	0.1	0.075	U	0.075	0.1
Benzo(b)fluoranthene	205-99-2	TRG	0.002	0.075	U	0.075	0.1	0.075	U	0.075	0.1	0.075	U	0.075	0.1
Benzo(k)fluoranthene	207-08-9	TRG	0.002	0.075	U	0.075	0.1	0.075	U	0.075	0.1	0.075	U	0.075	0.1
Dibenzo(a,h)anthracene	53-70-3	TRG		0.075	U	0.075	0.1	0.075	U	0.075	0.1	0.075	U	0.075	0.1
Hexachlorobenzene	118-74-1	TRG	0.04	0.0062	U	0.0062	0.01	0.0062	U	0.0062	0.01	0.0062	U	0.0062	0.01
Hexachlorobutadiene	87-68-3	TRG	0.5	0.0099	U	0.0099	0.02	0.0099	U	0.0099	0.02	0.0099	U	0.0099	0.02
Indeno(1,2,3-cd)pyrene	193-39-5	TRG	0.002	0.075	U	0.075	0.1	0.075	U	0.075	0.1	0.075	U	0.075	0.1
n-Nitroso-dimethylamine	62-75-9	TRG		0.0096	U	0.0096	0.02	0.0096	U	0.0096	0.02	0.0096	U	0.0096	0.02
Pentachlorophenol	87-86-5	TRG	2	0.0089	U	0.0089	0.02	0.0089	U	0.0089	0.02	0.0089	U	0.0089	0.02
Semivolatile Organics - GC/MS (ug/L)															
2,3,4,6-Tetrachlorophenol	58-90-2	TRG	2	0.21	U	0.21	2	0.21	U	0.21	2	0.21	U	0.21	2
2,4,5-Trichlorophenol	95-95-4	TRG	2	0.0438	U	0.0438	2	0.0438	U	0.0438	2	0.0438	U	0.0438	2
2,4,6-Trichlorophenol	88-06-2	TRG	2	0.137	U	0.137	2	0.137	U	0.137	2	0.137	U	0.137	2
2,4-Dichlorophenol	120-83-2	TRG	2	0.152	U	0.152	2	0.152	U	0.152	2	0.152	U	0.152	2
2,4-Dimethylphenol	105-67-9	TRG	2	0.179	U	0.179	2	0.179	U	0.179	2	0.179	U	0.179	2
2,4-Dinitrophenol	51-28-5	TRG	2	0.326	U	0.326	5	0.326	U	0.326	5	0.326	U	0.326	5
2,4-Dinitrotoluene	121-14-2	TRG	5	0.108	U	0.108	2	0.108	U	0.108	2	0.108	U	0.108	2
2,6-Dinitrotoluene	606-20-2	TRG	5	0.143	U	0.143	2	0.143	U	0.143	2	0.143	U	0.143	2
2-Chloronaphthalene	91-58-7	TRG	10	0.122	U	0.122	2	0.122	U	0.122	2	0.122	U	0.122	2
2-Chlorophenol	95-57-8	TRG	2	0.111	U	0.111	2	0.111	U	0.111	2	0.111	U	0.111	2
2-Methylnaphthalene	91-57-6	TRG		0.103	U	0.103	3	0.103	U	0.103	3	0.103	U	0.103	3
2-Methylphenol	95-48-7	TRG	2	0.155	U	0.155	2	0.155	U	0.155	2	0.155	U	0.155	2

Table 3.6 Summary of Groundwater Sample Results
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			NY Water Clean-up Objectives												
		Lab ID:	NYSDEC	**2070627-02**				**2070627-03**				**2070627-04**			
		Client ID:	TOGs	**MW3-1**				**MW6-1**				**MW8-1**			
		Date Sampled:	Class GA	**07/13/2022 10:00**				**07/13/2022 13:45**				**07/13/2022 15:20**			
		Matrix:		**Ground Water**				**Ground Water**				**Ground Water**			
Compound	**CAS#**	**Type**		**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**
2-Nitroaniline	88-74-4	TRG	5	0.101	U	0.101	2	0.101	U	0.101	2	0.101	U	0.101	2
2-Nitrophenol	88-75-5	TRG	2	0.162	U	0.162	2	0.162	U	0.162	2	0.162	U	0.162	2
3,3'-Dichlorobenzidine	91-94-1	TRG	5	0.11	U	0.11	2	0.11	U	0.11	2	0.11	U	0.11	2
3+4-Methylphenol	65794-96-9	TRG	2	0.122	U	0.122	2	0.122	U	0.122	2	0.122	U	0.122	2
3-Nitroaniline	99-09-2	TRG	5	0.134	U	0.134	2	0.134	U	0.134	2	0.134	U	0.134	2
4,6-Dinitro-2-methylphenol	534-52-1	TRG	2	0.0793	U	0.0793	2	0.0793	U	0.0793	2	0.0793	U	0.0793	2
4-Bromophenyl-phenyl ether	101-55-3	TRG		0.191	U	0.191	2	0.191	U	0.191	2	0.191	U	0.191	2
4-Chloro-3-methylphenol	59-50-7	TRG	2	0.141	U	0.141	2	0.141	U	0.141	2	0.141	U	0.141	2
4-Chloroaniline	106-47-8	TRG	5	0.162	U	0.162	2	0.162	U	0.162	2	0.162	U	0.162	2
4-Chlorophenyl phenyl ether	7005-72-3	TRG		0.136	U	0.136	2	0.136	U	0.136	2	0.136	U	0.136	2
4-Nitroaniline	100-01-6	TRG	5	0.0868	U	0.0868	2	0.0868	U	0.0868	2	0.0868	U	0.0868	2
4-Nitrophenol	100-02-7	TRG	2	0.168	U	0.168	2	0.168	U	0.168	2	0.168	U	0.168	2
Acenaphthene	83-32-9	TRG	20	0.1	U	0.1	2	0.1	U	0.1	2	0.1	U	0.1	2
Acenaphthylene	208-96-8	TRG		0.14	U	0.14	2	0.14	U	0.14	2	0.14	U	0.14	2
Acetophenone	98-86-2	TRG		0.17	U	0.17	2	0.17	U	0.17	2	0.17	U	0.17	2
Anthracene	120-12-7	TRG	50	0.121	U	0.121	2	0.121	U	0.121	2	0.121	U	0.121	2
Atrazine	1912-24-9	TRG	7.5	0.0861	U	0.0861	2	0.0861	U	0.0861	2	0.0861	U	0.0861	2
Benzaldehyde	100-52-7	TRG		0.134	U	0.134	2	0.134	U	0.134	2	0.134	U	0.134	2
Benzo(g,h,i)perylene	191-24-2	TRG		0.0652	U	0.0652	2	0.0652	U	0.0652	2	0.0652	U	0.0652	2
Biphenyl	92-52-4	TRG	5	0.106	U	0.106	2	0.106	U	0.106	2	0.106	U	0.106	2
bis(2-chloroethoxy)methane	111-91-1	TRG	5	0.112	U	0.112	2	0.112	U	0.112	2	0.112	U	0.112	2
bis(2-chloroethyl)ether	111-44-4	TRG	1	0.121	U	0.121	2	0.121	U	0.121	2	0.121	U	0.121	2
bis(2-chloroisopropyl)ether	108-60-1	TRG	5	0.132	U	0.132	2	0.132	U	0.132	2	0.132	U	0.132	2
bis(2-ethylhexyl)phthalate	117-81-7	TRG	5	0.183	U	0.183	2	0.183	U	0.183	2	0.183	U	0.183	2
Butylbenzylphthalate	85-68-7	TRG	50	0.19	U	0.19	2	0.19	U	0.19	2	0.19	U	0.19	2
Caprolactam	105-60-2	TRG		0.193	U	0.193	2	0.193	U	0.193	2	0.193	U	0.193	2
Carbazole	86-74-8	TRG		0.188	U	0.188	2	0.188	U	0.188	2	0.188	U	0.188	2
Chrysene	218-01-9	TRG	0.002	0.129	U	**0.129**	**2**	0.129	U	**0.129**	**2**	0.129	U	**0.129**	**2**
Dibenzofuran	132-64-9	TRG		0.12	U	0.12	2	0.12	U	0.12	2	0.12	U	0.12	2
Diethylphthalate	84-66-2	TRG	50	0.123	U	0.123	2	**0.496**	J	0.123	2	0.123	U	0.123	2
Dimethylphthalate	131-11-3	TRG	50	0.388	U	0.388	2	0.388	U	0.388	2	0.388	U	0.388	2
Di-n-butylphthalate	84-74-2	TRG	50	0.131	U	0.131	2	0.131	U	0.131	2	0.131	U	0.131	2
Di-n-octylphthalate	117-84-0	TRG	50	0.139	U	0.139	2	0.139	U	0.139	2	0.139	U	0.139	2
Fluoranthene	206-44-0	TRG	50	0.129	U	0.129	2	0.129	U	0.129	2	0.129	U	0.129	2
Fluorene	86-73-7	TRG	50	0.109	U	0.109	2	0.109	U	0.109	2	0.109	U	0.109	2
Hexachlorocyclopentadiene	77-47-4	TRG	5	0.205	U	0.205	2	0.205	U	0.205	2	0.205	U	0.205	2
Hexachloroethane	67-72-1	TRG	5	0.111	U	0.111	2	0.111	U	0.111	2	0.111	U	0.111	2
Isophorone	78-59-1	TRG	50	0.111	U	0.111	2	0.111	U	0.111	2	0.111	U	0.111	2
Naphthalene	91-20-3	TRG	10	0.0607	U	0.0607	2	0.0607	U	0.0607	2	0.0607	U	0.0607	2

Table 3.6 Summary of Groundwater Sample Results
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			NY Water Clean-up Objectives											
		Lab ID:	NYSDEC	**2070627-02**				**2070627-03**				**2070627-04**			
		Client ID:	TOGs	**MW3-1**				**MW6-1**				**MW8-1**			
		Date Sampled:	Class GA	**07/13/2022 10:00**				**07/13/2022 13:45**				**07/13/2022 15:20**			
		Matrix:		**Ground Water**				**Ground Water**				**Ground Water**			
Compound	**CAS#**	**Type**		**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**
Nitrobenzene	98-95-3	TRG	0.4	0.146	U	0.146	2	0.146	U	0.146	2	0.146	U	0.146	2
n-Nitroso-di-n-propylamine	621-64-7	TRG		0.13	U	0.13	2	0.13	U	0.13	2	0.13	U	0.13	2
n-Nitrosodiphenylamine	86-30-6	TRG	50	0.0626	U	0.0626	2	0.0626	U	0.0626	2	0.0626	U	0.0626	2
Phenanthrene	85-01-8	TRG	50	0.0725	U	0.0725	2	0.0725	U	0.0725	2	0.0725	U	0.0725	2
Phenol	108-95-2	TRG	2	0.0973	U	0.0973	2	0.0973	U	0.0973	2	0.0973	U	0.0973	2
Pyrene	129-00-0	TRG	50	0.115	U	0.115	2	0.115	U	0.115	2	0.115	U	0.115	2
Di(2-ethylhexyl)isophthalate	1000132-34-4	TIC		**15.3**	J										
Hexanoic acid	000142-62-1	TIC						**7.75**	J						
Nonanoic acid	000112-05-0	TIC						**8.1**	J						
Tentatively Identified Compounds	NA	TIC Total		**15.3**	J			**15.9**	J			0	J		
Total Metals (ug/L)-ADJ															
Aluminum	7429-90-5	TRG-ADJ	2000	100	U		100	**180**			100	**120**			100
Antimony	7440-36-0	TRG-ADJ	6												
Arsenic	7440-38-2	TRG-ADJ	50	2	U		2	2	U		2	2	U		2
Barium	7440-39-3	TRG-ADJ	2000	**198**			2	**194**			2	**187**			2
Beryllium	7440-41-7	TRG-ADJ	3	1	U		1	1	U		1	1	U		1
Cadmium	7440-43-9	TRG-ADJ	10	2	U		2	2	U		2	2	U		2
Calcium	7440-70-2	TRG-ADJ		**114000**			1000	**146000**			1000	**120000**			1000
Chromium	7440-47-3	TRG-ADJ	100	10	U		10	**25.1**			10	10	U		10
Cobalt	7440-48-4	TRG-ADJ		2	U		2	**8.44**			2	**15.8**			2
Copper	7440-50-8	TRG-ADJ	1000	2	U		2	**7.25**			2	**2.92**			2
Iron	7439-89-6	TRG-ADJ	600	**295**			200	**324**			200	200	U		200
Lead	7439-92-1	TRG-ADJ	50	2	U		2	2	U		2	2	U		2
Magnesium	7439-95-4	TRG-ADJ	35000	**34000**			2000	**58800**			2000	**50700**			2000
Manganese	7439-96-5	TRG-ADJ	600	**777**			2	**433**			2	**878**			2
Mercury	7439-97-6	TRG-ADJ	1.4	0.5	U		0.5	0.5	U		0.5	0.5	U		0.5
Nickel	7440-02-0	TRG-ADJ	200	2	U		2	**6.91**			2	**10.1**			2
Potassium	7440-09-7	TRG-ADJ		**11500**			4000	**8640**			4000	**7340**			4000
Selenium	7782-49-2	TRG-ADJ	20	**8.49**			6	6	U		6	6	U		6
Silver	7440-22-4	TRG-ADJ	100	2	U		2	2	U		2	2	U		2
Sodium	7440-23-5	TRG-ADJ													
Thallium	7440-28-0	TRG-ADJ	0.5	2	U		**2**	2	U		**2**	2	U		**2**
Vanadium	7440-62-2	TRG-ADJ		2	U		2	2	U		2	2	U		2
Zinc	7440-66-6	TRG-ADJ	5000	30	U		30	30	U		30	30	U		30
Volatile Organics - GC/MS (ug/L)															
1,1,1-Trichloroethane	71-55-6	TRG	5	0.216	U	0.216	1	0.216	U	0.216	1	0.216	U	0.216	1
1,1,2,2-Tetrachloroethane	79-34-5	TRG	5	0.218	U	0.218	1	0.218	U	0.218	1	0.218	U	0.218	1
1,1,2-Trichloro-1,2,2 Trifluoroethane	76-13-1	TRG	5	0.546	U	0.546	1	0.546	U	0.546	1	0.546	U	0.546	1

Table 3.6 Summary of Groundwater Sample Results
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			NY Water Clean-up Objectives												
		Lab ID:	NYSDEC	**2070627-02**				**2070627-03**				**2070627-04**			
		Client ID:	TOGs	**MW3-1**				**MW6-1**				**MW8-1**			
		Date Sampled:	Class GA	**07/13/2022 10:00**				**07/13/2022 13:45**				**07/13/2022 15:20**			
		Matrix:		**Ground Water**				**Ground Water**				**Ground Water**			
Compound	**CAS#**	**Type**		**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**
1,1,2-Trichloroethane	79-00-5	TRG	1	0.476	U	0.476	1	0.476	U	0.476	1	0.476	U	0.476	1
1,1-Dichloroethane	75-34-3	TRG	5	0.393	U	0.393	1	0.393	U	0.393	1	0.393	U	0.393	1
1,1-Dichloroethene	75-35-4	TRG	5	0.149	U	0.149	1	0.149	U	0.149	1	0.149	U	0.149	1
1,2,3-Trichlorobenzene	87-61-6	TRG	5	0.488	U	0.488	1	0.488	U	0.488	1	0.488	U	0.488	1
1,2,4-Trichlorobenzene	120-82-1	TRG	5	0.437	U	0.437	1	0.437	U	0.437	1	0.437	U	0.437	1
1,2,4-Trimethylbenzene	95-63-6	TRG		**1.08**		0.155	1	0.155	U	0.155	1	0.155	U	0.155	1
1,2-Dibromo-3-chloropropane	96-12-8	TRG	0.04	1.09	U	**1.09**	**2**	1.09	U	**1.09**	**2**	1.09	U	**1.09**	**2**
1,2-Dibromoethane	106-93-4	TRG	0.0006	0.32	U	**0.32**	**1**	0.32	U	**0.32**	**1**	0.32	U	**0.32**	**1**
1,2-Dichlorobenzene	95-50-1	TRG	3	0.21	U	0.21	1	0.21	U	0.21	1	0.21	U	0.21	1
1,2-Dichloroethane	107-06-2	TRG	0.6	0.306	U	0.306	1	0.306	U	0.306	1	0.306	U	0.306	1
1,2-Dichloropropane	78-87-5	TRG	1	0.267	U	0.267	1	0.267	U	0.267	1	0.267	U	0.267	1
1,3-Dichlorobenzene	541-73-1	TRG	3	0.287	U	0.287	1	0.287	U	0.287	1	0.287	U	0.287	1
1,4-Dichlorobenzene	106-46-7	TRG	3	0.238	U	0.238	1	0.238	U	0.238	1	0.238	U	0.238	1
2-Butanone	78-93-3	TRG	50	0.87	U	0.87	10	0.87	U	0.87	10	0.87	U	0.87	10
2-Hexanone	591-78-6	TRG	50	0.635	U	0.635	2	0.635	U	0.635	2	0.635	U	0.635	2
4-Methyl-2-pentanone	108-10-1	TRG		0.638	U	0.638	2	0.638	U	0.638	2	0.638	U	0.638	2
Acetone	67-64-1	TRG	50	0.419	U	0.419	10	0.419	U	0.419	10	0.419	U	0.419	10
Benzene	71-43-2	TRG	1	0.129	U	0.129	1	0.129	U	0.129	1	0.129	U	0.129	1
Bromochloromethane	74-97-5	TRG	5	0.307	U	0.307	1	0.307	U	0.307	1	0.307	U	0.307	1
Bromodichloromethane	75-27-4	TRG	50	0.258	U	0.258	1	0.258	U	0.258	1	0.258	U	0.258	1
Bromoform	75-25-2	TRG	50	0.421	U	0.421	1	0.421	U	0.421	1	0.421	U	0.421	1
Bromomethane	74-83-9	TRG	5	0.702	U	0.702	5	0.702	U	0.702	5	0.702	U	0.702	5
Carbon disulfide	75-15-0	TRG		0.477	U	0.477	1	0.477	U	0.477	1	0.477	U	0.477	1
Carbon Tetrachloride	56-23-5	TRG	5	0.372	U	0.372	1	0.372	U	0.372	1	0.372	U	0.372	1
Chlorobenzene	108-90-7	TRG	5	0.3	U	0.3	1	0.3	U	0.3	1	0.3	U	0.3	1
Chlorodibromomethane	124-48-1	TRG	50	0.504	U	0.504	1	0.504	U	0.504	1	0.504	U	0.504	1
Chloroethane	75-00-3	TRG	5	0.299	U	0.299	2	0.299	U	0.299	2	0.299	U	0.299	2
Chloroform	67-66-3	TRG	7	0.365	U	0.365	1	**8.98**		0.365	1	**1.52**		0.365	1
Chloromethane	74-87-3	TRG	5	0.758	U	0.758	1	0.758	U	0.758	1	0.758	U	0.758	1
cis-1,2-Dichloroethene	156-59-2	TRG	5	0.352	U	0.352	1	0.352	U	0.352	1	0.352	U	0.352	1
cis-1,3-Dichloropropene	10061-01-5	TRG	0.4	0.294	U	0.294	1	0.294	U	0.294	1	0.294	U	0.294	1
Cyclohexane	110-82-7	TRG		0.298	U	0.298	2	0.298	U	0.298	2	0.298	U	0.298	2
Dichlorodifluoromethane	75-71-8	TRG	5	0.328	U	0.328	2	0.328	U	0.328	2	0.328	U	0.328	2
EthylBenzene	100-41-4	TRG	5	**4.4**		0.244	1	0.244	U	0.244	1	0.244	U	0.244	1
Isopropylbenzene	98-82-8	TRG	5	**3.37**		0.275	1	0.275	U	0.275	1	0.275	U	0.275	1
m+p-Xylenes	179601-23-1	TRG	5	**2.02**		0.461	2	0.461	U	0.461	2	0.461	U	0.461	2
Methyl Acetate	79-20-9	TRG		0.373	U	0.373	1	0.373	U	0.373	1	0.373	U	0.373	1
Methyl tert-Butyl Ether	1634-04-4	TRG		0.596	U	0.596	1	0.596	U	0.596	1	0.596	U	0.596	1

Table 3.6 Summary of Groundwater Sample Results
Hope Fire Engine Company Site
BCP No. 360219
25 Lexington Ave.
White Plains, New York

			NY Water Clean-up Objectives												
		Lab ID:	NYSDEC	**2070627-02**				**2070627-03**				**2070627-04**			
		Client ID:	TOGs	**MW3-1**				**MW6-1**				**MW8-1**			
		Date Sampled:	Class GA	**07/13/2022 10:00**				**07/13/2022 13:45**				**07/13/2022 15:20**			
		Matrix:		**Ground Water**				**Ground Water**				**Ground Water**			
Compound	**CAS#**	**Type**		**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**	**Result**	**Qualifier**		**RL**
Methylcyclohexane	108-87-2	TRG		0.222	U	0.222	1	0.222	U	0.222	1	0.222	U	0.222	1
Methylene Chloride	75-09-2	TRG	5	0.681	U	0.681	1	0.681	U	0.681	1	0.681	U	0.681	1
o-Xylene	95-47-6	TRG	5	0.244	U	0.244	1	0.244	U	0.244	1	0.244	U	0.244	1
Styrene	100-42-5	TRG	930	0.176	U	0.176	1	0.176	U	0.176	1	0.176	U	0.176	1
tert-Butyl alcohol	75-65-0	TRG		8.17	U	8.17	10	8.17	U	8.17	10	8.17	U	8.17	10
Tetrachloroethene	127-18-4	TRG	5	0.466	U	0.466	1	**0.714**	J	0.466	1	0.466	U	0.466	1
Toluene	108-88-3	TRG	5	**0.524**	J	0.205	1	**0.738**	J	0.205	1	0.205	U	0.205	1
Total Xylenes	1330-20-7	TRG	5	**2.02**		0.244	1	0.244	U	0.244	1	0.244	U	0.244	1
trans-1,2-Dichloroethene	156-60-5	TRG	5	0.241	U	0.241	1	0.241	U	0.241	1	0.241	U	0.241	1
trans-1,3-Dichloropropene	10061-02-6	TRG	0.4	0.279	U	0.279	1	0.279	U	0.279	1	0.279	U	0.279	1
Trichloroethene	79-01-6	TRG	5	0.146	U	0.146	1	0.146	U	0.146	1	0.146	U	0.146	1
Trichlorofluoromethane	75-69-4	TRG	5	0.413	U	0.413	1	0.413	U	0.413	1	0.413	U	0.413	1
Vinyl chloride	75-01-4	TRG	2	0.157	U	0.157	1	0.157	U	0.157	1	0.157	U	0.157	1
Tentatively Identified Compounds	NA	TIC Total		0	J			0	J			0	J		

Qualifiers:

U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.

Exceeds the AWQS