APPENDIX Z

95% Statistical Analysis of Conditional Track 1 End Point Results

Section 6.4.1 - ProUCL 95% Confidence Statistical Analysis

Forty (40) endpoint samples represent the soil dataset for the soil remaining in the conditional Track 1 area. Although the large majority of data meet the NYSDEC Part 375 Unrestricted Use SCOs, endpoint data results indicated four locations where the NYSDEC Part 375 Unrestricted Use SCO was exceeded. This statistical evaluation was performed to determine appropriate bounds for the Conditional Track 1 area for the Former FO Pierce Site located at 2-33 50th Avenue, in Long Island City, New York. The proposed Conditional Track 1 area encompasses a contiguous area covering the northern portion of the Site. The analytical dataset utilized for the background statistics is presented in Attachment 1, and encompasses all final, endpoint samples used to delineate the Conditional Track 1 area. These points include bottom endpoint samples associated with each Waste Characterization grid, as well as all supplemental bottom and side wall endpoint samples used to delineate all areas that required additional over excavations. Bottom endpoints EP-1 through EP-20, as well as sidewall endpoints SW-9 through SW-21, are included in Attachment 1. Data from parent samples, and related duplicate samples, were used for all statistical analyses described herein. In instances where sample results reported "Non-Detect," the Reporting Limit value was used in its place for the purpose of these calculations.

All statistical tests described below were performed using the most recent version of USEPA's ProUCL software, version 5.2 and in accordance with the ProUCL guidance document. The results of these analyses are tabulated in Table 1 below. Supporting documentation generated from ProUCL is included as Attachment 2.

For each contaminant of potential concern (COPC), the maximum detected concentration from the dataset was compared with the NYSDEC Part 375 Unrestricted Use SCO ("the SCO"). Only parameters that exceeded the SCO in one or more samples were retained for additional analyses. For each of these parameters, the 95% upper confidence limit of the mean concentration ($UCL95_{mean}$) was calculated for the Conditional Track 1 area of the Site. The $UCL95_{mean}$ provides a conservative estimate of the central tendency of each dataset. The results of these analyses are recorded in Table 1 below. Parameters with the $UCL95_{mean}$ for All Grids exceeding the SCO were retained as COPCs.

Table 1

Parameter	Units	NYSDEC Part 375 Unrestricted Use SCOs (SCOs)	$UCL95_{mean}$ for All Grids	Does $ULC95_{mean}$ Meet UUSCOs?
VOC				
Acetone	mg/kg	0.050	0.050	Yes
SVOC				
Benzo(A)Anthracene	mg/kg	1	0.5	Yes
Benzo(A)Pyrene	mg/kg	1	0.6	Yes
Benzo(B)Fluoranthene	mg/kg	1	0.8	Yes
Benzo(K)Fluoranthene	mg/kg	0.8	0.2	Yes
Chrysene	mg/kg	1	0.3	Yes
Dibenz(A,H)Anthracene	mg/kg	0.33	0.10	Yes
Indeno[1,2,3-C,D]pyrene	mg/kg	5	0.18	Yes
METALS				
Lead	mg/kg	63	21	Yes
Mercury	mg/kg	0.18	0.91	Yes

As shown in Table 1, all $UCL95_{mean}$ values calculated for the select COPCs included, have met NYSDEC Part 375 Unrestricted Use SCOs under a 95% confidence upper limit analysis and this portion of the site is protective of human health and the environment in accordance with a Track 1 Cleanup.

Attachment 1

Analytical Data

Notes Utilized Throughout Tables	
Soil Tables	
J -	Estimated value
J+ -	Estimated value, high bias
J- -	Estimated value, low bias
P -	The RPD between the results for the two columns exceeds the method-specified criteria
RPD -	Relative Percent Difference
R -	Sample results rejected by validator
U -	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit
UJ -	Analyte was not detected. The associated reported quantitation limit is an estimate
ft bls -	Feet below land surface
FD -	Duplicate sample
NA -	Compound was not analyzed for by laboratory
mg/kg -	Milligrams per kilogram
ng/g -	Nanograms per gram
NYSDEC -	New York State Department of Environmental Conservation
SCO -	Soil Cleanup Objectives
--	No SCO available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use SCO	
Shaded data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO	
Per- and Polyfluoroalkyl Substances (PFAS)	
GV -	Guidance Values
EMPC -	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample
Bold data indicates that parameter exceeded the NYSDEC Unrestricted Use Guidance Values	
Shaded data indicates that parameter exceeded the NYSDEC Restricted Residential Guidance Values	
TCLP Tables	
mg/L -	Milligrams per liter
USEPA -	United States Environmental Protection Agency
TCLP -	Toxicity Characteristic Leaching Procedure
USEPA Regulatory Levels - United States Environmental Protection	
	Agency Limits for RCRA Characteristic Waste for Toxicity
RCRA -	Resource Conservation and Recovery Act
Bold -	Parameter was detected above USEPA Regulatory Levels
Groundwater Tables	
J -	Estimated Value
U -	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit
R -	Sample results rejected by validator
µg/L -	Micrograms per liter
NYSDEC -	New York State Department of Environmental Conservation
AWQSGVs -	Ambient Water-Quality Standards and Guidance Values
--	No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs	

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-1	EP-2	EP-3	EP-4	EP-5
			Sample Date:	11/29/2022	11/28/2022	11/29/2022	02/09/2023	12/08/2022
			Sample Depth (ft bls):	13 - 15	13 - 15	9 - 11	16 - 18	10 - 12
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
1,1,1,2-Tetrachloroethane	--	--	MG/KG	0.00064 U	0.00061 U	0.00062 U	0.00068 U	0.032 U
1,1,1-Trichloroethane (TCA)	0.68	100	MG/KG	0.00064 U	0.00061 U	0.00062 U	0.00068 U	0.032 U
1,1,2,2-Tetrachloroethane	--	--	MG/KG	0.00064 U	0.00061 U	0.00062 U	0.00068 U	0.032 U
1,1,2-Trichloroethane	--	--	MG/KG	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.064 U
1,1-Dichloroethane	0.27	26	MG/KG	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.064 U
1,1-Dichloroethene	0.33	100	MG/KG	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.064 U
1,1-Dichloropropene	--	--	MG/KG	0.00064 U	0.00061 U	0.00062 U	0.00068 U	0.032 U
1,2,3-Trichlorobenzene	--	--	MG/KG	0.0026 U	0.0024 U	0.0025 U	0.0027 U	0.13 U
1,2,3-Trichloropropane	--	--	MG/KG	0.0026 U	0.0024 U	0.0025 U	0.0027 U	0.13 U
1,2,4,5-Tetramethylbenzene	--	--	MG/KG	0.00044 J	0.0024 U	0.042	0.055	2.2
1,2,4-Trichlorobenzene	--	--	MG/KG	0.0026 U	0.0024 U	0.0025 U	0.0027 U	0.13 U
1,2,4-Trimethylbenzene	3.6	52	MG/KG	0.0012 J	0.0024 U	0.01	0.049	0.13 U
1,2-Dibromo-3-Chloropropane	--	--	MG/KG	0.0038 U	0.0036 U	0.0037 U	0.0041 U	0.19 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	MG/KG	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.064 U
1,2-Dichlorobenzene	1.1	100	MG/KG	0.0026 U	0.0024 U	0.0025 U	0.0027 U	0.13 U
1,2-Dichloroethane	0.02	3.1	MG/KG	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.064 U
1,2-Dichloropropane	--	--	MG/KG	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.064 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	MG/KG	0.00027 J	0.0024 U	0.0014 J	0.024	0.13 U
1,3-Dichlorobenzene	2.4	49	MG/KG	0.0026 U	0.0024 U	0.0025 U	0.0027 U	0.13 U
1,3-Dichloropropane	--	--	MG/KG	0.0026 U	0.0024 U	0.0025 U	0.0027 U	0.13 U
1,4-Dichlorobenzene	1.8	13	MG/KG	0.0026 U	0.0024 U	0.0025 U	0.0027 U	0.13 U
1,4-Diethyl Benzene	--	--	MG/KG	0.0026 U	0.0024 U	0.011	0.01	0.69
1,4-Dioxane (P-Dioxane)	0.1	13	MG/KG	0.1 U	0.097 U	0.099 U	0.11 U	5.1 U
2,2-Dichloropropane	--	--	MG/KG	0.0026 U	0.0024 U	0.0025 U	0.0027 U	0.13 U
2-Chlorotoluene	--	--	MG/KG	0.0026 U	0.0024 U	0.0025 U	0.0027 U	0.13 U
2-Hexanone	--	--	MG/KG	0.013 U	0.012 U	0.012 U	0.014 U	0.64 U
4-Chlorotoluene	--	--	MG/KG	0.0026 U	0.0024 U	0.0025 U	0.0027 U	0.13 U
4-Ethyltoluene	--	--	MG/KG	0.0026 U	0.0024 U	0.00069 J	0.018	0.13 U
Acetone	0.05	100	MG/KG	0.033	0.028	0.049	**0.091**	0.64 U
Acrylonitrile	--	--	MG/KG	0.0051 U	0.0048 U	0.005 U	0.0054 U	0.25 U
Benzene	0.06	4.8	MG/KG	0.00064 U	0.00061 U	0.0007	0.0096	0.032 U
Bromobenzene	--	--	MG/KG	0.0026 U	0.0024 U	0.0025 U	0.0027 U	0.13 U

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-1	EP-2	EP-3	EP-4	EP-5
			Sample Date:	11/29/2022	11/28/2022	11/29/2022	02/09/2023	12/08/2022
			Sample Depth (ft bls):	13 - 15	13 - 15	9 - 11	16 - 18	10 - 12
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Bromochloromethane	--	--	MG/KG	0.0026 U	0.0024 U	0.0025 U	0.0027 U	0.13 U
Bromodichloromethane	--	--	MG/KG	0.00064 U	0.00061 U	0.00062 U	0.00068 U	0.032 U
Bromoform	--	--	MG/KG	0.0051 U	0.0048 U	0.005 U	0.0054 U	0.25 U
Bromomethane	--	--	MG/KG	0.0026 U	0.0024 U	0.0025 U	0.0027 U	0.13 U
Carbon Disulfide	--	--	MG/KG	0.011 J	0.0056 J	0.018	0.014 U	0.64 U
Carbon Tetrachloride	0.76	2.4	MG/KG	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.064 U
Chlorobenzene	1.1	100	MG/KG	0.00064 U	0.00061 U	0.00062 U	0.0013	0.032 U
Chloroethane	--	--	MG/KG	0.0026 U	0.0024 U	0.0025 U	0.0027 U	0.13 U
Chloroform	0.37	49	MG/KG	0.0019 U	0.0018 U	0.0019 U	0.002 U	0.096 U
Chloromethane	--	--	MG/KG	0.0051 U	0.0048 U	0.005 U	0.0054 U	0.25 U
Cis-1,2-Dichloroethylene	0.25	100	MG/KG	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.064 U
Cis-1,3-Dichloropropene	--	--	MG/KG	0.00064 U	0.00061 U	0.00062 U	0.00068 U	0.032 U
Cymene	--	--	MG/KG	0.0013 U	0.0012 U	0.0067	0.032	0.064 U
Dibromochloromethane	--	--	MG/KG	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.064 U
Dibromomethane	--	--	MG/KG	0.0026 U	0.0024 U	0.0025 U	0.0027 U	0.13 U
Dichlorodifluoromethane	--	--	MG/KG	0.013 U	0.012 U	0.012 U	0.014 U	0.64 U
Dichloroethylenes	--	--	MG/KG	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.064 U
Diethyl Ether (Ethyl Ether)	--	--	MG/KG	0.0026 U	0.0024 U	0.0025 U	0.0027 U	0.13 U
Ethylbenzene	1	41	MG/KG	0.00018 J	0.0012 U	0.00089 J	0.0054	0.064 U
Hexachlorobutadiene	--	--	MG/KG	0.0051 U	0.0048 U	0.005 U	0.0054 U	0.25 U
Isopropylbenzene (Cumene)	--	--	MG/KG	0.001 J	0.00019 J	0.004	0.012	0.73
m,p-Xylene	--	--	MG/KG	0.0033	0.0012 J	0.0031	0.059	0.13 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	MG/KG	0.0066 J	0.01 J	0.015	0.0096 J	0.64 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	MG/KG	0.013 U	0.012 U	0.012 U	0.014 U	0.64 U
Methylene Chloride	0.05	100	MG/KG	0.0064 U	0.0061 U	0.0062 U	0.0068 U	0.32 U
Naphthalene	12	100	MG/KG	0.0026 J	0.0048 U	0.018	0.14 J	0.13 J
N-Butylbenzene	12	100	MG/KG	0.0013 U	0.0012 U	0.0081	0.01	1.3
N-Propylbenzene	3.9	100	MG/KG	0.00036 J	0.0012 U	0.0083	0.012	1.6
O-Xylene (1,2-Dimethylbenzene)	--	--	MG/KG	0.0023	0.0012 U	0.0041	0.027	0.064 U
Sec-Butylbenzene	11	100	MG/KG	0.00019 J	0.0012 U	0.0074	0.017	1.8
Styrene	--	--	MG/KG	0.0013 U	0.0012 U	0.0012 U	0.0041	0.064 U
T-Butylbenzene	5.9	100	MG/KG	0.00047 J	0.00019 J	0.0035	0.0062	0.24

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			Sample Date:	11/29/2022	11/28/2022	11/29/2022	02/09/2023	12/08/2022
			Sample Depth (ft bls):	13 - 15	13 - 15	9 - 11	16 - 18	10 - 12
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Tert-Butyl Methyl Ether	0.93	100	MG/KG	0.0026 U	0.0024 U	0.0025 U	0.0027 U	0.13 U
Tetrachloroethylene (PCE)	1.3	19	MG/KG	0.00064 U	0.00061 U	0.00062 U	0.00068 U	0.032 U
Toluene	0.7	100	MG/KG	0.0013 U	0.0012 U	0.0012 U	0.025	0.064 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	MG/KG	0.00064 U	0.00061 U	0.00062 U	0.00068 U	0.032 U
Trans-1,2-Dichloroethene	0.19	100	MG/KG	0.0019 U	0.0018 U	0.0019 U	0.002 U	0.096 U
Trans-1,3-Dichloropropene	--	--	MG/KG	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.064 U
Trans-1,4-Dichloro-2-Butene	--	--	MG/KG	0.0064 U	0.0061 U	0.0062 U	0.0068 U	0.32 U
Trichloroethylene (TCE)	0.47	21	MG/KG	0.00064 U	0.00061 U	0.00062 U	0.00068 U	0.032 U
Trichlorofluoromethane	--	--	MG/KG	0.0051 U	0.0048 U	0.005 U	0.0054 U	0.25 U
Vinyl Acetate	--	--	MG/KG	0.013 U	0.012 U	0.012 U	0.014 U	0.64 U
Vinyl Chloride	0.02	0.9	MG/KG	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.064 U
Xylenes	0.26	100	MG/KG	0.0056	0.0012 J	0.0072	0.086	0.064 U

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-6	EP-7	EP-8	EP-9	EP-9
			Sample Date:	11/08/2022	12/01/2022	10/20/2022	12/01/2022	12/01/2022
			Sample Depth (ft bls):	11 - 13	8 - 10	10 - 12	11 - 13	11 - 13
			Normal Sample or Field Duplicate:	N	N	N	N	FD
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
1,1,1,2-Tetrachloroethane	--	--	MG/KG	0.69 U	0.00063 U	0.00064 U	0.00059 U	0.0008 U
1,1,1-Trichloroethane (TCA)	0.68	100	MG/KG	0.69 U	0.00063 U	0.00064 U	0.00059 U	0.0008 U
1,1,2,2-Tetrachloroethane	--	--	MG/KG	0.69 U	0.00063 U	0.00064 U	0.00059 U	0.0008 U
1,1,2-Trichloroethane	--	--	MG/KG	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0016 U
1,1-Dichloroethane	0.27	26	MG/KG	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0016 U
1,1-Dichloroethene	0.33	100	MG/KG	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0016 U
1,1-Dichloropropene	--	--	MG/KG	0.69 U	0.00063 U	0.00064 U	0.00059 U	0.0008 U
1,2,3-Trichlorobenzene	--	--	MG/KG	2.8 U	0.0025 U	0.0026 U	0.0023 U	0.0032 U
1,2,3-Trichloropropane	--	--	MG/KG	2.8 U	0.0025 U	0.0026 U	0.0023 U	0.0032 U
1,2,4,5-Tetramethylbenzene	--	--	MG/KG	11	0.0025 U	0.01	0.00086 J	0.0032 U
1,2,4-Trichlorobenzene	--	--	MG/KG	2.8 U	0.0025 U	0.0026 U	0.0023 U	0.0032 U
1,2,4-Trimethylbenzene	3.6	52	MG/KG	2.8 U	0.0025 U	0.0026 U	0.0026	0.001 J
1,2-Dibromo-3-Chloropropane	--	--	MG/KG	4.1 U	0.0038 U	0.0038 U	0.0035 U	0.0048 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	MG/KG	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0016 U
1,2-Dichlorobenzene	1.1	100	MG/KG	2.8 U	0.0025 U	0.0026 U	0.0023 U	0.0032 U
1,2-Dichloroethane	0.02	3.1	MG/KG	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0016 U
1,2-Dichloropropane	--	--	MG/KG	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0016 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	MG/KG	2.8 U	0.0025 U	0.00027 J	0.0027	0.0021 J
1,3-Dichlorobenzene	2.4	49	MG/KG	2.8 U	0.0025 U	0.0026 U	0.0023 U	0.0032 U
1,3-Dichloropropane	--	--	MG/KG	2.8 U	0.0025 U	0.0026 U	0.0023 U	0.0032 U
1,4-Dichlorobenzene	1.8	13	MG/KG	2.8 U	0.0025 U	0.0026 U	0.0023 U	0.0032 U
1,4-Diethyl Benzene	--	--	MG/KG	2.2 J	0.0025 U	0.0022 J	0.0023 U	0.0032 U
1,4-Dioxane (P-Dioxane)	0.1	13	MG/KG	110 U	0.1 U	0.1 U	0.094 U	0.13 U
2,2-Dichloropropane	--	--	MG/KG	2.8 U	0.0025 U	0.0026 U	0.0023 U	0.0032 U
2-Chlorotoluene	--	--	MG/KG	2.8 U	0.0025 U	0.0026 U	0.0023 U	0.0032 U
2-Hexanone	--	--	MG/KG	14 U	0.013 U	0.013 U	0.012 U	0.016 U
4-Chlorotoluene	--	--	MG/KG	2.8 U	0.0025 U	0.0026 U	0.0023 U	0.0032 U
4-Ethyltoluene	--	--	MG/KG	2.8 U	0.0025 U	0.0026 U	0.0014 J	0.0032 U
Acetone	0.05	100	MG/KG	14 U	0.013 U	0.0088 J	0.007 J	0.016
Acrylonitrile	--	--	MG/KG	5.5 U	0.005 U	0.0051 U	0.0047 U	0.0064 U
Benzene	0.06	4.8	MG/KG	0.69 U	0.00063 U	0.00064 U	0.00059 U	0.0008 U
Bromobenzene	--	--	MG/KG	2.8 U	0.0025 U	0.0026 U	0.0023 U	0.0032 U

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-6	EP-7	EP-8	EP-9	EP-9
			Sample Date:	11/08/2022	12/01/2022	10/20/2022	12/01/2022	12/01/2022
			Sample Depth (ft bls):	11 - 13	8 - 10	10 - 12	11 - 13	11 - 13
			Normal Sample or Field Duplicate:	N	N	N	N	FD
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Bromochloromethane	--	--	MG/KG	2.8 U	0.0025 U	0.0026 U	0.0023 U	0.0032 U
Bromodichloromethane	--	--	MG/KG	0.69 U	0.00063 U	0.00064 U	0.00059 U	0.0008 U
Bromoform	--	--	MG/KG	5.5 U	0.005 U	0.0051 U	0.0047 U	0.0064 U
Bromomethane	--	--	MG/KG	2.8 U	0.0025 U	0.0026 U	0.0023 U	0.0032 U
Carbon Disulfide	--	--	MG/KG	14 U	0.013 U	0.013 U	0.012 U	0.016 U
Carbon Tetrachloride	0.76	2.4	MG/KG	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0016 U
Chlorobenzene	1.1	100	MG/KG	0.69 U	0.00063 U	0.00064 U	0.00059 U	0.0008 U
Chloroethane	--	--	MG/KG	2.8 U	0.0025 U	0.0026 U	0.0023 U	0.0032 U
Chloroform	0.37	49	MG/KG	2.1 U	0.0019 U	0.0019 U	0.0018 U	0.0024 U
Chloromethane	--	--	MG/KG	5.5 U	0.005 U	0.0051 U	0.0047 U	0.0064 U
Cis-1,2-Dichloroethylene	0.25	100	MG/KG	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0016 U
Cis-1,3-Dichloropropene	--	--	MG/KG	0.69 U	0.00063 U	0.00064 U	0.00059 U	0.0008 U
Cymene	--	--	MG/KG	1.4 U	0.00019 J	0.00025 J	0.0043	0.0029
Dibromochloromethane	--	--	MG/KG	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0016 U
Dibromomethane	--	--	MG/KG	2.8 U	0.0025 U	0.0026 U	0.0023 U	0.0032 U
Dichlorodifluoromethane	--	--	MG/KG	14 U	0.013 U	0.013 U	0.012 U	0.016 U
Dichloroethylenes	--	--	MG/KG	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0016 U
Diethyl Ether (Ethyl Ether)	--	--	MG/KG	2.8 U	0.0025 U	0.0026 U	0.0023 U	0.0032 U
Ethylbenzene	1	41	MG/KG	1.4 U	0.0013 U	0.0002 J	0.00031 J	0.0016 U
Hexachlorobutadiene	--	--	MG/KG	5.5 U	0.005 U	0.0051 U	0.0047 U	0.0064 U
Isopropylbenzene (Cumene)	--	--	MG/KG	1.4 U	0.0013 U	0.0013 U	0.00027 J	0.0016 U
m,p-Xylene	--	--	MG/KG	2.8 U	0.0025 U	0.0026 U	0.0009 J	0.0032 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	MG/KG	14 U	0.013 U	0.0036 J	0.012 U	0.016 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	MG/KG	14 U	0.013 U	0.013 U	0.012 U	0.016 U
Methylene Chloride	0.05	100	MG/KG	6.9 U	0.0063 U	0.0064 U	0.0059 U	0.008 U
Naphthalene	12	100	MG/KG	5.5 U	0.005 U	0.0013 J	0.0048	0.0064 U
N-Butylbenzene	12	100	MG/KG	1.4 U	0.0013 U	0.0013 U	0.00039 J	0.0016 U
N-Propylbenzene	3.9	100	MG/KG	1.4 U	0.0013 U	0.0013 U	0.00054 J	0.0016 U
O-Xylene (1,2-Dimethylbenzene)	--	--	MG/KG	1.4 U	0.0013 U	0.0013 U	0.00076 J	0.00053 J
Sec-Butylbenzene	11	100	MG/KG	0.35 J	0.0013 U	0.0013 U	0.0005 J	0.00036 J
Styrene	--	--	MG/KG	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0016 U
T-Butylbenzene	5.9	100	MG/KG	1.2 J	0.0025 U	0.0012 J	0.00054 J	0.0011 J

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-6	EP-7	EP-8	EP-9	EP-9
			Sample Date:	11/08/2022	12/01/2022	10/20/2022	12/01/2022	12/01/2022
			Sample Depth (ft bls):	11 - 13	8 - 10	10 - 12	11 - 13	11 - 13
			Normal Sample or Field Duplicate:	N	N	N	N	FD
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Tert-Butyl Methyl Ether	0.93	100	MG/KG	2.8 U	0.0025 U	0.0026 U	0.0023 U	0.0032 U
Tetrachloroethylene (PCE)	1.3	19	MG/KG	0.69 U	0.00063 U	0.00064 U	0.00081	0.0008 U
Toluene	0.7	100	MG/KG	1.4 U	0.0013 U	0.0013	0.0012 U	0.0016 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	MG/KG	0.69 U	0.00063 U	0.00064 U	0.00059 U	0.0008 U
Trans-1,2-Dichloroethene	0.19	100	MG/KG	2.1 U	0.0019 U	0.0019 U	0.0018 U	0.0024 U
Trans-1,3-Dichloropropene	--	--	MG/KG	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0016 U
Trans-1,4-Dichloro-2-Butene	--	--	MG/KG	6.9 U	0.0063 U	0.0064 U	0.0059 U	0.008 U
Trichloroethylene (TCE)	0.47	21	MG/KG	0.69 U	0.00063 U	0.00064 U	0.00059 U	0.0008 U
Trichlorofluoromethane	--	--	MG/KG	5.5 U	0.005 U	0.0051 U	0.0047 U	0.0064 U
Vinyl Acetate	--	--	MG/KG	14 U	0.013 U	0.013 U	0.012 U	0.016 U
Vinyl Chloride	0.02	0.9	MG/KG	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0016 U
Xylenes	0.26	100	MG/KG	1.4 U	0.0013 U	0.0013 U	0.0017 J	0.00053 J

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-10	EP-11	EP-12	EP-13	EP-14
			Sample Date:	11/08/2022	10/20/2022	11/08/2022	12/01/2022	11/08/2022
			Sample Depth (ft bls):	14 - 16	13 - 15	14 - 16	14 - 16	14 - 16
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
1,1,1,2-Tetrachloroethane	--	--	MG/KG	0.00056 U	0.00064 U	0.00066 U	0.00086 U	0.00052 U
1,1,1-Trichloroethane (TCA)	0.68	100	MG/KG	0.00056 U	0.00064 U	0.00066 U	0.00086 U	0.00052 U
1,1,2,2-Tetrachloroethane	--	--	MG/KG	0.00056 U	0.00064 U	0.00066 U	0.00086 U	0.00052 U
1,1,2-Trichloroethane	--	--	MG/KG	0.0011 U	0.0013 U	0.0013 U	0.0017 U	0.001 U
1,1-Dichloroethane	0.27	26	MG/KG	0.0011 U	0.0013 U	0.0013 U	0.0017 U	0.001 U
1,1-Dichloroethene	0.33	100	MG/KG	0.0011 U	0.0013 U	0.0013 U	0.0017 U	0.001 U
1,1-Dichloropropene	--	--	MG/KG	0.00056 U	0.00064 U	0.00066 U	0.00086 U	0.00052 U
1,2,3-Trichlorobenzene	--	--	MG/KG	0.0022 U	0.0026 U	0.0026 U	0.0034 U	0.0021 U
1,2,3-Trichloropropane	--	--	MG/KG	0.0022 U	0.0026 U	0.0026 U	0.0034 U	0.0021 U
1,2,4,5-Tetramethylbenzene	--	--	MG/KG	0.0022 U	0.0062	0.0026 U	0.0034 U	0.0021 U
1,2,4-Trichlorobenzene	--	--	MG/KG	0.0022 U	0.0026 U	0.0026 U	0.0034 U	0.0021 U
1,2,4-Trimethylbenzene	3.6	52	MG/KG	0.0022 U	0.00087 J	0.0026 U	0.0034 U	0.0021 U
1,2-Dibromo-3-Chloropropane	--	--	MG/KG	0.0034 U	0.0039 U	0.004 U	0.0052 U	0.0031 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	MG/KG	0.0011 U	0.0013 U	0.0013 U	0.0017 U	0.001 U
1,2-Dichlorobenzene	1.1	100	MG/KG	0.0022 U	0.0026 U	0.0026 U	0.0034 U	0.0021 U
1,2-Dichloroethane	0.02	3.1	MG/KG	0.0011 U	0.0013 U	0.0013 U	0.0017 U	0.001 U
1,2-Dichloropropane	--	--	MG/KG	0.0011 U	0.0013 U	0.0013 U	0.0017 U	0.001 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	MG/KG	0.0022 U	0.0016 J	0.0026 U	0.0034 U	0.0021 U
1,3-Dichlorobenzene	2.4	49	MG/KG	0.0022 U	0.0026 U	0.0026 U	0.0034 U	0.0021 U
1,3-Dichloropropane	--	--	MG/KG	0.0022 U	0.0026 U	0.0026 U	0.0034 U	0.0021 U
1,4-Dichlorobenzene	1.8	13	MG/KG	0.0022 U	0.0026 U	0.0026 U	0.0034 U	0.0021 U
1,4-Diethyl Benzene	--	--	MG/KG	0.0022 U	0.0009 J	0.0026 U	0.0034 U	0.0021 U
1,4-Dioxane (P-Dioxane)	0.1	13	MG/KG	0.09 U	0.1 U	0.11 U	0.14 U	0.082 U
2,2-Dichloropropane	--	--	MG/KG	0.0022 U	0.0026 U	0.0026 U	0.0034 U	0.0021 U
2-Chlorotoluene	--	--	MG/KG	0.0022 U	0.0026 U	0.0026 U	0.0034 U	0.0021 U
2-Hexanone	--	--	MG/KG	0.011 U	0.013 U	0.013 U	0.017 U	0.01 U
4-Chlorotoluene	--	--	MG/KG	0.0022 U	0.0026 U	0.0026 U	0.0034 U	0.0021 U
4-Ethyltoluene	--	--	MG/KG	0.0022 U	0.00057 J	0.0026 U	0.0034 U	0.0021 U
Acetone	0.05	100	MG/KG	0.027	0.013 U	0.014	0.0099 J	0.01
Acrylonitrile	--	--	MG/KG	0.0045 U	0.0052 U	0.0053 U	0.0069 U	0.0041 U
Benzene	0.06	4.8	MG/KG	0.00056 U	0.00064 U	0.00066 U	0.00086 U	0.00018 J
Bromobenzene	--	--	MG/KG	0.0022 U	0.0026 U	0.0026 U	0.0034 U	0.0021 U

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-10	EP-11	EP-12	EP-13	EP-14
			Sample Date:	11/08/2022	10/20/2022	11/08/2022	12/01/2022	11/08/2022
			Sample Depth (ft bls):	14 - 16	13 - 15	14 - 16	14 - 16	14 - 16
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Bromochloromethane	--	--	MG/KG	0.0022 U	0.0026 U	0.0026 U	0.0034 U	0.0021 U
Bromodichloromethane	--	--	MG/KG	0.00056 U	0.00064 U	0.00066 U	0.00086 U	0.00052 U
Bromoform	--	--	MG/KG	0.0045 U	0.0052 U	0.0053 U	0.0069 U	0.0041 U
Bromomethane	--	--	MG/KG	0.0022 U	0.0026 U	0.0026 U	0.0034 U	0.0021 U
Carbon Disulfide	--	--	MG/KG	0.011 U	0.013 U	0.013 U	0.014 J	0.01 U
Carbon Tetrachloride	0.76	2.4	MG/KG	0.0011 U	0.0013 U	0.0013 U	0.0017 U	0.001 U
Chlorobenzene	1.1	100	MG/KG	0.00056 U	0.00064 U	0.00066 U	0.00086 U	0.00052 U
Chloroethane	--	--	MG/KG	0.0022 U	0.0026 U	0.0026 U	0.0034 U	0.0021 U
Chloroform	0.37	49	MG/KG	0.0017 U	0.0019 U	0.002 U	0.0026 U	0.0015 U
Chloromethane	--	--	MG/KG	0.0045 U	0.0052 U	0.0053 U	0.0069 U	0.0041 U
Cis-1,2-Dichloroethylene	0.25	100	MG/KG	0.0011 U	0.0013 U	0.0013 U	0.0017 U	0.001 U
Cis-1,3-Dichloropropene	--	--	MG/KG	0.00056 U	0.00064 U	0.00066 U	0.00086 U	0.00052 U
Cymene	--	--	MG/KG	0.0011 U	0.0015	0.00023 J	0.0017 U	0.01
Dibromochloromethane	--	--	MG/KG	0.0011 U	0.0013 U	0.0013 U	0.0017 U	0.001 U
Dibromomethane	--	--	MG/KG	0.0022 U	0.0026 U	0.0026 U	0.0034 U	0.0021 U
Dichlorodifluoromethane	--	--	MG/KG	0.011 U	0.013 U	0.013 U	0.017 U	0.01 U
Dichloroethylenes	--	--	MG/KG	0.0011 U	0.0013 U	0.0013 U	0.0017 U	0.001 U
Diethyl Ether (Ethyl Ether)	--	--	MG/KG	0.0022 U	0.0026 U	0.0026 U	0.0034 U	0.0021 U
Ethylbenzene	1	41	MG/KG	0.0011 U	0.00075 J	0.0013 U	0.0017 U	0.00018 J
Hexachlorobutadiene	--	--	MG/KG	0.0045 U	0.0052 U	0.0053 U	0.0069 U	0.0041 U
Isopropylbenzene (Cumene)	--	--	MG/KG	0.0011 U	0.0013 U	0.0013 U	0.0017 U	0.001 U
m,p-Xylene	--	--	MG/KG	0.0022 U	0.0026 U	0.0026 U	0.0034 U	0.0021 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	MG/KG	0.011 U	0.013 U	0.013 U	0.017 U	0.01 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	MG/KG	0.011 U	0.013 U	0.013 U	0.017 U	0.01 U
Methylene Chloride	0.05	100	MG/KG	0.0056 U	0.0064 U	0.0066 U	0.0086 U	0.0052 U
Naphthalene	12	100	MG/KG	0.0045 U	0.0056	0.0053 U	0.0069 U	0.0041 U
N-Butylbenzene	12	100	MG/KG	0.0011 U	0.0013 U	0.0013 U	0.0017 U	0.001 U
N-Propylbenzene	3.9	100	MG/KG	0.0011 U	0.0013 U	0.0013 U	0.0017 U	0.001 U
O-Xylene (1,2-Dimethylbenzene)	--	--	MG/KG	0.0011 U	0.00051 J	0.0013 U	0.0017 U	0.001 U
Sec-Butylbenzene	11	100	MG/KG	0.0011 U	0.0013 U	0.0013 U	0.0017 U	0.001 U
Styrene	--	--	MG/KG	0.0011 U	0.0013 U	0.0013 U	0.0017 U	0.001 U
T-Butylbenzene	5.9	100	MG/KG	0.0022 U	0.00091 J	0.0026 U	0.0034 U	0.0021 U

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-10	EP-11	EP-12	EP-13	EP-14
			Sample Date:	11/08/2022	10/20/2022	11/08/2022	12/01/2022	11/08/2022
			Sample Depth (ft bls):	14 - 16	13 - 15	14 - 16	14 - 16	14 - 16
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Tert-Butyl Methyl Ether	0.93	100	MG/KG	0.0022 U	0.0026 U	0.0013 J	0.0034 U	0.00029 J
Tetrachloroethylene (PCE)	1.3	19	MG/KG	0.0019	0.00064 U	0.00066 U	0.00086 U	0.00052 U
Toluene	0.7	100	MG/KG	0.0011 U	0.0016	0.00092 J	0.0017 U	0.0007 J
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	MG/KG	0.00056 U	0.00064 U	0.00066 U	0.00086 U	0.00052 U
Trans-1,2-Dichloroethene	0.19	100	MG/KG	0.0017 U	0.0019 U	0.002 U	0.0026 U	0.0015 U
Trans-1,3-Dichloropropene	--	--	MG/KG	0.0011 U	0.0013 U	0.0013 U	0.0017 U	0.001 U
Trans-1,4-Dichloro-2-Butene	--	--	MG/KG	0.0056 U	0.0064 U	0.0066 U	0.0086 U	0.0052 U
Trichloroethylene (TCE)	0.47	21	MG/KG	0.00056 U	0.00064 U	0.00066 U	0.00086 U	0.00052 U
Trichlorofluoromethane	--	--	MG/KG	0.0045 U	0.0052 U	0.0053 U	0.0069 U	0.0041 U
Vinyl Acetate	--	--	MG/KG	0.011 U	0.013 U	0.013 U	0.017 U	0.01 U
Vinyl Chloride	0.02	0.9	MG/KG	0.0011 U	0.0013 U	0.0013 U	0.0017 U	0.001 U
Xylenes	0.26	100	MG/KG	0.0011 U	0.00051 J	0.0013 U	0.0017 U	0.001 U

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-15	EP-16	EP-17	EP-18	EP-19
			Sample Date:	10/07/2022	10/07/2022	10/07/2022	12/08/2022	10/07/2022
			Sample Depth (ft bls):	6 - 8	9 - 11	9 - 11	13 - 15	8 - 10
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
1,1,1,2-Tetrachloroethane	--	--	MG/KG	0.00083 U	0.0008 U	0.00055 U	0.035 U	0.00075 U
1,1,1-Trichloroethane (TCA)	0.68	100	MG/KG	0.00083 U	0.0008 U	0.00055 U	0.035 U	0.00075 U
1,1,2,2-Tetrachloroethane	--	--	MG/KG	0.00083 U	0.0008 U	0.00055 U	0.035 U	0.00075 U
1,1,2-Trichloroethane	--	--	MG/KG	0.0017 U	0.0016 U	0.0011 U	0.069 U	0.0015 U
1,1-Dichloroethane	0.27	26	MG/KG	0.0017 U	0.0016 U	0.0011 U	0.069 U	0.0015 U
1,1-Dichloroethene	0.33	100	MG/KG	0.0017 U	0.0016 U	0.0011 U	0.069 U	0.0015 U
1,1-Dichloropropene	--	--	MG/KG	0.00083 U	0.0008 U	0.00055 U	0.035 U	0.00075 U
1,2,3-Trichlorobenzene	--	--	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.14 U	0.003 U
1,2,3-Trichloropropane	--	--	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.14 U	0.003 U
1,2,4,5-Tetramethylbenzene	--	--	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.042 J	0.003 U
1,2,4-Trichlorobenzene	--	--	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.14 U	0.003 U
1,2,4-Trimethylbenzene	3.6	52	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.086 J	0.003 U
1,2-Dibromo-3-Chloropropane	--	--	MG/KG	0.005 U	0.0048 U	0.0033 U	0.21 U	0.0045 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	MG/KG	0.0017 U	0.0016 U	0.0011 U	0.069 U	0.0015 U
1,2-Dichlorobenzene	1.1	100	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.14 U	0.003 U
1,2-Dichloroethane	0.02	3.1	MG/KG	0.0017 U	0.0016 U	0.0011 U	0.069 U	0.0015 U
1,2-Dichloropropane	--	--	MG/KG	0.0017 U	0.0016 U	0.0011 U	0.069 U	0.0015 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.058 J	0.003 U
1,3-Dichlorobenzene	2.4	49	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.14 U	0.003 U
1,3-Dichloropropane	--	--	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.14 U	0.003 U
1,4-Dichlorobenzene	1.8	13	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.14 U	0.003 U
1,4-Diethyl Benzene	--	--	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.14 U	0.003 U
1,4-Dioxane (P-Dioxane)	0.1	13	MG/KG	0.13 U	0.13 U	0.089 U	5.5 U	0.12 U
2,2-Dichloropropane	--	--	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.14 U	0.003 U
2-Chlorotoluene	--	--	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.14 U	0.003 U
2-Hexanone	--	--	MG/KG	0.017 U	0.016 U	0.011 U	0.69 U	0.015 U
4-Chlorotoluene	--	--	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.14 U	0.003 U
4-Ethyltoluene	--	--	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.044 J	0.003 U
Acetone	0.05	100	MG/KG	0.012 J	0.018	0.011 U	**0.43 J**	0.025
Acrylonitrile	--	--	MG/KG	0.0067 U	0.0064 U	0.0044 U	0.28 U	0.006 U
Benzene	0.06	4.8	MG/KG	0.00083 U	0.0008 U	0.00055 U	0.035 U	0.00075 U
Bromobenzene	--	--	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.14 U	0.003 U

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-15	EP-16	EP-17	EP-18	EP-19
			Sample Date:	10/07/2022	10/07/2022	10/07/2022	12/08/2022	10/07/2022
			Sample Depth (ft bls):	6 - 8	9 - 11	9 - 11	13 - 15	8 - 10
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Bromochloromethane	--	--	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.14 U	0.003 U
Bromodichloromethane	--	--	MG/KG	0.00083 U	0.0008 U	0.00055 U	0.035 U	0.00075 U
Bromoform	--	--	MG/KG	0.0067 U	0.0064 U	0.0044 U	0.28 U	0.006 U
Bromomethane	--	--	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.14 U	0.003 U
Carbon Disulfide	--	--	MG/KG	0.017 U	0.016 U	0.011 U	0.69 U	0.0091 J
Carbon Tetrachloride	0.76	2.4	MG/KG	0.0017 U	0.0016 U	0.0011 U	0.069 U	0.0015 U
Chlorobenzene	1.1	100	MG/KG	0.00083 U	0.0008 U	0.00055 U	0.035 U	0.00075 U
Chloroethane	--	--	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.14 U	0.003 U
Chloroform	0.37	49	MG/KG	0.0025 U	0.0024 U	0.0017 U	0.1 U	0.0022 U
Chloromethane	--	--	MG/KG	0.0067 U	0.0064 U	0.0044 U	0.28 U	0.006 U
Cis-1,2-Dichloroethylene	0.25	100	MG/KG	0.0017 U	0.0016 U	0.0011 U	0.069 U	0.0015 U
Cis-1,3-Dichloropropene	--	--	MG/KG	0.00083 U	0.0008 U	0.00055 U	0.035 U	0.00075 U
Cymene	--	--	MG/KG	0.0017 U	0.0016 U	0.0011 U	0.35	0.0015 U
Dibromochloromethane	--	--	MG/KG	0.0017 U	0.0016 U	0.0011 U	0.069 U	0.0015 U
Dibromomethane	--	--	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.14 U	0.003 U
Dichlorodifluoromethane	--	--	MG/KG	0.017 U	0.016 U	0.011 U	0.69 U	0.015 U
Dichloroethylenes	--	--	MG/KG	0.0017 U	0.0016 U	0.0011 U	0.069 U	0.0015 U
Diethyl Ether (Ethyl Ether)	--	--	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.14 U	0.003 U
Ethylbenzene	1	41	MG/KG	0.0017 U	0.0005 J	0.0011 U	0.012 J	0.0015 U
Hexachlorobutadiene	--	--	MG/KG	0.0067 U	0.0064 U	0.0044 U	0.28 U	0.006 U
Isopropylbenzene (Cumene)	--	--	MG/KG	0.0017 U	0.0016 U	0.0011 U	0.069 U	0.0015 U
m,p-Xylene	--	--	MG/KG	0.00097 J	0.0032 U	0.0022 U	0.14 U	0.003 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	MG/KG	0.017 U	0.016 U	0.011 U	0.69 U	0.0033 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	MG/KG	0.017 U	0.016 U	0.011 U	0.69 U	0.015 U
Methylene Chloride	0.05	100	MG/KG	0.0083 U	0.008 U	0.0055 U	0.35 U	0.0075 U
Naphthalene	12	100	MG/KG	0.0014 J	0.0034 J	0.0044 U	9.2	0.006 U
N-Butylbenzene	12	100	MG/KG	0.0017 U	0.0016 U	0.0011 U	0.069 U	0.0015 U
N-Propylbenzene	3.9	100	MG/KG	0.0017 U	0.0016 U	0.0011 U	0.069 U	0.0015 U
O-Xylene (1,2-Dimethylbenzene)	--	--	MG/KG	0.00082 J	0.00052 J	0.0011 U	0.069 U	0.00048 J
Sec-Butylbenzene	11	100	MG/KG	0.0017 U	0.0016 U	0.0011 U	0.069 U	0.0015 U
Styrene	--	--	MG/KG	0.0017 U	0.00034 J	0.0011 U	0.069 U	0.0015 U
T-Butylbenzene	5.9	100	MG/KG	0.0033 U	0.0032 U	0.0022 U	0.14 U	0.003 U

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-15	EP-16	EP-17	EP-18	EP-19
			Sample Date:	10/07/2022	10/07/2022	10/07/2022	12/08/2022	10/07/2022
			Sample Depth (ft bls):	6 - 8	9 - 11	9 - 11	13 - 15	8 - 10
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Tert-Butyl Methyl Ether	0.93	100	MG/KG	0.0044	0.0032 U	0.0022 U	0.14 U	0.00084 J
Tetrachloroethylene (PCE)	1.3	19	MG/KG	0.00083 U	0.0008 U	0.00055 U	0.035 U	0.00075 U
Toluene	0.7	100	MG/KG	0.0034	0.0039	0.0024	0.069 U	0.0021
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	MG/KG	0.00083 U	0.0008 U	0.00055 U	0.035 U	0.00075 U
Trans-1,2-Dichloroethene	0.19	100	MG/KG	0.0025 U	0.0024 U	0.0017 U	0.1 U	0.0022 U
Trans-1,3-Dichloropropene	--	--	MG/KG	0.0017 U	0.0016 U	0.0011 U	0.069 U	0.0015 U
Trans-1,4-Dichloro-2-Butene	--	--	MG/KG	0.0083 U	0.008 U	0.0055 U	0.35 U	0.0075 U
Trichloroethylene (TCE)	0.47	21	MG/KG	0.00083 U	0.0008 U	0.00055 U	0.035 U	0.00075 U
Trichlorofluoromethane	--	--	MG/KG	0.0067 U	0.0064 U	0.0044 U	0.28 U	0.006 U
Vinyl Acetate	--	--	MG/KG	0.017 U	0.016 U	0.011 U	0.69 U	0.015 U
Vinyl Chloride	0.02	0.9	MG/KG	0.0017 U	0.0016 U	0.0011 U	0.069 U	0.0015 U
Xylenes	0.26	100	MG/KG	0.0018 J	0.00052 J	0.0011 U	0.069 U	0.00048 J

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-20	SW-9	SW-10	SW-10	SW-11
			Sample Date:	10/25/2022	12/21/2022	12/21/2022	12/21/2022	12/21/2022
			Sample Depth (ft bls):	11 - 13	14 - 16	14 - 16	14 - 16	15 - 17
			Normal Sample or Field Duplicate:	N	N	N	FD	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
1,1,1,2-Tetrachloroethane	--	--	MG/KG	0.00062 U	0.0007 U	0.00055 U	0.00055 U	0.00065 U
1,1,1-Trichloroethane (TCA)	0.68	100	MG/KG	0.00062 U	0.0007 U	0.00055 U	0.00055 U	0.00065 U
1,1,2,2-Tetrachloroethane	--	--	MG/KG	0.00062 U	0.0007 U	0.00055 U	0.00055 U	0.00065 U
1,1,2-Trichloroethane	--	--	MG/KG	0.0012 U	0.0014 U	0.0011 U	0.0011 U	0.0013 U
1,1-Dichloroethane	0.27	26	MG/KG	0.0012 U	0.0014 U	0.0011 U	0.0011 U	0.0013 U
1,1-Dichloroethene	0.33	100	MG/KG	0.0012 U	0.0014 U	0.0011 U	0.0011 U	0.0013 U
1,1-Dichloropropene	--	--	MG/KG	0.00062 U	0.0007 U	0.00055 U	0.00055 U	0.00065 U
1,2,3-Trichlorobenzene	--	--	MG/KG	0.0025 U	0.0028 U	0.0022 U	0.0022 U	0.0026 U
1,2,3-Trichloropropane	--	--	MG/KG	0.0025 U	0.0028 U	0.0022 U	0.0022 U	0.0026 U
1,2,4,5-Tetramethylbenzene	--	--	MG/KG	0.0025 U	0.0014 J	0.0051	0.0064	0.013
1,2,4-Trichlorobenzene	--	--	MG/KG	0.0025 U	0.0028 U	0.0022 U	0.0022 U	0.0026 U
1,2,4-Trimethylbenzene	3.6	52	MG/KG	0.0025 U	0.00059 J	0.0055	0.008	0.0013 J
1,2-Dibromo-3-Chloropropane	--	--	MG/KG	0.0037 U	0.0042 U	0.0033 U	0.0033 U	0.0039 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	MG/KG	0.0012 U	0.0014 U	0.0011 U	0.0011 U	0.0013 U
1,2-Dichlorobenzene	1.1	100	MG/KG	0.0025 U	0.0028 U	0.0022 U	0.0022 U	0.0026 U
1,2-Dichloroethane	0.02	3.1	MG/KG	0.0012 U	0.0014 U	0.0011 U	0.0011 U	0.0013 U
1,2-Dichloropropane	--	--	MG/KG	0.0012 U	0.0014 U	0.0011 U	0.0011 U	0.0013 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	MG/KG	0.0025 U	0.00072 J	0.0029	0.0054	0.00098 J
1,3-Dichlorobenzene	2.4	49	MG/KG	0.0025 U	0.0028 U	0.0022 U	0.0022 U	0.0026 U
1,3-Dichloropropane	--	--	MG/KG	0.0025 U	0.0028 U	0.0022 U	0.0022 U	0.0026 U
1,4-Dichlorobenzene	1.8	13	MG/KG	0.0025 U	0.0028 U	0.0022 U	0.0022 U	0.0026 U
1,4-Diethyl Benzene	--	--	MG/KG	0.0025 U	0.00061 J	0.0022 U	0.0022 U	0.0033
1,4-Dioxane (P-Dioxane)	0.1	13	MG/KG	0.1 U	0.11 U	0.088 U	0.088 U	0.1 U
2,2-Dichloropropane	--	--	MG/KG	0.0025 U	0.0028 U	0.0022 U	0.0022 U	0.0026 U
2-Chlorotoluene	--	--	MG/KG	0.0025 U	0.0028 U	0.0022 U	0.0022 U	0.0026 U
2-Hexanone	--	--	MG/KG	0.012 U	0.014 U	0.011 U	0.011 U	0.013 U
4-Chlorotoluene	--	--	MG/KG	0.0025 U	0.0028 U	0.0022 U	0.0022 U	0.0026 U
4-Ethyltoluene	--	--	MG/KG	0.0025 U	0.0028 U	0.00057 J	0.00076 J	0.0026 U
Acetone	0.05	100	MG/KG	0.012 U	0.014 U	0.018	0.034	0.011 J
Acrylonitrile	--	--	MG/KG	0.005 U	0.0056 U	0.0044 U	0.0044 U	0.0052 U
Benzene	0.06	4.8	MG/KG	0.00062 U	0.00084	0.00046 J	0.0015	0.0032
Bromobenzene	--	--	MG/KG	0.0025 U	0.0028 U	0.0022 U	0.0022 U	0.0026 U

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-20	SW-9	SW-10	SW-10	SW-11
			Sample Date:	10/25/2022	12/21/2022	12/21/2022	12/21/2022	12/21/2022
			Sample Depth (ft bls):	11 - 13	14 - 16	14 - 16	14 - 16	15 - 17
			Normal Sample or Field Duplicate:	N	N	N	FD	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Bromochloromethane	--	--	MG/KG	0.0025 U	0.0028 U	0.0022 U	0.0022 U	0.0026 U
Bromodichloromethane	--	--	MG/KG	0.00062 U	0.0007 U	0.00055 U	0.00055 U	0.00065 U
Bromoform	--	--	MG/KG	0.005 U	0.0056 U	0.0044 U	0.0044 U	0.0052 U
Bromomethane	--	--	MG/KG	0.0025 U	0.0028 U	0.0022 U	0.0022 U	0.0026 U
Carbon Disulfide	--	--	MG/KG	0.012 U	0.014 U	0.011 U	0.0051 J	0.013 U
Carbon Tetrachloride	0.76	2.4	MG/KG	0.0012 U	0.0014 U	0.0011 U	0.0011 U	0.0013 U
Chlorobenzene	1.1	100	MG/KG	0.00062 U	0.0007 U	0.00055 U	0.00055 U	0.00065 U
Chloroethane	--	--	MG/KG	0.0025 U	0.0028 U	0.0022 U	0.0022 U	0.0026 U
Chloroform	0.37	49	MG/KG	0.0019 U	0.0021 U	0.0016 U	0.0016 U	0.002 U
Chloromethane	--	--	MG/KG	0.005 U	0.0056 U	0.0044 U	0.0044 U	0.0052 U
Cis-1,2-Dichloroethylene	0.25	100	MG/KG	0.0012 U	0.0014 U	0.0011 U	0.0011 U	0.0013 U
Cis-1,3-Dichloropropene	--	--	MG/KG	0.00062 U	0.0007 U	0.00055 U	0.00055 U	0.00065 U
Cymene	--	--	MG/KG	0.0012 U	0.014	0.013	0.029	0.0044
Dibromochloromethane	--	--	MG/KG	0.0012 U	0.0014 U	0.0011 U	0.0011 U	0.0013 U
Dibromomethane	--	--	MG/KG	0.0025 U	0.0028 U	0.0022 U	0.0022 U	0.0026 U
Dichlorodifluoromethane	--	--	MG/KG	0.012 U	0.014 U	0.011 U	0.011 U	0.013 U
Dichloroethylenes	--	--	MG/KG	0.0012 U	0.0014 U	0.0011 U	0.0011 U	0.0013 U
Diethyl Ether (Ethyl Ether)	--	--	MG/KG	0.0025 U	0.0028 U	0.0022 U	0.0022 U	0.0026 U
Ethylbenzene	1	41	MG/KG	0.0012 U	0.0014 U	0.0025	0.0076	0.0026
Hexachlorobutadiene	--	--	MG/KG	0.005 U	0.0056 U	0.0044 U	0.0044 U	0.0052 U
Isopropylbenzene (Cumene)	--	--	MG/KG	0.0012 U	0.0014 U	0.00032 J	0.00039 J	0.00035 J
m,p-Xylene	--	--	MG/KG	0.0025 U	0.00091 J	0.003	0.0048	0.0022 J
Methyl Ethyl Ketone (2-Butanone)	0.12	100	MG/KG	0.012 U	0.014 U	0.0046 J	0.003 J	0.013 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	MG/KG	0.012 U	0.014 U	0.011 U	0.011 U	0.013 U
Methylene Chloride	0.05	100	MG/KG	0.0062 U	0.007 U	0.0055 U	0.0055 U	0.0065 U
Naphthalene	12	100	MG/KG	0.005 U	0.0045 J	0.11	0.24	0.038
N-Butylbenzene	12	100	MG/KG	0.0012 U	0.0014 U	0.0014	0.0035	0.0025
N-Propylbenzene	3.9	100	MG/KG	0.0012 U	0.0014 U	0.0011 U	0.0011 U	0.0013 U
O-Xylene (1,2-Dimethylbenzene)	--	--	MG/KG	0.0012 U	0.001 J	0.0022	0.0041	0.0015
Sec-Butylbenzene	11	100	MG/KG	0.0012 U	0.0014 U	0.0004 J	0.00064 J	0.0022
Styrene	--	--	MG/KG	0.0012 U	0.0014 U	0.0011 U	0.00026 J	0.0013 U
T-Butylbenzene	5.9	100	MG/KG	0.0025 U	0.00064 J	0.0013 J	0.0027	0.0018 J

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-20	SW-9	SW-10	SW-10	SW-11
			Sample Date:	10/25/2022	12/21/2022	12/21/2022	12/21/2022	12/21/2022
			Sample Depth (ft bls):	11 - 13	14 - 16	14 - 16	14 - 16	15 - 17
			Normal Sample or Field Duplicate:	N	N	N	FD	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Tert-Butyl Methyl Ether	0.93	100	MG/KG	0.0025 U	0.0028 U	0.0022 U	0.0022 U	0.00045 J
Tetrachloroethylene (PCE)	1.3	19	MG/KG	0.00062 U	0.0007 U	0.00055 U	0.00055 U	0.00065 U
Toluene	0.7	100	MG/KG	0.0012 U	0.0014 U	0.00091 J	0.0016	0.0014
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	MG/KG	0.00062 U	0.0007 U	0.00055 U	0.00055 U	0.00065 U
Trans-1,2-Dichloroethene	0.19	100	MG/KG	0.0019 U	0.0021 U	0.0016 U	0.0016 U	0.002 U
Trans-1,3-Dichloropropene	--	--	MG/KG	0.0012 U	0.0014 U	0.0011 U	0.0011 U	0.0013 U
Trans-1,4-Dichloro-2-Butene	--	--	MG/KG	0.0062 U	0.007 U	0.0055 U	0.0055 U	0.0065 U
Trichloroethylene (TCE)	0.47	21	MG/KG	0.00062 U	0.0007 U	0.00055 U	0.00055 U	0.00065 U
Trichlorofluoromethane	--	--	MG/KG	0.005 U	0.0056 U	0.0044 U	0.0044 U	0.0052 U
Vinyl Acetate	--	--	MG/KG	0.012 U	0.014 U	0.011 U	0.011 U	0.013 U
Vinyl Chloride	0.02	0.9	MG/KG	0.0012 U	0.0014 U	0.0011 U	0.0011 U	0.0013 U
Xylenes	0.26	100	MG/KG	0.0012 U	0.0019 J	0.0052	0.0089	0.0037 J

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-12	SW-13	SW-14	SW-14	SW-15
			Sample Date:	12/21/2022	12/21/2022	12/21/2022	01/06/2023	12/21/2022
			Sample Depth (ft bls):	15 - 17	14 - 16	14 - 16	14 - 16	14 - 16
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
1,1,1,2-Tetrachloroethane	--	--	MG/KG	0.00063 U	0.00058 U	0.00049 U	0.00055 U	0.00057 U
1,1,1-Trichloroethane (TCA)	0.68	100	MG/KG	0.00063 U	0.00058 U	0.00049 U	0.00055 U	0.00057 U
1,1,2,2-Tetrachloroethane	--	--	MG/KG	0.00063 U	0.00058 U	0.00049 U	0.00055 U	0.00057 U
1,1,2-Trichloroethane	--	--	MG/KG	0.0012 U	0.0012 U	0.00097 U	0.0011 U	0.0011 U
1,1-Dichloroethane	0.27	26	MG/KG	0.0012 U	0.0012 U	0.00097 U	0.0011 U	0.0011 U
1,1-Dichloroethene	0.33	100	MG/KG	0.0012 U	0.0012 U	0.00097 U	0.0011 U	0.0011 U
1,1-Dichloropropene	--	--	MG/KG	0.00063 U	0.00058 U	0.00049 U	0.00055 U	0.00057 U
1,2,3-Trichlorobenzene	--	--	MG/KG	0.00041 J	0.0023 U	0.0019 U	0.0022 U	0.0023 U
1,2,3-Trichloropropane	--	--	MG/KG	0.0025 U	0.0023 U	0.0019 U	0.0022 U	0.0023 U
1,2,4,5-Tetramethylbenzene	--	--	MG/KG	0.00094 J	0.0023 U	0.00042 J	0.0022 U	0.0023 U
1,2,4-Trichlorobenzene	--	--	MG/KG	0.0025 U	0.0023 U	0.0019 U	0.0022 U	0.0023 U
1,2,4-Trimethylbenzene	3.6	52	MG/KG	0.0025 U	0.0023 U	0.0013 J	0.0022 U	0.0023 U
1,2-Dibromo-3-Chloropropane	--	--	MG/KG	0.0038 U	0.0035 U	0.0029 U	0.0033 U	0.0034 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	MG/KG	0.0012 U	0.0012 U	0.00097 U	0.0011 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	MG/KG	0.0025 U	0.0023 U	0.0019 U	0.0022 U	0.0023 U
1,2-Dichloroethane	0.02	3.1	MG/KG	0.0012 U	0.0012 U	0.00097 U	0.0011 U	0.0011 U
1,2-Dichloropropane	--	--	MG/KG	0.0012 U	0.0012 U	0.00097 U	0.0011 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	MG/KG	0.00024 J	0.0023 U	0.00064 J	0.0022 U	0.00023 J
1,3-Dichlorobenzene	2.4	49	MG/KG	0.0025 U	0.0023 U	0.0019 U	0.0022 U	0.0023 U
1,3-Dichloropropane	--	--	MG/KG	0.0025 U	0.0023 U	0.0019 U	0.0022 U	0.0023 U
1,4-Dichlorobenzene	1.8	13	MG/KG	0.0025 U	0.0023 U	0.0019 U	0.0022 U	0.0023 U
1,4-Diethyl Benzene	--	--	MG/KG	0.0025 U	0.0023 U	0.0019 U	0.00019 J	0.0023 U
1,4-Dioxane (P-Dioxane)	0.1	13	MG/KG	0.1 U	0.094 U	0.078 U	0.088 U	0.091 U
2,2-Dichloropropane	--	--	MG/KG	0.0025 U	0.0023 U	0.0019 U	0.0022 U	0.0023 U
2-Chlorotoluene	--	--	MG/KG	0.0025 U	0.0023 U	0.0019 U	0.0022 U	0.0023 U
2-Hexanone	--	--	MG/KG	0.012 U	0.012 U	0.0097 U	0.011 U	0.011 U
4-Chlorotoluene	--	--	MG/KG	0.0025 U	0.0023 U	0.0019 U	0.0022 U	0.0023 U
4-Ethyltoluene	--	--	MG/KG	0.0025 U	0.0023 U	0.0019 U	0.0022 U	0.0023 U
Acetone	0.05	100	MG/KG	0.026	0.012 U	0.019	0.024	0.023
Acrylonitrile	--	--	MG/KG	0.005 U	0.0022 J	0.0039 U	0.0044 U	0.0046 U
Benzene	0.06	4.8	MG/KG	0.0058	0.0003 J	0.00049 U	0.00055 U	0.00057 U
Bromobenzene	--	--	MG/KG	0.0025 U	0.0023 U	0.0019 U	0.0022 U	0.0023 U

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-12	SW-13	SW-14	SW-14	SW-15
			Sample Date:	12/21/2022	12/21/2022	12/21/2022	01/06/2023	12/21/2022
			Sample Depth (ft bls):	15 - 17	14 - 16	14 - 16	14 - 16	14 - 16
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Bromochloromethane	--	--	MG/KG	0.0025 U	0.0023 U	0.0019 U	0.0022 U	0.0023 U
Bromodichloromethane	--	--	MG/KG	0.00063 U	0.00058 U	0.00049 U	0.00055 U	0.00057 U
Bromoform	--	--	MG/KG	0.005 U	0.0047 U	0.0039 U	0.0044 U	0.0046 U
Bromomethane	--	--	MG/KG	0.0025 U	0.0023 U	0.0019 U	0.0022 U	0.0023 U
Carbon Disulfide	--	--	MG/KG	0.012 U	0.0089 J	0.0097 U	0.011 U	0.011 U
Carbon Tetrachloride	0.76	2.4	MG/KG	0.0012 U	0.0012 U	0.00097 U	0.0011 U	0.0011 U
Chlorobenzene	1.1	100	MG/KG	0.00063 U	0.00058 U	0.00049 U	0.00055 U	0.00057 U
Chloroethane	--	--	MG/KG	0.0025 U	0.0023 U	0.0019 U	0.0022 U	0.0023 U
Chloroform	0.37	49	MG/KG	0.0019 U	0.0018 U	0.0014 U	0.0016 U	0.0017 U
Chloromethane	--	--	MG/KG	0.005 U	0.0047 U	0.0039 U	0.0044 U	0.0046 U
Cis-1,2-Dichloroethylene	0.25	100	MG/KG	0.0012 U	0.0012 U	0.00097 U	0.0011 U	0.0011 U
Cis-1,3-Dichloropropene	--	--	MG/KG	0.00063 U	0.00058 U	0.00049 U	0.00055 U	0.00057 U
Cymene	--	--	MG/KG	0.0005 J	0.0012 U	0.01	0.0011 U	0.0016
Dibromochloromethane	--	--	MG/KG	0.0012 U	0.0012 U	0.00097 U	0.0011 U	0.0011 U
Dibromomethane	--	--	MG/KG	0.0025 U	0.0023 U	0.0019 U	0.0022 U	0.0023 U
Dichlorodifluoromethane	--	--	MG/KG	0.012 U	0.012 U	0.0097 U	0.011 U	0.011 U
Dichloroethylenes	--	--	MG/KG	0.0012 U	0.0012 U	0.00097 U	0.0011 U	0.0011 U
Diethyl Ether (Ethyl Ether)	--	--	MG/KG	0.0025 U	0.0023 U	0.0019 U	0.0022 U	0.0023 U
Ethylbenzene	1	41	MG/KG	0.0012 U	0.0012 U	0.00041 J	0.0011 U	0.00046 J
Hexachlorobutadiene	--	--	MG/KG	0.005 U	0.0047 U	0.0039 U	0.0044 U	0.0046 U
Isopropylbenzene (Cumene)	--	--	MG/KG	0.00038 J	0.0012 U	0.00097 U	0.0011 U	0.0011 U
m,p-Xylene	--	--	MG/KG	0.00098 J	0.0023 U	0.001 J	0.0022 U	0.00077 J
Methyl Ethyl Ketone (2-Butanone)	0.12	100	MG/KG	0.012 U	0.012 U	0.0039 J	0.0024 J	0.0054 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	MG/KG	0.012 U	0.012 U	0.0097 U	0.011 U	0.011 U
Methylene Chloride	0.05	100	MG/KG	0.0063 U	0.0058 U	0.0049 U	0.0055 U	0.0057 U
Naphthalene	12	100	MG/KG	0.0013 J	0.0047 U	0.26	0.0009 J	0.02
N-Butylbenzene	12	100	MG/KG	0.0012 U	0.0012 U	0.00097 U	0.0011 U	0.0011 U
N-Propylbenzene	3.9	100	MG/KG	0.0012 U	0.0012 U	0.00097 U	0.0011 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	--	--	MG/KG	0.0011 J	0.0012 U	0.00053 J	0.0011 U	0.00039 J
Sec-Butylbenzene	11	100	MG/KG	0.00029 J	0.0012 U	0.00097 U	0.0011 U	0.0011 U
Styrene	--	--	MG/KG	0.0012 U	0.0012 U	0.00097 U	0.0011 U	0.0011 U
T-Butylbenzene	5.9	100	MG/KG	0.00024 J	0.0023 U	0.0019 U	0.0022 U	0.0023 U

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-12	SW-13	SW-14	SW-14	SW-15
			Sample Date:	12/21/2022	12/21/2022	12/21/2022	01/06/2023	12/21/2022
			Sample Depth (ft bls):	15 - 17	14 - 16	14 - 16	14 - 16	14 - 16
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Tert-Butyl Methyl Ether	0.93	100	MG/KG	0.0025 U	0.024	0.0011 J	0.0003 J	0.0022 J
Tetrachloroethylene (PCE)	1.3	19	MG/KG	0.00063 U	0.00058 U	0.00049 U	0.00055 U	0.00057 U
Toluene	0.7	100	MG/KG	0.0012 U	0.0012 U	0.00097 U	0.0011 U	0.0011 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	MG/KG	0.00063 U	0.00058 U	0.00049 U	0.00055 U	0.00057 U
Trans-1,2-Dichloroethene	0.19	100	MG/KG	0.0019 U	0.0018 U	0.0014 U	0.0016 U	0.0017 U
Trans-1,3-Dichloropropene	--	--	MG/KG	0.0012 U	0.0012 U	0.00097 U	0.0011 U	0.0011 U
Trans-1,4-Dichloro-2-Butene	--	--	MG/KG	0.0063 U	0.0058 U	0.0049 U	0.0055 U	0.0057 U
Trichloroethylene (TCE)	0.47	21	MG/KG	0.00063 U	0.00058 U	0.00049 U	0.00055 U	0.00057 U
Trichlorofluoromethane	--	--	MG/KG	0.005 U	0.0047 U	0.0039 U	0.0044 U	0.0046 U
Vinyl Acetate	--	--	MG/KG	0.012 U	0.012 U	0.0097 U	0.011 U	0.011 U
Vinyl Chloride	0.02	0.9	MG/KG	0.0012 U	0.0012 U	0.00097 U	0.0011 U	0.0011 U
Xylenes	0.26	100	MG/KG	0.0021 J	0.0012 U	0.0015 J	0.0011 U	0.0012 J

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-16	SW-17	SW-18	SW-19	SW-19E
			Sample Date:	12/21/2022	12/21/2022	12/21/2022	03/15/2023	03/15/2023
			Sample Depth (ft bls):	14 - 16	14 - 16	14 - 16	22 - 24	16 - 18
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
1,1,1,2-Tetrachloroethane	--	--	MG/KG	0.00076 U	0.00056 U	0.00057 U	0.00062 U	0.0007 U
1,1,1-Trichloroethane (TCA)	0.68	100	MG/KG	0.00076 U	0.00056 U	0.00057 U	0.00062 U	0.0007 U
1,1,2,2-Tetrachloroethane	--	--	MG/KG	0.00076 U	0.00056 U	0.00057 U	0.00062 U	0.0007 U
1,1,2-Trichloroethane	--	--	MG/KG	0.0015 U	0.0011 U	0.0011 U	0.0012 U	0.0014 U
1,1-Dichloroethane	0.27	26	MG/KG	0.0015 U	0.0011 U	0.0011 U	0.0012 U	0.0014 U
1,1-Dichloroethene	0.33	100	MG/KG	0.0015 U	0.0011 U	0.0011 U	0.0012 U	0.0014 U
1,1-Dichloropropene	--	--	MG/KG	0.00076 U	0.00056 U	0.00057 U	0.00062 U	0.0007 U
1,2,3-Trichlorobenzene	--	--	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.0028 U
1,2,3-Trichloropropane	--	--	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.0028 U
1,2,4,5-Tetramethylbenzene	--	--	MG/KG	0.003 U	0.0022 U	0.0008 J	0.0025 U	0.033
1,2,4-Trichlorobenzene	--	--	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.0028 U
1,2,4-Trimethylbenzene	3.6	52	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.008
1,2-Dibromo-3-Chloropropane	--	--	MG/KG	0.0046 U	0.0034 U	0.0034 U	0.0038 U	0.0042 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	MG/KG	0.0015 U	0.0011 U	0.0011 U	0.0012 U	0.0014 U
1,2-Dichlorobenzene	1.1	100	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.0028 U
1,2-Dichloroethane	0.02	3.1	MG/KG	0.0015 U	0.0011 U	0.0011 U	0.0012 U	0.0014 U
1,2-Dichloropropane	--	--	MG/KG	0.0015 U	0.0011 U	0.0011 U	0.0012 U	0.0014 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.005
1,3-Dichlorobenzene	2.4	49	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.0028 U
1,3-Dichloropropane	--	--	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.0028 U
1,4-Dichlorobenzene	1.8	13	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.0028 U
1,4-Diethyl Benzene	--	--	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.0045
1,4-Dioxane (P-Dioxane)	0.1	13	MG/KG	0.12 U	0.09 U	0.091 U	0.1 U	0.11 U
2,2-Dichloropropane	--	--	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.0028 U
2-Chlorotoluene	--	--	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.0028 U
2-Hexanone	--	--	MG/KG	0.015 U	0.011 U	0.011 U	0.012 U	0.014 U
4-Chlorotoluene	--	--	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.0028 U
4-Ethyltoluene	--	--	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.0027 J
Acetone	0.05	100	MG/KG	0.016	0.0061 J	0.011 U	0.026	0.011 J
Acrylonitrile	--	--	MG/KG	0.0061 U	0.0045 U	0.0045 U	0.005 U	0.0056 U
Benzene	0.06	4.8	MG/KG	0.00076 U	0.00056 U	0.00057 U	0.00062 U	0.0007 U
Bromobenzene	--	--	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.0028 U

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-16	SW-17	SW-18	SW-19	SW-19E
			Sample Date:	12/21/2022	12/21/2022	12/21/2022	03/15/2023	03/15/2023
			Sample Depth (ft bls):	14 - 16	14 - 16	14 - 16	22 - 24	16 - 18
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Bromochloromethane	--	--	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.0028 U
Bromodichloromethane	--	--	MG/KG	0.00076 U	0.00056 U	0.00057 U	0.00062 U	0.0007 U
Bromoform	--	--	MG/KG	0.0061 U	0.0045 U	0.0045 U	0.005 U	0.0056 U
Bromomethane	--	--	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.0028 U
Carbon Disulfide	--	--	MG/KG	0.015 U	0.011 U	0.0067 J	0.012 U	0.014 U
Carbon Tetrachloride	0.76	2.4	MG/KG	0.0015 U	0.0011 U	0.0011 U	0.0012 U	0.0014 U
Chlorobenzene	1.1	100	MG/KG	0.00076 U	0.00056 U	0.00057 U	0.00062 U	0.0007 U
Chloroethane	--	--	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.0028 U
Chloroform	0.37	49	MG/KG	0.0023 U	0.0017 U	0.0017 U	0.0019 U	0.0021 U
Chloromethane	--	--	MG/KG	0.0061 U	0.0045 U	0.0045 U	0.005 U	0.0056 U
Cis-1,2-Dichloroethylene	0.25	100	MG/KG	0.0015 U	0.0011 U	0.0011 U	0.0012 U	0.0014 U
Cis-1,3-Dichloropropene	--	--	MG/KG	0.00076 U	0.00056 U	0.00057 U	0.00062 U	0.0007 U
Cymene	--	--	MG/KG	0.0015 U	0.0011 U	0.00031 J	0.0012 U	0.0059
Dibromochloromethane	--	--	MG/KG	0.0015 U	0.0011 U	0.0011 U	0.0012 U	0.0014 U
Dibromomethane	--	--	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.0028 U
Dichlorodifluoromethane	--	--	MG/KG	0.015 U	0.011 U	0.011 U	0.012 U	0.014 U
Dichloroethylenes	--	--	MG/KG	0.0015 U	0.0011 U	0.0011 U	0.0012 U	0.0014 U
Diethyl Ether (Ethyl Ether)	--	--	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.0028 U
Ethylbenzene	1	41	MG/KG	0.0015 U	0.0011 U	0.0011 U	0.0012 U	0.0014 U
Hexachlorobutadiene	--	--	MG/KG	0.0061 U	0.0045 U	0.0045 U	0.005 U	0.0056 U
Isopropylbenzene (Cumene)	--	--	MG/KG	0.0015 U	0.0011 U	0.0011 U	0.0012 U	0.00015 J
m,p-Xylene	--	--	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.0035
Methyl Ethyl Ketone (2-Butanone)	0.12	100	MG/KG	0.015 U	0.011 U	0.011 U	0.012 U	0.014 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	MG/KG	0.015 U	0.011 U	0.011 U	0.012 U	0.014 U
Methylene Chloride	0.05	100	MG/KG	0.0076 U	0.0056 U	0.0057 U	0.0062 U	0.007 U
Naphthalene	12	100	MG/KG	0.0061 U	0.0045 U	0.0045 U	0.005 U	0.13
N-Butylbenzene	12	100	MG/KG	0.0015 U	0.0011 U	0.00023 J	0.0012 U	0.0014 U
N-Propylbenzene	3.9	100	MG/KG	0.0015 U	0.0011 U	0.0011 U	0.0012 U	0.0014 U
O-Xylene (1,2-Dimethylbenzene)	--	--	MG/KG	0.0015 U	0.00036 J	0.0011 U	0.0012 U	0.0039
Sec-Butylbenzene	11	100	MG/KG	0.0015 U	0.0011 U	0.00026 J	0.0012 U	0.0009 J
Styrene	--	--	MG/KG	0.0015 U	0.0011 U	0.0011 U	0.0012 U	0.0014 U
T-Butylbenzene	5.9	100	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.0017 J

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-16	SW-17	SW-18	SW-19	SW-19E
			Sample Date:	12/21/2022	12/21/2022	12/21/2022	03/15/2023	03/15/2023
			Sample Depth (ft bls):	14 - 16	14 - 16	14 - 16	22 - 24	16 - 18
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Tert-Butyl Methyl Ether	0.93	100	MG/KG	0.003 U	0.0022 U	0.0023 U	0.0025 U	0.0028 U
Tetrachloroethylene (PCE)	1.3	19	MG/KG	0.00076 U	0.00056 U	0.00057 U	0.00062 U	0.0007 U
Toluene	0.7	100	MG/KG	0.0015 U	0.0011 U	0.0011 U	0.0012 U	0.0014 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	MG/KG	0.00076 U	0.00056 U	0.00057 U	0.00062 U	0.0007 U
Trans-1,2-Dichloroethene	0.19	100	MG/KG	0.0023 U	0.0017 U	0.0017 U	0.0019 U	0.0021 U
Trans-1,3-Dichloropropene	--	--	MG/KG	0.0015 U	0.0011 U	0.0011 U	0.0012 U	0.0014 U
Trans-1,4-Dichloro-2-Butene	--	--	MG/KG	0.0076 U	0.0056 U	0.0057 U	0.0062 U	0.007 U
Trichloroethylene (TCE)	0.47	21	MG/KG	0.00076 U	0.00056 U	0.00057 U	0.00062 U	0.0007 U
Trichlorofluoromethane	--	--	MG/KG	0.0061 U	0.0045 U	0.0045 U	0.005 U	0.0056 U
Vinyl Acetate	--	--	MG/KG	0.015 U	0.011 U	0.011 U	0.012 U	0.014 U
Vinyl Chloride	0.02	0.9	MG/KG	0.0015 U	0.0011 U	0.0011 U	0.0012 U	0.0014 U
Xylenes	0.26	100	MG/KG	0.0015 U	0.00036 J	0.0011 U	0.0012 U	0.0074

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-19N	SW-19S	SW-19W	SW-20	SW-21
			Sample Date:	03/15/2023	03/15/2023	03/15/2023	01/06/2023	01/06/2023
			Sample Depth (ft bls):	16 - 18	16 - 18	16 - 18	13 - 15	13 - 15
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
1,1,1,2-Tetrachloroethane	--	--	MG/KG	0.00072 U	0.00068 U	0.00066 U	0.035 U	0.00059 U
1,1,1-Trichloroethane (TCA)	0.68	100	MG/KG	0.00072 U	0.00068 U	0.00066 U	0.035 U	0.00059 U
1,1,2,2-Tetrachloroethane	--	--	MG/KG	0.00072 U	0.00068 U	0.00066 U	0.035 U	0.00059 U
1,1,2-Trichloroethane	--	--	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.071 U	0.0012 U
1,1-Dichloroethane	0.27	26	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.071 U	0.0012 U
1,1-Dichloroethene	0.33	100	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.071 U	0.0012 U
1,1-Dichloropropene	--	--	MG/KG	0.00072 U	0.00068 U	0.00066 U	0.035 U	0.00059 U
1,2,3-Trichlorobenzene	--	--	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.14 U	0.0024 U
1,2,3-Trichloropropane	--	--	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.14 U	0.0024 U
1,2,4,5-Tetramethylbenzene	--	--	MG/KG	0.0029 U	0.0027 U	0.0031	5.2	0.0011 J
1,2,4-Trichlorobenzene	--	--	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.14 U	0.0024 U
1,2,4-Trimethylbenzene	3.6	52	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.14 U	0.0024 U
1,2-Dibromo-3-Chloropropane	--	--	MG/KG	0.0043 U	0.004 U	0.0039 U	0.21 U	0.0035 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.071 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.14 U	0.0024 U
1,2-Dichloroethane	0.02	3.1	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.071 U	0.0012 U
1,2-Dichloropropane	--	--	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.071 U	0.0012 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.14 U	0.0024 U
1,3-Dichlorobenzene	2.4	49	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.14 U	0.0024 U
1,3-Dichloropropane	--	--	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.14 U	0.0024 U
1,4-Dichlorobenzene	1.8	13	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.14 U	0.0024 U
1,4-Diethyl Benzene	--	--	MG/KG	0.0029 U	0.0027 U	0.0026 U	1	0.0024 U
1,4-Dioxane (P-Dioxane)	0.1	13	MG/KG	0.11 U	0.11 U	0.1 U	5.6 U	0.094 U
2,2-Dichloropropane	--	--	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.14 U	0.0024 U
2-Chlorotoluene	--	--	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.14 U	0.0024 U
2-Hexanone	--	--	MG/KG	0.014 U	0.014 U	0.013 U	0.71 U	0.012 U
4-Chlorotoluene	--	--	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.14 U	0.0024 U
4-Ethyltoluene	--	--	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.14 U	0.0024 U
Acetone	0.05	100	MG/KG	0.01 J	0.011 J	0.013 U	0.71 U	0.015
Acrylonitrile	--	--	MG/KG	0.0057 U	0.0054 U	0.0052 U	0.28 U	0.0047 U
Benzene	0.06	4.8	MG/KG	0.00072 U	0.00068 U	0.00066 U	0.035 U	0.0023
Bromobenzene	--	--	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.14 U	0.0024 U

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-19N	SW-19S	SW-19W	SW-20	SW-21
			Sample Date:	03/15/2023	03/15/2023	03/15/2023	01/06/2023	01/06/2023
			Sample Depth (ft bls):	16 - 18	16 - 18	16 - 18	13 - 15	13 - 15
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Bromochloromethane	--	--	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.14 U	0.0024 U
Bromodichloromethane	--	--	MG/KG	0.00072 U	0.00068 U	0.00066 U	0.035 U	0.00059 U
Bromoform	--	--	MG/KG	0.0057 U	0.0054 U	0.0052 U	0.28 U	0.0047 U
Bromomethane	--	--	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.14 U	0.0024 U
Carbon Disulfide	--	--	MG/KG	0.014 U	0.014 U	0.013 U	0.71 U	0.012 U
Carbon Tetrachloride	0.76	2.4	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.071 U	0.0012 U
Chlorobenzene	1.1	100	MG/KG	0.00072 U	0.00068 U	0.00066 U	0.035 U	0.00018 J
Chloroethane	--	--	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.14 U	0.0024 U
Chloroform	0.37	49	MG/KG	0.0022 U	0.002 U	0.002 U	0.11 U	0.0018 U
Chloromethane	--	--	MG/KG	0.0057 U	0.0054 U	0.0052 U	0.28 U	0.0047 U
Cis-1,2-Dichloroethylene	0.25	100	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.071 U	0.0012 U
Cis-1,3-Dichloropropene	--	--	MG/KG	0.00072 U	0.00068 U	0.00066 U	0.035 U	0.00059 U
Cymene	--	--	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.071 U	0.0012 U
Dibromochloromethane	--	--	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.071 U	0.0012 U
Dibromomethane	--	--	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.14 U	0.0024 U
Dichlorodifluoromethane	--	--	MG/KG	0.014 U	0.014 U	0.013 U	0.71 U	0.012 U
Dichloroethylenes	--	--	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.071 U	0.0012 U
Diethyl Ether (Ethyl Ether)	--	--	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.14 U	0.0024 U
Ethylbenzene	1	41	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.071 U	0.0012 U
Hexachlorobutadiene	--	--	MG/KG	0.0057 U	0.0054 U	0.0052 U	0.28 U	0.0047 U
Isopropylbenzene (Cumene)	--	--	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.014 J	0.0018
m,p-Xylene	--	--	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.14 U	0.00086 J
Methyl Ethyl Ketone (2-Butanone)	0.12	100	MG/KG	0.014 U	0.014 U	0.013 U	0.71 U	0.0034 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	MG/KG	0.014 U	0.014 U	0.013 U	0.71 U	0.012 U
Methylene Chloride	0.05	100	MG/KG	0.0072 U	0.0068 U	0.0066 U	0.35 U	0.0059 U
Naphthalene	12	100	MG/KG	0.0057 U	0.0054 U	0.0015 J	0.27 J	0.001 J
N-Butylbenzene	12	100	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.2	0.0012 U
N-Propylbenzene	3.9	100	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.071 U	0.00029 J
O-Xylene (1,2-Dimethylbenzene)	--	--	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.071 U	0.0012 U
Sec-Butylbenzene	11	100	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.16	0.00028 J
Styrene	--	--	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.071 U	0.0012 U
T-Butylbenzene	5.9	100	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.44	0.00042 J

Attachment 1. Summary of Volatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-19N	SW-19S	SW-19W	SW-20	SW-21
			Sample Date:	03/15/2023	03/15/2023	03/15/2023	01/06/2023	01/06/2023
			Sample Depth (ft bls):	16 - 18	16 - 18	16 - 18	13 - 15	13 - 15
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Tert-Butyl Methyl Ether	0.93	100	MG/KG	0.0029 U	0.0027 U	0.0026 U	0.14 U	0.0024 U
Tetrachloroethylene (PCE)	1.3	19	MG/KG	0.00072 U	0.00068 U	0.00066 U	0.035 U	0.00059 U
Toluene	0.7	100	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.071 U	0.0012 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	MG/KG	0.00072 U	0.00068 U	0.00066 U	0.035 U	0.00059 U
Trans-1,2-Dichloroethene	0.19	100	MG/KG	0.0022 U	0.002 U	0.002 U	0.11 U	0.0018 U
Trans-1,3-Dichloropropene	--	--	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.071 U	0.0012 U
Trans-1,4-Dichloro-2-Butene	--	--	MG/KG	0.0072 U	0.0068 U	0.0066 U	0.35 U	0.0059 U
Trichloroethylene (TCE)	0.47	21	MG/KG	0.00072 U	0.00068 U	0.00066 U	0.035 U	0.00059 U
Trichlorofluoromethane	--	--	MG/KG	0.0057 U	0.0054 U	0.0052 U	0.28 U	0.0047 U
Vinyl Acetate	--	--	MG/KG	0.014 U	0.014 U	0.013 U	0.71 U	0.012 U
Vinyl Chloride	0.02	0.9	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.071 U	0.0012 U
Xylenes	0.26	100	MG/KG	0.0014 U	0.0014 U	0.0013 U	0.071 U	0.00086 J

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-1	EP-2	EP-3	EP-4	EP-5
			Sample Date:	11/29/2022	11/28/2022	11/29/2022	02/09/2023	12/08/2022
			Sample Depth (ft bls):	13 - 15	13 - 15	9 - 11	16 - 18	10 - 12
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
1,2,4,5-Tetrachlorobenzene	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
1,2,4-Trichlorobenzene	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
1,2-Dichlorobenzene	1.1	100	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
1,3-Dichlorobenzene	2.4	49	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
1,4-Dichlorobenzene	1.8	13	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
1,4-Dioxane (P-Dioxane)	0.1	13	MG/KG	0.032 U	0.03 U	0.032 U	0.031 U	0.027 U
2,4,5-Trichlorophenol	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
2,4,6-Trichlorophenol	--	--	MG/KG	0.13 U	0.12 U	0.13 U	0.12 U	0.11 U
2,4-Dichlorophenol	--	--	MG/KG	0.19 U	0.18 U	0.19 U	0.19 U	0.16 U
2,4-Dimethylphenol	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
2,4-Dinitrophenol	--	--	MG/KG	1 U	0.96 U	1 U	1 U	0.85 U
2,4-Dinitrotoluene	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
2,6-Dinitrotoluene	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
2-Chloronaphthalene	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
2-Chlorophenol	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
2-Methylnaphthalene	--	--	MG/KG	0.26 U	0.24 U	0.26 U	0.25 U	0.029 J
2-Methylphenol (O-Cresol)	0.33	100	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
2-Nitroaniline	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
2-Nitrophenol	--	--	MG/KG	0.47 U	0.43 U	0.46 U	0.45 U	0.38 U
3,3'-Dichlorobenzidine	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
3-Nitroaniline	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
4,6-Dinitro-2-Methylphenol	--	--	MG/KG	0.56 U	0.52 U	0.55 U	0.54 U	0.46 U
4-Bromophenyl Phenyl Ether	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
4-Chloro-3-Methylphenol	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
4-Chloroaniline	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
4-Chlorophenyl Phenyl Ether	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
4-Nitroaniline	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
4-Nitrophenol	--	--	MG/KG	0.3 U	0.28 U	0.3 U	0.29 U	0.25 U
Acenaphthene	20	100	MG/KG	0.17 U	0.16 U	0.17 U	0.17 U	0.19
Acenaphthylene	100	100	MG/KG	0.17 U	0.16 U	0.17 U	0.17 U	0.032 J
Acetophenone	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
Anthracene	100	100	MG/KG	0.13 U	0.12 U	0.13 U	0.12 U	0.25

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-1	EP-2	EP-3	EP-4	EP-5
			Sample Date:	11/29/2022	11/28/2022	11/29/2022	02/09/2023	12/08/2022
			Sample Depth (ft bls):	13 - 15	13 - 15	9 - 11	16 - 18	10 - 12
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Benzo(A)Anthracene	1	1	MG/KG	0.13 U	0.12 U	0.027 J	0.12 U	0.24
Benzo(A)Pyrene	1	1	MG/KG	0.17 U	0.16 U	0.17 U	0.17 U	0.12 J
Benzo(B)Fluoranthene	1	1	MG/KG	0.13 U	0.12 U	0.13 U	0.12 U	0.13
Benzo(G,H,I)Perylene	100	100	MG/KG	0.17 U	0.16 U	0.17 U	0.17 U	0.029 J
Benzo(K)Fluoranthene	0.8	3.9	MG/KG	0.13 U	0.12 U	0.13 U	0.12 U	0.053 J
Benzoic Acid	--	--	MG/KG	0.7 U	0.65 U	0.69 U	0.68 U	0.57 U
Benzyl Alcohol	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
Benzyl Butyl Phthalate	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
Biphenyl (Diphenyl)	--	--	MG/KG	0.49 U	0.46 U	0.48 U	0.48 U	0.4 U
Bis(2-Chloroethoxy) Methane	--	--	MG/KG	0.23 U	0.22 U	0.23 U	0.22 U	0.19 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	MG/KG	0.19 U	0.18 U	0.19 U	0.19 U	0.16 U
Bis(2-Chloroisopropyl) Ether	--	--	MG/KG	0.26 U	0.24 U	0.26 U	0.25 U	0.21 U
Bis(2-Ethylhexyl) Phthalate	--	--	MG/KG	0.22 U	0.2 U	0.11 J	0.21 U	0.18 U
Carbazole	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
Chrysene	1	3.9	MG/KG	0.13 U	0.12 U	0.023 J	0.12 U	0.17
Dibenz(A,H)Anthracene	0.33	0.33	MG/KG	0.13 U	0.12 U	0.13 U	0.12 U	0.11 U
Dibenzofuran	7	59	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.22
Diethyl Phthalate	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
Dimethyl Phthalate	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
Di-N-Butyl Phthalate	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
Di-N-Octylphthalate	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
Fluoranthene	100	100	MG/KG	0.13 U	0.12 U	0.043 J	0.12 U	0.58
Fluorene	30	100	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.34
Hexachlorobenzene	0.33	1.2	MG/KG	0.13 U	0.12 U	0.13 U	0.12 U	0.11 U
Hexachlorobutadiene	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
Hexachlorocyclopentadiene	--	--	MG/KG	0.62 U	0.58 U	0.61 U	0.6 U	0.51 U
Hexachloroethane	--	--	MG/KG	0.17 U	0.16 U	0.17 U	0.17 U	0.14 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	MG/KG	0.17 U	0.16 U	0.17 U	0.17 U	0.04 J
Isophorone	--	--	MG/KG	0.19 U	0.18 U	0.19 U	0.19 U	0.16 U
M+P MethylPhenol	0.33	100	MG/KG	0.31 U	0.29 U	0.31 U	0.3 U	0.26 U
Naphthalene	12	100	MG/KG	0.058 J	0.2 U	0.21 U	0.21 U	0.18 U
Nitrobenzene	--	--	MG/KG	0.19 U	0.18 U	0.19 U	0.19 U	0.16 U

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-1	EP-2	EP-3	EP-4	EP-5
			Sample Date:	11/29/2022	11/28/2022	11/29/2022	02/09/2023	12/08/2022
			Sample Depth (ft bls):	13 - 15	13 - 15	9 - 11	16 - 18	10 - 12
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
N-Nitrosodi-N-Propylamine	--	--	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
N-Nitrosodiphenylamine	--	--	MG/KG	0.17 U	0.16 U	0.17 U	0.17 U	0.14 U
Pentachlorophenol	0.8	6.7	MG/KG	0.17 U	0.16 U	0.17 U	0.17 U	0.14 U
Phenanthrene	100	100	MG/KG	0.13 U	0.12 U	0.13 U	0.12 U	0.82
Phenol	0.33	100	MG/KG	0.22 U	0.2 U	0.21 U	0.21 U	0.18 U
Pyrene	100	100	MG/KG	0.13 U	0.12 U	0.042 J	0.12 U	0.46

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-6	EP-7	EP-8	EP-9	EP-9
			Sample Date:	11/08/2022	12/01/2022	10/20/2022	12/01/2022	12/01/2022
			Sample Depth (ft bls):	11 - 13	8 - 10	10 - 12	11 - 13	11 - 13
			Normal Sample or Field Duplicate:	N	N	N	N	FD
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
1,2,4,5-Tetrachlorobenzene	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
1,2,4-Trichlorobenzene	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
1,2-Dichlorobenzene	1.1	100	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
1,3-Dichlorobenzene	2.4	49	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
1,4-Dichlorobenzene	1.8	13	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
1,4-Dioxane (P-Dioxane)	0.1	13	MG/KG	0.026 U	0.028 U	0.029 U	0.029 U	0.029 U
2,4,5-Trichlorophenol	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
2,4,6-Trichlorophenol	--	--	MG/KG	0.1 U	0.11 U	0.11 U	0.12 U	0.11 U
2,4-Dichlorophenol	--	--	MG/KG	0.16 U	0.17 U	0.17 U	0.17 U	0.17 U
2,4-Dimethylphenol	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
2,4-Dinitrophenol	--	--	MG/KG	0.84 U	0.89 U	0.92 U	0.92 U	0.92 U
2,4-Dinitrotoluene	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
2,6-Dinitrotoluene	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
2-Chloronaphthalene	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
2-Chlorophenol	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
2-Methylnaphthalene	--	--	MG/KG	0.21 U	0.22 U	0.039 J	0.23 U	0.025 J
2-Methylphenol (O-Cresol)	0.33	100	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
2-Nitroaniline	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
2-Nitrophenol	--	--	MG/KG	0.38 U	0.4 U	0.41 U	0.42 U	0.41 U
3,3'-Dichlorobenzidine	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
3-Nitroaniline	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
4,6-Dinitro-2-Methylphenol	--	--	MG/KG	0.46 U	0.48 U	0.5 U	0.5 U	0.5 U
4-Bromophenyl Phenyl Ether	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
4-Chloro-3-Methylphenol	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
4-Chloroaniline	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
4-Chlorophenyl Phenyl Ether	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
4-Nitroaniline	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
4-Nitrophenol	--	--	MG/KG	0.25 U	0.26 U	0.27 U	0.27 U	0.27 U
Acenaphthene	20	100	MG/KG	0.14 U	0.023 J	0.05 J	0.15 U	0.045 J
Acenaphthylene	100	100	MG/KG	0.14 U	0.15 U	0.12 J	0.15 U	0.03 J
Acetophenone	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
Anthracene	100	100	MG/KG	0.1 U	0.11 U	0.15	0.12 U	0.08 J

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-6	EP-7	EP-8	EP-9	EP-9
			Sample Date:	11/08/2022	12/01/2022	10/20/2022	12/01/2022	12/01/2022
			Sample Depth (ft bls):	11 - 13	8 - 10	10 - 12	11 - 13	11 - 13
			Normal Sample or Field Duplicate:	N	N	N	N	FD
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Benzo(A)Anthracene	1	1	MG/KG	0.021 J	0.034 J	0.4	0.026 J	0.24
Benzo(A)Pyrene	1	1	MG/KG	0.14 U	0.048 J	0.33	0.15 U	0.25
Benzo(B)Fluoranthene	1	1	MG/KG	0.1 U	0.042 J	0.37	0.12 U	0.3
Benzo(G,H,I)Perylene	100	100	MG/KG	0.14 U	0.042 J	0.16	0.15 U	0.13 J
Benzo(K)Fluoranthene	0.8	3.9	MG/KG	0.1 U	0.11 U	0.13	0.12 U	0.1 J
Benzoic Acid	--	--	MG/KG	0.57 U	0.6 U	0.62 U	0.62 U	0.62 U
Benzyl Alcohol	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
Benzyl Butyl Phthalate	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
Biphenyl (Diphenyl)	--	--	MG/KG	0.4 U	0.42 U	0.44 U	0.44 U	0.44 U
Bis(2-Chloroethoxy) Methane	--	--	MG/KG	0.19 U	0.2 U	0.21 U	0.21 U	0.21 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	MG/KG	0.16 U	0.17 U	0.17 U	0.17 U	0.17 U
Bis(2-Chloroisopropyl) Ether	--	--	MG/KG	0.21 U	0.22 U	0.23 U	0.23 U	0.23 U
Bis(2-Ethylhexyl) Phthalate	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
Carbazole	--	--	MG/KG	0.18 U	0.18 U	0.035 J	0.19 U	0.034 J
Chrysene	1	3.9	MG/KG	0.1 U	0.044 J	0.32	0.021 J	0.25
Dibenz(A,H)Anthracene	0.33	0.33	MG/KG	0.1 U	0.11 U	0.041 J	0.12 U	0.034 J
Dibenzofuran	7	59	MG/KG	0.18 U	0.18 U	0.059 J	0.19 U	0.033 J
Diethyl Phthalate	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
Dimethyl Phthalate	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
Di-N-Butyl Phthalate	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
Di-N-Octylphthalate	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
Fluoranthene	100	100	MG/KG	0.044 J	0.072 J	0.8	0.036 J	0.51
Fluorene	30	100	MG/KG	0.017 J	0.02 J	0.089 J	0.19 U	0.038 J
Hexachlorobenzene	0.33	1.2	MG/KG	0.1 U	0.11 U	0.11 U	0.12 U	0.11 U
Hexachlorobutadiene	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
Hexachlorocyclopentadiene	--	--	MG/KG	0.5 U	0.53 U	0.55 U	0.55 U	0.55 U
Hexachloroethane	--	--	MG/KG	0.14 U	0.15 U	0.15 U	0.15 U	0.15 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	MG/KG	0.14 U	0.15 U	0.18	0.15 U	0.15
Isophorone	--	--	MG/KG	0.16 U	0.17 U	0.17 U	0.17 U	0.17 U
M+P MethylPhenol	0.33	100	MG/KG	0.25 U	0.03 J	0.28 U	0.28 U	0.28 U
Naphthalene	12	100	MG/KG	0.18 U	0.18 U	0.085 J	0.19 U	0.054 J
Nitrobenzene	--	--	MG/KG	0.16 U	0.17 U	0.17 U	0.17 U	0.17 U

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-6	EP-7	EP-8	EP-9	EP-9
			Sample Date:	11/08/2022	12/01/2022	10/20/2022	12/01/2022	12/01/2022
			Sample Depth (ft bls):	11 - 13	8 - 10	10 - 12	11 - 13	11 - 13
			Normal Sample or Field Duplicate:	N	N	N	N	FD
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
N-Nitrosodi-N-Propylamine	--	--	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
N-Nitrosodiphenylamine	--	--	MG/KG	0.14 U	0.15 U	0.15 U	0.15 U	0.15 U
Pentachlorophenol	0.8	6.7	MG/KG	0.14 U	0.15 U	0.15 U	0.15 U	0.15 U
Phenanthrene	100	100	MG/KG	0.022 J	0.051 J	0.38	0.12 U	0.33
Phenol	0.33	100	MG/KG	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
Pyrene	100	100	MG/KG	0.043 J	0.13	0.7	0.032 J	0.46

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-10	EP-11	EP-12	EP-13	EP-14
			Sample Date:	11/08/2022	11/08/2022	11/08/2022	12/01/2022	11/08/2022
			Sample Depth (ft bls):	14 - 16	15 - 17	14 - 16	14 - 16	14 - 16
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
1,2,4,5-Tetrachlorobenzene	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
1,2-Dichlorobenzene	1.1	100	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
1,3-Dichlorobenzene	2.4	49	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
1,4-Dichlorobenzene	1.8	13	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
1,4-Dioxane (P-Dioxane)	0.1	13	MG/KG	0.031 U	0.028 U	0.031 U	0.03 U	0.029 U
2,4,5-Trichlorophenol	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
2,4,6-Trichlorophenol	--	--	MG/KG	0.12 U	0.11 U	0.12 U	0.12 U	0.12 U
2,4-Dichlorophenol	--	--	MG/KG	0.18 U	0.17 U	0.18 U	0.18 U	0.18 U
2,4-Dimethylphenol	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
2,4-Dinitrophenol	--	--	MG/KG	0.99 U	0.91 U	0.99 U	0.96 U	0.94 U
2,4-Dinitrotoluene	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
2,6-Dinitrotoluene	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
2-Chloronaphthalene	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
2-Chlorophenol	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
2-Methylnaphthalene	--	--	MG/KG	0.25 U	0.08 J	0.25 U	0.24 U	0.24 U
2-Methylphenol (O-Cresol)	0.33	100	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
2-Nitroaniline	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
2-Nitrophenol	--	--	MG/KG	0.44 U	0.41 U	0.44 U	0.43 U	0.42 U
3,3'-Dichlorobenzidine	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
3-Nitroaniline	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
4,6-Dinitro-2-Methylphenol	--	--	MG/KG	0.54 U	0.49 U	0.53 U	0.52 U	0.51 U
4-Bromophenyl Phenyl Ether	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
4-Chloro-3-Methylphenol	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
4-Chloroaniline	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
4-Chlorophenyl Phenyl Ether	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
4-Nitroaniline	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
4-Nitrophenol	--	--	MG/KG	0.29 U	0.27 U	0.29 U	0.28 U	0.27 U
Acenaphthene	20	100	MG/KG	0.16 U	0.16	0.16 U	0.16 U	0.16 U
Acenaphthylene	100	100	MG/KG	0.16 U	0.36	0.16 U	0.16 U	0.16 U
Acetophenone	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
Anthracene	100	100	MG/KG	0.12 U	0.44	0.12 U	0.12 U	0.12 U

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-10	EP-11	EP-12	EP-13	EP-14
			Sample Date:	11/08/2022	11/08/2022	11/08/2022	12/01/2022	11/08/2022
			Sample Depth (ft bls):	14 - 16	15 - 17	14 - 16	14 - 16	14 - 16
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Benzo(A)Anthracene	1	1	MG/KG	0.12 U	1	0.12 U	0.12 U	0.026 J
Benzo(A)Pyrene	1	1	MG/KG	0.16 U	0.94	0.16 U	0.16 U	0.16 U
Benzo(B)Fluoranthene	1	1	MG/KG	0.12 U	1	0.12 U	0.12 U	0.12 U
Benzo(G,H,I)Perylene	100	100	MG/KG	0.16 U	0.47	0.16 U	0.16 U	0.16 U
Benzo(K)Fluoranthene	0.8	3.9	MG/KG	0.12 U	0.4	0.12 U	0.12 U	0.12 U
Benzoic Acid	--	--	MG/KG	0.67 U	0.62 U	0.66 U	0.65 U	0.64 U
Benzyl Alcohol	--	--	MG/KG	0.21 U	0.15 J	0.2 U	0.2 U	0.2 U
Benzyl Butyl Phthalate	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
Biphenyl (Diphenyl)	--	--	MG/KG	0.47 U	0.43 U	0.47 U	0.46 U	0.45 U
Bis(2-Chloroethoxy) Methane	--	--	MG/KG	0.22 U	0.2 U	0.22 U	0.22 U	0.21 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	MG/KG	0.18 U	0.17 U	0.18 U	0.18 U	0.18 U
Bis(2-Chloroisopropyl) Ether	--	--	MG/KG	0.25 U	0.23 U	0.25 U	0.24 U	0.24 U
Bis(2-Ethylhexyl) Phthalate	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
Carbazole	--	--	MG/KG	0.21 U	0.067 J	0.2 U	0.2 U	0.2 U
Chrysene	1	3.9	MG/KG	0.12 U	0.93	0.12 U	0.12 U	0.02 J
Dibenz(A,H)Anthracene	0.33	0.33	MG/KG	0.12 U	0.14	0.12 U	0.12 U	0.12 U
Dibenzofuran	7	59	MG/KG	0.21 U	0.17 J	0.2 U	0.2 U	0.2 U
Diethyl Phthalate	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
Dimethyl Phthalate	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
Di-N-Butyl Phthalate	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
Di-N-Octylphthalate	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
Fluoranthene	100	100	MG/KG	0.12 U	2	0.12 U	0.12 U	0.048 J
Fluorene	30	100	MG/KG	0.21 U	0.3	0.2 U	0.2 U	0.2 U
Hexachlorobenzene	0.33	1.2	MG/KG	0.12 U	0.11 U	0.12 U	0.12 U	0.12 U
Hexachlorobutadiene	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
Hexachlorocyclopentadiene	--	--	MG/KG	0.59 U	0.54 U	0.59 U	0.57 U	0.56 U
Hexachloroethane	--	--	MG/KG	0.16 U	0.15 U	0.16 U	0.16 U	0.16 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	MG/KG	0.16 U	**0.57**	0.16 U	0.16 U	0.16 U
Isophorone	--	--	MG/KG	0.18 U	0.17 U	0.18 U	0.18 U	0.18 U
M+P MethylPhenol	0.33	100	MG/KG	0.3 U	0.062 J	0.3 U	0.29 U	0.28 U
Naphthalene	12	100	MG/KG	0.21 U	0.19	0.2 U	0.2 U	0.2 U
Nitrobenzene	--	--	MG/KG	0.18 U	0.17 U	0.18 U	0.18 U	0.18 U

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-10	EP-11	EP-12	EP-13	EP-14
			Sample Date:	11/08/2022	11/08/2022	11/08/2022	12/01/2022	11/08/2022
			Sample Depth (ft bls):	14 - 16	15 - 17	14 - 16	14 - 16	14 - 16
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
N-Nitrosodi-N-Propylamine	--	--	MG/KG	0.21 U	0.19 U	0.2 U	0.2 U	0.2 U
N-Nitrosodiphenylamine	--	--	MG/KG	0.16 U	0.15 U	0.16 U	0.16 U	0.16 U
Pentachlorophenol	0.8	6.7	MG/KG	0.16 U	0.15 U	0.16 U	0.16 U	0.16 U
Phenanthrene	100	100	MG/KG	0.12 U	0.73	0.12 U	0.12 U	0.044 J
Phenol	0.33	100	MG/KG	0.21 U	0.033 J	0.2 U	0.2 U	0.2 U
Pyrene	100	100	MG/KG	0.12 U	1.8	0.12 U	0.12 U	0.042 J

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-15	EP-16	EP-17	EP-18	EP-19
			Sample Date:	10/07/2022	10/07/2022	10/07/2022	12/08/2022	10/07/2022
			Sample Depth (ft bls):	6 - 8	9 - 11	9 - 11	13 - 15	8 - 10
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
1,2,4,5-Tetrachlorobenzene	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
1,2-Dichlorobenzene	1.1	100	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
1,3-Dichlorobenzene	2.4	49	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
1,4-Dichlorobenzene	1.8	13	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
1,4-Dioxane (P-Dioxane)	0.1	13	MG/KG	0.032 U	0.031 U	0.029 U	0.03 U	0.03 U
2,4,5-Trichlorophenol	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
2,4,6-Trichlorophenol	--	--	MG/KG	0.13 U	0.12 U	0.12 U	0.12 U	0.12 U
2,4-Dichlorophenol	--	--	MG/KG	0.19 U	0.18 U	0.17 U	0.18 U	0.18 U
2,4-Dimethylphenol	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
2,4-Dinitrophenol	--	--	MG/KG	1 U	0.99 U	0.93 U	0.94 U	0.96 U
2,4-Dinitrotoluene	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
2,6-Dinitrotoluene	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
2-Chloronaphthalene	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
2-Chlorophenol	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
2-Methylnaphthalene	--	--	MG/KG	0.26 U	0.25 U	0.23 U	0.048 J	0.24 U
2-Methylphenol (O-Cresol)	0.33	100	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
2-Nitroaniline	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
2-Nitrophenol	--	--	MG/KG	0.46 U	0.44 U	0.42 U	0.42 U	0.43 U
3,3'-Dichlorobenzidine	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
3-Nitroaniline	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
4,6-Dinitro-2-Methylphenol	--	--	MG/KG	0.56 U	0.53 U	0.5 U	0.51 U	0.52 U
4-Bromophenyl Phenyl Ether	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
4-Chloro-3-Methylphenol	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
4-Chloroaniline	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
4-Chlorophenyl Phenyl Ether	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
4-Nitroaniline	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
4-Nitrophenol	--	--	MG/KG	0.3 U	0.29 U	0.27 U	0.28 U	0.28 U
Acenaphthene	20	100	MG/KG	0.17 U	0.17	0.059 J	0.08 J	0.16 U
Acenaphthylene	100	100	MG/KG	0.17 U	0.16 U	0.15 U	0.16 U	0.16 U
Acetophenone	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
Anthracene	100	100	MG/KG	0.13 U	0.12 U	0.12 U	0.039 J	0.12 U

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-15	EP-16	EP-17	EP-18	EP-19
			Sample Date:	10/07/2022	10/07/2022	10/07/2022	12/08/2022	10/07/2022
			Sample Depth (ft bls):	6 - 8	9 - 11	9 - 11	13 - 15	8 - 10
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Benzo(A)Anthracene	1	1	MG/KG	0.13 U	0.12 U	0.12 U	0.13	0.12 U
Benzo(A)Pyrene	1	1	MG/KG	0.17 U	0.16 U	0.15 U	0.12 J	0.16 U
Benzo(B)Fluoranthene	1	1	MG/KG	0.13 U	0.12 U	0.12 U	0.14	0.12 U
Benzo(G,H,I)Perylene	100	100	MG/KG	0.17 U	0.16 U	0.15 U	0.063 J	0.16 U
Benzo(K)Fluoranthene	0.8	3.9	MG/KG	0.13 U	0.12 U	0.12 U	0.052 J	0.12 U
Benzoic Acid	--	--	MG/KG	0.69 U	0.67 U	0.62 U	0.64 U	0.64 U
Benzyl Alcohol	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
Benzyl Butyl Phthalate	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
Biphenyl (Diphenyl)	--	--	MG/KG	0.49 U	0.47 U	0.44 U	0.45 U	0.45 U
Bis(2-Chloroethoxy) Methane	--	--	MG/KG	0.23 U	0.22 U	0.21 U	0.21 U	0.22 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	MG/KG	0.19 U	0.18 U	0.17 U	0.18 U	0.18 U
Bis(2-Chloroisopropyl) Ether	--	--	MG/KG	0.26 U	0.25 U	0.23 U	0.24 U	0.24 U
Bis(2-Ethylhexyl) Phthalate	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
Carbazole	--	--	MG/KG	0.21 U	0.023 J	0.19 U	0.029 J	0.2 U
Chrysene	1	3.9	MG/KG	0.13 U	0.12 U	0.12 U	0.12	0.12 U
Dibenz(A,H)Anthracene	0.33	0.33	MG/KG	0.13 U	0.12 U	0.12 U	0.12 U	0.12 U
Dibenzofuran	7	59	MG/KG	0.21 U	0.2 U	0.19 U	0.058 J	0.2 U
Diethyl Phthalate	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
Dimethyl Phthalate	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
Di-N-Butyl Phthalate	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
Di-N-Octylphthalate	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
Fluoranthene	100	100	MG/KG	0.13 U	0.12 U	0.12 U	0.25	0.12 U
Fluorene	30	100	MG/KG	0.21 U	0.038 J	0.042 J	0.067 J	0.2 U
Hexachlorobenzene	0.33	1.2	MG/KG	0.13 U	0.12 U	0.12 U	0.12 U	0.12 U
Hexachlorobutadiene	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
Hexachlorocyclopentadiene	--	--	MG/KG	0.61 U	0.59 U	0.55 U	0.56 U	0.57 U
Hexachloroethane	--	--	MG/KG	0.17 U	0.16 U	0.15 U	0.16 U	0.16 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	MG/KG	0.17 U	0.16 U	0.15 U	0.074 J	0.16 U
Isophorone	--	--	MG/KG	0.19 U	0.18 U	0.17 U	0.18 U	0.18 U
M+P MethylPhenol	0.33	100	MG/KG	0.066 J	0.3 U	0.28 U	0.28 U	0.29 U
Naphthalene	12	100	MG/KG	0.21 U	0.035 J	0.028 J	0.16 J	0.2 U
Nitrobenzene	--	--	MG/KG	0.19 U	0.18 U	0.17 U	0.18 U	0.18 U

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-15	EP-16	EP-17	EP-18	EP-19
			Sample Date:	10/07/2022	10/07/2022	10/07/2022	12/08/2022	10/07/2022
			Sample Depth (ft bls):	6 - 8	9 - 11	9 - 11	13 - 15	8 - 10
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
N-Nitrosodi-N-Propylamine	--	--	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
N-Nitrosodiphenylamine	--	--	MG/KG	0.17 U	0.16 U	0.15 U	0.16 U	0.16 U
Pentachlorophenol	0.8	6.7	MG/KG	0.17 U	0.16 U	0.15 U	0.16 U	0.16 U
Phenanthrene	100	100	MG/KG	0.13 U	0.025 J	0.076 J	0.25	0.12 U
Phenol	0.33	100	MG/KG	0.21 U	0.2 U	0.19 U	0.2 U	0.2 U
Pyrene	100	100	MG/KG	0.13 U	0.12 U	0.12 U	0.21	0.12 U

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-20	SW-9	SW-10	SW-10	SW-11
			Sample Date:	10/25/2022	12/21/2022	12/21/2022	12/21/2022	12/21/2022
			Sample Depth (ft bls):	11 - 13	14 - 16	14 - 16	14 - 16	15 - 17
			Normal Sample or Field Duplicate:	N	N	N	FD	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
1,2,4,5-Tetrachlorobenzene	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichlorobenzene	1.1	100	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3-Dichlorobenzene	2.4	49	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,4-Dichlorobenzene	1.8	13	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,4-Dioxane (P-Dioxane)	0.1	13	MG/KG	0.031 U	0.03 U	0.029 U	0.03 U	0.03 U
2,4,5-Trichlorophenol	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,4,6-Trichlorophenol	--	--	MG/KG	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
2,4-Dichlorophenol	--	--	MG/KG	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2,4-Dimethylphenol	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,4-Dinitrophenol	--	--	MG/KG	0.98 U	0.96 U	0.94 U	0.95 U	0.96 U
2,4-Dinitrotoluene	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,6-Dinitrotoluene	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Chloronaphthalene	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Chlorophenol	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Methylnaphthalene	--	--	MG/KG	0.1 J	0.24 U	0.048 J	0.11 J	0.24 U
2-Methylphenol (O-Cresol)	0.33	100	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Nitroaniline	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Nitrophenol	--	--	MG/KG	0.44 U	0.43 U	0.42 U	0.43 U	0.43 U
3,3'-Dichlorobenzidine	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
3-Nitroaniline	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4,6-Dinitro-2-Methylphenol	--	--	MG/KG	0.53 U	0.52 U	0.51 U	0.51 U	0.52 U
4-Bromophenyl Phenyl Ether	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Chloro-3-Methylphenol	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Chloroaniline	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Chlorophenyl Phenyl Ether	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Nitroaniline	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Nitrophenol	--	--	MG/KG	0.29 U	0.28 U	0.27 U	0.28 U	0.28 U
Acenaphthene	20	100	MG/KG	0.18	0.16 U	0.076 J	0.36	0.16 U
Acenaphthylene	100	100	MG/KG	0.16 U	0.16 U	0.05 J	0.4	0.16 U
Acetophenone	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Anthracene	100	100	MG/KG	0.43	0.073 J	0.11 J	1.6	0.12 U

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-20	SW-9	SW-10	SW-10	SW-11
			Sample Date:	10/25/2022	12/21/2022	12/21/2022	12/21/2022	12/21/2022
			Sample Depth (ft bls):	11 - 13	14 - 16	14 - 16	14 - 16	15 - 17
			Normal Sample or Field Duplicate:	N	N	N	FD	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Benzo(A)Anthracene	1	1	MG/KG	0.21	0.17	0.22	**4.4**	0.12 U
Benzo(A)Pyrene	1	1	MG/KG	0.13 J	0.17	0.2	**4.5**	0.16 U
Benzo(B)Fluoranthene	1	1	MG/KG	0.16	0.19	0.24	**5.9**	0.12 U
Benzo(G,H,I)Perylene	100	100	MG/KG	0.057 J	0.091 J	0.1 J	2.6	0.16 U
Benzo(K)Fluoranthene	0.8	3.9	MG/KG	0.06 J	0.054 J	0.065 J	**1.1**	0.12 U
Benzoic Acid	--	--	MG/KG	0.66 U	0.65 U	0.63 U	0.64 U	0.65 U
Benzyl Alcohol	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzyl Butyl Phthalate	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Biphenyl (Diphenyl)	--	--	MG/KG	0.031 J	0.46 U	0.44 U	0.03 J	0.46 U
Bis(2-Chloroethoxy) Methane	--	--	MG/KG	0.22 U	0.22 U	0.21 U	0.21 U	0.22 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	MG/KG	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Bis(2-Chloroisopropyl) Ether	--	--	MG/KG	0.25 U	0.24 U	0.23 U	0.24 U	0.24 U
Bis(2-Ethylhexyl) Phthalate	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbazole	--	--	MG/KG	0.14 J	0.2 U	0.039 J	0.32	0.2 U
Chrysene	1	3.9	MG/KG	0.18	0.16	0.18	**4.2**	0.12 U
Dibenz(A,H)Anthracene	0.33	0.33	MG/KG	0.12 U	0.12 U	0.027 J	**0.66**	0.12 U
Dibenzofuran	7	59	MG/KG	0.16 J	0.022 J	0.06 J	0.35	0.2 U
Diethyl Phthalate	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dimethyl Phthalate	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Di-N-Butyl Phthalate	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Di-N-Octylphthalate	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Fluoranthene	100	100	MG/KG	0.83	0.38	0.45	12	0.12 U
Fluorene	30	100	MG/KG	0.3	0.028 J	0.077 J	0.38	0.2 U
Hexachlorobenzene	0.33	1.2	MG/KG	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Hexachlorobutadiene	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorocyclopentadiene	--	--	MG/KG	0.59 U	0.57 U	0.56 U	0.56 U	0.57 U
Hexachloroethane	--	--	MG/KG	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	MG/KG	0.07 J	0.098 J	0.12 J	**3**	0.16 U
Isophorone	--	--	MG/KG	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
M+P MethylPhenol	0.33	100	MG/KG	0.3 U	0.29 U	0.28 U	0.28 U	0.29 U
Naphthalene	12	100	MG/KG	0.16 J	0.2 U	0.083 J	0.24	0.044 J
Nitrobenzene	--	--	MG/KG	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-20	SW-9	SW-10	SW-10	SW-11
			Sample Date:	10/25/2022	12/21/2022	12/21/2022	12/21/2022	12/21/2022
			Sample Depth (ft bls):	11 - 13	14 - 16	14 - 16	14 - 16	15 - 17
			Normal Sample or Field Duplicate:	N	N	N	FD	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
N-Nitrosodi-N-Propylamine	--	--	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
N-Nitrosodiphenylamine	--	--	MG/KG	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Pentachlorophenol	0.8	6.7	MG/KG	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Phenanthrene	100	100	MG/KG	1.2	0.25	0.39	6.2	0.12 U
Phenol	0.33	100	MG/KG	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Pyrene	100	100	MG/KG	0.57	0.34	0.41	10	0.12 U

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-12	SW-13	SW-14	SW-14	SW-15
			Sample Date:	12/21/2022	12/21/2022	12/21/2022	01/06/2023	12/21/2022
			Sample Depth (ft bls):	15 - 17	14 - 16	14 - 16	14 - 16	14 - 16
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
1,2,4,5-Tetrachlorobenzene	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
1,2-Dichlorobenzene	1.1	100	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
1,3-Dichlorobenzene	2.4	49	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
1,4-Dichlorobenzene	1.8	13	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
1,4-Dioxane (P-Dioxane)	0.1	13	MG/KG	0.033 U	0.03 U	0.028 U	0.03 U	0.029 U
2,4,5-Trichlorophenol	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
2,4,6-Trichlorophenol	--	--	MG/KG	0.13 U	0.12 U	0.11 U	0.12 U	0.12 U
2,4-Dichlorophenol	--	--	MG/KG	0.2 U	0.18 U	0.17 U	0.18 U	0.18 U
2,4-Dimethylphenol	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
2,4-Dinitrophenol	--	--	MG/KG	1 U	0.97 U	0.9 U	0.96 U	0.94 U
2,4-Dinitrotoluene	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
2,6-Dinitrotoluene	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
2-Chloronaphthalene	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
2-Chlorophenol	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
2-Methylnaphthalene	--	--	MG/KG	0.26 U	0.24 U	3.7	0.24 U	0.23 U
2-Methylphenol (O-Cresol)	0.33	100	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
2-Nitroaniline	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
2-Nitrophenol	--	--	MG/KG	0.47 U	0.44 U	0.4 U	0.43 U	0.42 U
3,3'-Dichlorobenzidine	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
3-Nitroaniline	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
4,6-Dinitro-2-Methylphenol	--	--	MG/KG	0.56 U	0.52 U	0.49 U	0.52 U	0.51 U
4-Bromophenyl Phenyl Ether	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
4-Chloro-3-Methylphenol	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
4-Chloroaniline	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
4-Chlorophenyl Phenyl Ether	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
4-Nitroaniline	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
4-Nitrophenol	--	--	MG/KG	0.3 U	0.28 U	0.26 U	0.28 U	0.27 U
Acenaphthene	20	100	MG/KG	0.028 J	0.16 U	4.5	0.023 J	0.16 U
Acenaphthylene	100	100	MG/KG	0.17 U	0.16 U	0.22	0.16 U	0.16 U
Acetophenone	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
Anthracene	100	100	MG/KG	0.13 U	0.12 U	2.3	0.12 U	0.12 U

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-12	SW-13	SW-14	SW-14	SW-15
			Sample Date:	12/21/2022	12/21/2022	12/21/2022	01/06/2023	12/21/2022
			Sample Depth (ft bls):	15 - 17	14 - 16	14 - 16	14 - 16	14 - 16
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Benzo(A)Anthracene	1	1	MG/KG	0.13 U	0.12 U	**1.5**	0.024 J	0.12 U
Benzo(A)Pyrene	1	1	MG/KG	0.17 U	0.16 U	0.96	0.16 U	0.16 U
Benzo(B)Fluoranthene	1	1	MG/KG	0.13 U	0.12 U	**1.1**	0.12 U	0.12 U
Benzo(G,H,I)Perylene	100	100	MG/KG	0.17 U	0.16 U	0.4	0.16 U	0.16 U
Benzo(K)Fluoranthene	0.8	3.9	MG/KG	0.13 U	0.12 U	0.37	0.12 U	0.12 U
Benzoic Acid	--	--	MG/KG	0.7 U	0.65 U	0.61 U	0.65 U	0.63 U
Benzyl Alcohol	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
Benzyl Butyl Phthalate	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
Biphenyl (Diphenyl)	--	--	MG/KG	0.5 U	0.46 U	0.88	0.46 U	0.45 U
Bis(2-Chloroethoxy) Methane	--	--	MG/KG	0.23 U	0.22 U	0.2 U	0.22 U	0.21 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	MG/KG	0.2 U	0.18 U	0.17 U	0.18 U	0.18 U
Bis(2-Chloroisopropyl) Ether	--	--	MG/KG	0.26 U	0.24 U	0.22 U	0.24 U	0.23 U
Bis(2-Ethylhexyl) Phthalate	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
Carbazole	--	--	MG/KG	0.22 U	0.2 U	1.3	0.2 U	0.2 U
Chrysene	1	3.9	MG/KG	0.13 U	0.12 U	**1.2**	0.022 J	0.12 U
Dibenz(A,H)Anthracene	0.33	0.33	MG/KG	0.13 U	0.12 U	0.11	0.12 U	0.12 U
Dibenzofuran	7	59	MG/KG	0.22 U	0.2 U	3.5	0.2 U	0.2 U
Diethyl Phthalate	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
Dimethyl Phthalate	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
Di-N-Butyl Phthalate	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
Di-N-Octylphthalate	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
Fluoranthene	100	100	MG/KG	0.13 U	0.12 U	5.9	0.052 J	0.035 J
Fluorene	30	100	MG/KG	0.22 U	0.2 U	4	0.2 U	0.2 U
Hexachlorobenzene	0.33	1.2	MG/KG	0.13 U	0.12 U	0.11 U	0.12 U	0.12 U
Hexachlorobutadiene	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
Hexachlorocyclopentadiene	--	--	MG/KG	0.62 U	0.58 U	0.54 U	0.57 U	0.56 U
Hexachloroethane	--	--	MG/KG	0.17 U	0.16 U	0.15 U	0.16 U	0.16 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	MG/KG	0.17 U	0.16 U	0.47	0.16 U	0.16 U
Isophorone	--	--	MG/KG	0.2 U	0.18 U	0.17 U	0.18 U	0.18 U
M+P MethylPhenol	0.33	100	MG/KG	0.31 U	0.29 U	0.053 J	0.29 U	0.28 U
Naphthalene	12	100	MG/KG	0.22 U	0.2 U	**14**	0.2 U	0.024 J
Nitrobenzene	--	--	MG/KG	0.2 U	0.18 U	0.17 U	0.18 U	0.18 U

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-12	SW-13	SW-14	SW-14	SW-15
			Sample Date:	12/21/2022	12/21/2022	12/21/2022	01/06/2023	12/21/2022
			Sample Depth (ft bls):	15 - 17	14 - 16	14 - 16	14 - 16	14 - 16
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
N-Nitrosodi-N-Propylamine	--	--	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
N-Nitrosodiphenylamine	--	--	MG/KG	0.17 U	0.16 U	0.15 U	0.16 U	0.16 U
Pentachlorophenol	0.8	6.7	MG/KG	0.17 U	0.16 U	0.15 U	0.16 U	0.16 U
Phenanthrene	100	100	MG/KG	0.13 U	0.12 U	14	0.055 J	0.043 J
Phenol	0.33	100	MG/KG	0.22 U	0.2 U	0.19 U	0.2 U	0.2 U
Pyrene	100	100	MG/KG	0.13 U	0.12 U	4.3	0.043 J	0.028 J

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-16	SW-17	SW-18	SW-19	SW-19E
			Sample Date:	12/21/2022	12/21/2022	12/21/2022	03/15/2023	03/15/2023
			Sample Depth (ft bls):	14 - 16	14 - 16	14 - 16	22 - 24	16 - 18
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
1,2,4,5-Tetrachlorobenzene	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
1,2,4-Trichlorobenzene	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
1,2-Dichlorobenzene	1.1	100	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
1,3-Dichlorobenzene	2.4	49	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
1,4-Dichlorobenzene	1.8	13	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
1,4-Dioxane (P-Dioxane)	0.1	13	MG/KG	0.029 U	0.031 U	0.029 U	0.03 U	0.032 U
2,4,5-Trichlorophenol	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
2,4,6-Trichlorophenol	--	--	MG/KG	0.12 U	0.12 U	0.12 U	0.12 U	0.13 U
2,4-Dichlorophenol	--	--	MG/KG	0.17 U	0.19 U	0.18 U	0.18 U	0.19 U
2,4-Dimethylphenol	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
2,4-Dinitrophenol	--	--	MG/KG	0.93 U	1 U	0.94 U	0.97 U	1 U
2,4-Dinitrotoluene	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
2,6-Dinitrotoluene	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
2-Chloronaphthalene	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
2-Chlorophenol	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
2-Methylnaphthalene	--	--	MG/KG	0.23 U	0.25 U	0.24 U	0.24 U	0.69
2-Methylphenol (O-Cresol)	0.33	100	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
2-Nitroaniline	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
2-Nitrophenol	--	--	MG/KG	0.42 U	0.45 U	0.42 U	0.44 U	0.46 U
3,3'-Dichlorobenzidine	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
3-Nitroaniline	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
4,6-Dinitro-2-Methylphenol	--	--	MG/KG	0.5 U	0.54 U	0.51 U	0.53 U	0.55 U
4-Bromophenyl Phenyl Ether	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
4-Chloro-3-Methylphenol	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
4-Chloroaniline	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
4-Chlorophenyl Phenyl Ether	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
4-Nitroaniline	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
4-Nitrophenol	--	--	MG/KG	0.27 U	0.29 U	0.27 U	0.28 U	0.3 U
Acenaphthene	20	100	MG/KG	0.15 U	0.17 U	0.16 U	0.16 U	0.22
Acenaphthylene	100	100	MG/KG	0.15 U	0.17 U	0.16 U	0.16 U	0.49
Acetophenone	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
Anthracene	100	100	MG/KG	0.12 U	0.12 U	0.12 U	0.12 U	0.71

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-16	SW-17	SW-18	SW-19	SW-19E
			Sample Date:	12/21/2022	12/21/2022	12/21/2022	03/15/2023	03/15/2023
			Sample Depth (ft bls):	14 - 16	14 - 16	14 - 16	22 - 24	16 - 18
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Benzo(A)Anthracene	1	1	MG/KG	0.12 U	0.12 U	0.12 U	0.12 U	0.65
Benzo(A)Pyrene	1	1	MG/KG	0.15 U	0.17 U	0.16 U	0.16 U	0.46
Benzo(B)Fluoranthene	1	1	MG/KG	0.12 U	0.12 U	0.12 U	0.12 U	0.49
Benzo(G,H,I)Perylene	100	100	MG/KG	0.15 U	0.17 U	0.16 U	0.16 U	0.16 J
Benzo(K)Fluoranthene	0.8	3.9	MG/KG	0.12 U	0.12 U	0.12 U	0.12 U	0.18
Benzoic Acid	--	--	MG/KG	0.63 U	0.68 U	0.64 U	0.66 U	0.68 U
Benzyl Alcohol	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
Benzyl Butyl Phthalate	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
Biphenyl (Diphenyl)	--	--	MG/KG	0.44 U	0.48 U	0.45 U	0.46 U	0.11 J
Bis(2-Chloroethoxy) Methane	--	--	MG/KG	0.21 U	0.22 U	0.21 U	0.22 U	0.23 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	MG/KG	0.17 U	0.19 U	0.18 U	0.18 U	0.19 U
Bis(2-Chloroisopropyl) Ether	--	--	MG/KG	0.23 U	0.25 U	0.24 U	0.24 U	0.25 U
Bis(2-Ethylhexyl) Phthalate	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
Carbazole	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.13 J
Chrysene	1	3.9	MG/KG	0.12 U	0.12 U	0.12 U	0.12 U	0.58
Dibenz(A,H)Anthracene	0.33	0.33	MG/KG	0.12 U	0.12 U	0.12 U	0.12 U	0.051 J
Dibenzofuran	7	59	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.54
Diethyl Phthalate	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
Dimethyl Phthalate	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
Di-N-Butyl Phthalate	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
Di-N-Octylphthalate	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
Fluoranthene	100	100	MG/KG	0.12 U	0.12 U	0.12 U	0.036 J	1.5
Fluorene	30	100	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.89
Hexachlorobenzene	0.33	1.2	MG/KG	0.12 U	0.12 U	0.12 U	0.12 U	0.13 U
Hexachlorobutadiene	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
Hexachlorocyclopentadiene	--	--	MG/KG	0.55 U	0.6 U	0.56 U	0.58 U	0.6 U
Hexachloroethane	--	--	MG/KG	0.15 U	0.17 U	0.16 U	0.16 U	0.17 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	MG/KG	0.15 U	0.17 U	0.16 U	0.16 U	0.19
Isophorone	--	--	MG/KG	0.17 U	0.19 U	0.18 U	0.18 U	0.19 U
M+P MethylPhenol	0.33	100	MG/KG	0.28 U	0.3 U	0.28 U	0.29 U	0.3 U
Naphthalene	12	100	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	1.3
Nitrobenzene	--	--	MG/KG	0.17 U	0.19 U	0.18 U	0.18 U	0.19 U

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-16	SW-17	SW-18	SW-19	SW-19E
			Sample Date:	12/21/2022	12/21/2022	12/21/2022	03/15/2023	03/15/2023
			Sample Depth (ft bls):	14 - 16	14 - 16	14 - 16	22 - 24	16 - 18
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
N-Nitrosodi-N-Propylamine	--	--	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
N-Nitrosodiphenylamine	--	--	MG/KG	0.15 U	0.17 U	0.16 U	0.16 U	0.17 U
Pentachlorophenol	0.8	6.7	MG/KG	0.15 U	0.17 U	0.16 U	0.16 U	0.17 U
Phenanthrene	100	100	MG/KG	0.12 U	0.12 U	0.12 U	0.039 J	1.9
Phenol	0.33	100	MG/KG	0.19 U	0.21 U	0.2 U	0.2 U	0.21 U
Pyrene	100	100	MG/KG	0.12 U	0.12 U	0.12 U	0.034 J	1.3

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-19N	SW-19S	SW-19W	SW-20	SW-21
			Sample Date:	03/15/2023	03/15/2023	03/15/2023	01/06/2023	01/06/2023
			Sample Depth (ft bls):	16 - 18	16 - 18	16 - 18	13 - 15	13 - 15
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
1,2,4,5-Tetrachlorobenzene	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
1,2-Dichlorobenzene	1.1	100	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
1,3-Dichlorobenzene	2.4	49	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
1,4-Dichlorobenzene	1.8	13	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
1,4-Dioxane (P-Dioxane)	0.1	13	MG/KG	0.03 U	0.028 U	0.027 U	0.03 U	0.03 U
2,4,5-Trichlorophenol	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
2,4,6-Trichlorophenol	--	--	MG/KG	0.12 U	0.11 U	0.11 U	0.12 U	0.12 U
2,4-Dichlorophenol	--	--	MG/KG	0.18 U	0.17 U	0.16 U	0.18 U	0.18 U
2,4-Dimethylphenol	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
2,4-Dinitrophenol	--	--	MG/KG	0.96 U	0.89 U	0.88 U	0.95 U	0.94 U
2,4-Dinitrotoluene	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
2,6-Dinitrotoluene	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
2-Chloronaphthalene	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
2-Chlorophenol	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
2-Methylnaphthalene	--	--	MG/KG	0.24 U	0.22 U	0.22 U	0.24 U	0.24 U
2-Methylphenol (O-Cresol)	0.33	100	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
2-Nitroaniline	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
2-Nitrophenol	--	--	MG/KG	0.43 U	0.4 U	0.4 U	0.42 U	0.42 U
3,3'-Dichlorobenzidine	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
3-Nitroaniline	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
4,6-Dinitro-2-Methylphenol	--	--	MG/KG	0.52 U	0.48 U	0.48 U	0.51 U	0.51 U
4-Bromophenyl Phenyl Ether	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
4-Chloro-3-Methylphenol	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
4-Chloroaniline	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
4-Chlorophenyl Phenyl Ether	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
4-Nitroaniline	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
4-Nitrophenol	--	--	MG/KG	0.28 U	0.26 U	0.26 U	0.28 U	0.28 U
Acenaphthene	20	100	MG/KG	0.16 U	0.15 U	0.15 U	0.081 J	0.16 U
Acenaphthylene	100	100	MG/KG	0.16 U	0.15 U	0.15 U	0.16 U	0.16 U
Acetophenone	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
Anthracene	100	100	MG/KG	0.12 U	0.11 U	0.11 U	0.13	0.12 U

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-19N	SW-19S	SW-19W	SW-20	SW-21
			Sample Date:	03/15/2023	03/15/2023	03/15/2023	01/06/2023	01/06/2023
			Sample Depth (ft bls):	16 - 18	16 - 18	16 - 18	13 - 15	13 - 15
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
Benzo(A)Anthracene	1	1	MG/KG	0.041 J	0.11 U	0.038 J	0.13	0.12 U
Benzo(A)Pyrene	1	1	MG/KG	0.16 U	0.15 U	0.15 U	0.075 J	0.16 U
Benzo(B)Fluoranthene	1	1	MG/KG	0.037 J	0.11 U	0.034 J	0.085 J	0.12 U
Benzo(G,H,I)Perylene	100	100	MG/KG	0.16 U	0.15 U	0.15 U	0.023 J	0.16 U
Benzo(K)Fluoranthene	0.8	3.9	MG/KG	0.12 U	0.11 U	0.11 U	0.033 J	0.12 U
Benzoic Acid	--	--	MG/KG	0.64 U	0.6 U	0.59 U	0.64 U	0.64 U
Benzyl Alcohol	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
Benzyl Butyl Phthalate	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
Biphenyl (Diphenyl)	--	--	MG/KG	0.45 U	0.42 U	0.42 U	0.45 U	0.45 U
Bis(2-Chloroethoxy) Methane	--	--	MG/KG	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	MG/KG	0.18 U	0.17 U	0.16 U	0.18 U	0.18 U
Bis(2-Chloroisopropyl) Ether	--	--	MG/KG	0.24 U	0.22 U	0.22 U	0.24 U	0.24 U
Bis(2-Ethylhexyl) Phthalate	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
Carbazole	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
Chrysene	1	3.9	MG/KG	0.031 J	0.11 U	0.032 J	0.1 J	0.12 U
Dibenz(A,H)Anthracene	0.33	0.33	MG/KG	0.12 U	0.11 U	0.11 U	0.12 U	0.12 U
Dibenzofuran	7	59	MG/KG	0.027 J	0.18 U	0.022 J	0.1 J	0.2 U
Diethyl Phthalate	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
Dimethyl Phthalate	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
Di-N-Butyl Phthalate	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
Di-N-Octylphthalate	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
Fluoranthene	100	100	MG/KG	0.074 J	0.11 U	0.073 J	0.3	0.12 U
Fluorene	30	100	MG/KG	0.043 J	0.18 U	0.035 J	0.17 J	0.2 U
Hexachlorobenzene	0.33	1.2	MG/KG	0.12 U	0.11 U	0.11 U	0.12 U	0.12 U
Hexachlorobutadiene	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
Hexachlorocyclopentadiene	--	--	MG/KG	0.57 U	0.53 U	0.52 U	0.56 U	0.56 U
Hexachloroethane	--	--	MG/KG	0.16 U	0.15 U	0.15 U	0.16 U	0.16 U
Indeno(1,2,3-C,D)Pyrene	0.5	0.5	MG/KG	0.16 U	0.15 U	0.15 U	0.031 J	0.16 U
Isophorone	--	--	MG/KG	0.18 U	0.17 U	0.16 U	0.18 U	0.18 U
M+P MethylPhenol	0.33	100	MG/KG	0.29 U	0.27 U	0.26 U	0.28 U	0.28 U
Naphthalene	12	100	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
Nitrobenzene	--	--	MG/KG	0.18 U	0.17 U	0.16 U	0.18 U	0.18 U

Attachment 1. Summary of Semivolatile Organic Compounds in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-19N	SW-19S	SW-19W	SW-20	SW-21
			Sample Date:	03/15/2023	03/15/2023	03/15/2023	01/06/2023	01/06/2023
			Sample Depth (ft bls):	16 - 18	16 - 18	16 - 18	13 - 15	13 - 15
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
N-Nitrosodi-N-Propylamine	--	--	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
N-Nitrosodiphenylamine	--	--	MG/KG	0.16 U	0.15 U	0.15 U	0.16 U	0.16 U
Pentachlorophenol	0.8	6.7	MG/KG	0.16 U	0.15 U	0.15 U	0.16 U	0.16 U
Phenanthrene	100	100	MG/KG	0.11 J	0.11 U	0.092 J	0.37	0.12 U
Phenol	0.33	100	MG/KG	0.2 U	0.18 U	0.18 U	0.2 U	0.2 U
Pyrene	100	100	MG/KG	0.059 J	0.11 U	0.059 J	0.26	0.12 U

Attachment 1. Summary of Metals in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-1	EP-2	EP-3	EP-4	EP-5	EP-6
			Sample Date:	11/29/2022	11/28/2022	11/29/2022	02/09/2023	12/08/2022	11/08/2022
			Sample Depth (ft bls):	13 - 15	13 - 15	9 - 11	16 - 18	10 - 12	11 - 13
			Normal Sample or Field Duplicate:	N	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units						
Aluminum	--	--	MG/KG	4370	4140	6130	6860	4810	4220
Antimony	--	--	MG/KG	4.94 U	4.79 U	4.97 U	0.88 J	4.22 U	4.12 U
Arsenic	13	16	MG/KG	1.83	2.6	3.57	2.63	0.654 J	1.17
Barium	350	400	MG/KG	5.86	6.74	8.64	10.7	14.9	16.3
Beryllium	7.2	72	MG/KG	0.085 J	0.242 J	0.221 J	0.267 J	0.282 J	0.242 J
Cadmium	2.5	4.3	MG/KG	0.988 U	0.958 U	0.995 U	1 U	0.092 J	0.095 J
Calcium	--	--	MG/KG	494	788	1160	3780	466	1110
Chromium, Hexavalent	1	110	MG/KG	0.787 J	0.988 UJ	1.02 U	1.02 UJ	0.293 J	0.858 U
Chromium, Total	30	180	MG/KG	8.31	7.76	11.1	18.3	10.2	26
Cobalt	--	--	MG/KG	1.91 J	3.03	3.61	6.08	5.06	4.02
Copper	50	270	MG/KG	1.78	3.84	4.96	12.4	8.16	8.4
Cyanide	27	27	MG/KG	1.2 UJ	0.54 J	1.2 UJ	0.35 J-	0.99 UJ	1 U
Iron	--	--	MG/KG	11400	10100	10200	15800	11600	12400
Lead	63	400	MG/KG	2.92 J	4.75 J	4.96 J	7.7	4.28	4.73
Magnesium	--	--	MG/KG	1180	1790	1720	2510	2140	2010
Manganese	1600	2000	MG/KG	89.9 J	109	82.5	133	170	325
Mercury	0.18	0.81	MG/KG	0.108 U	0.078 U	0.086 U	0.08 U	0.075 U	0.149
Nickel	30	310	MG/KG	5.2	7.2	11.2	11.9	10.5	10.2
Potassium	--	--	MG/KG	383	520	460	788	388	520
Selenium	3.9	180	MG/KG	0.405 J	1.92 U	0.362 J	2.01 U	1.69 U	1.65 U
Silver	2	180	MG/KG	0.494 U	0.479 U	0.497 U	0.502 U	0.422 U	0.412 U
Sodium	--	--	MG/KG	197 J	154 J	208	73 J	47.2 J	39.2 J
Thallium	--	--	MG/KG	1.98 U	1.92 U	1.99 U	2.01 U	1.69 U	1.65 U
Vanadium	--	--	MG/KG	10	11.5	15.2	15.9	12.9	10.4
Zinc	109	10000	MG/KG	10.4	20.5	21.4	28.3	23.2	24.1

Attachment 1. Summary of Metals in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-7	EP-8	EP-9	EP-9	EP-10	EP-11
			Sample Date:	12/01/2022	10/20/2022	12/01/2022	12/01/2022	11/08/2022	11/08/2022
			Sample Depth (ft bls):	8 - 10	10 - 12	11 - 13	11 - 13	14 - 16	15 - 17
			Normal Sample or Field Duplicate:	N	N	N	FD	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units						
Aluminum	--	--	MG/KG	5970	8390	1870	1840	6810	NA
Antimony	--	--	MG/KG	4.36 U	4.66 U	4.53 U	4.68 U	4.81 U	NA
Arsenic	13	16	MG/KG	2.42	1.95	0.461 J	0.58 J	8	NA
Barium	350	400	MG/KG	18.3	8.7	8.2	7.73	47.7	NA
Beryllium	7.2	72	MG/KG	0.386 J	0.432 J	0.055 J	0.036 J	0.444 J	NA
Cadmium	2.5	4.3	MG/KG	0.131 J	0.931 U	0.907 U	0.937 U	0.963 U	NA
Calcium	--	--	MG/KG	792	901	413	498	471	NA
Chromium, Hexavalent	1	110	MG/KG	0.905 U	0.247 J-	0.938 U	0.948 U	1.02 U	NA
Chromium, Total	30	180	MG/KG	14.6	12.4	2.19	2.24	10.9	NA
Cobalt	--	--	MG/KG	7.93	4.58	0.446 J	0.48 J	9.01	NA
Copper	50	270	MG/KG	10.5	11.3	1.46	3.16	21.6	NA
Cyanide	27	27	MG/KG	1.1 UJ	1.1 UJ	1.1 UJ	0.58 J	1.2 U	NA
Iron	--	--	MG/KG	14800	13000	1100	1170	45400	NA
Lead	63	400	MG/KG	16.1	6.74	46.3	9.15	10.6	34.6
Magnesium	--	--	MG/KG	2620	2750	434	449	2370	NA
Manganese	1600	2000	MG/KG	123	94.5	19.4	20.3	203	NA
Mercury	0.18	0.81	MG/KG	0.076	0.085 U	0.052 J	0.076 U	0.08 U	0.079
Nickel	30	310	MG/KG	13.8	16	1.41 J	1.3 J	23.9	NA
Potassium	--	--	MG/KG	567	547	328	326	471	NA
Selenium	3.9	180	MG/KG	1.74 U	1.86 U	1.81 U	1.87 U	1.92 U	NA
Silver	2	180	MG/KG	0.436 U	0.466 U	0.453 U	0.468 U	1.36	NA
Sodium	--	--	MG/KG	100 J	96 J	135 J	178 J	147 J	NA
Thallium	--	--	MG/KG	1.74 U	1.86 U	1.81 U	1.87 U	1.92 U	NA
Vanadium	--	--	MG/KG	16.9	14.9	1.89	1.93	14.5	NA
Zinc	109	10000	MG/KG	30.4	30.2	17.9	8.93	50.6	NA

Attachment 1. Summary of Metals in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-12	EP-13	EP-14	EP-15	EP-16	EP-17
			Sample Date:	11/08/2022	12/01/2022	11/08/2022	10/07/2022	10/07/2022	10/07/2022
			Sample Depth (ft bls):	14 - 16	14 - 16	14 - 16	6 - 8	9 - 11	9 - 11
			Normal Sample or Field Duplicate:	N	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units						
Aluminum	--	--	MG/KG	7210	7380	2920	6700	6070	6220
Antimony	--	--	MG/KG	4.72 U	4.72 U	4.62 U	4.92 U	4.8 U	4.58 U
Arsenic	13	16	MG/KG	6.16	1.37	1.87	3.71	2	2.49
Barium	350	400	MG/KG	25.2	20.4	13.4	13.5	25.9	10.5
Beryllium	7.2	72	MG/KG	0.239 J	0.529	0.273 J	0.294 J	0.261 J	0.355 J
Cadmium	2.5	4.3	MG/KG	0.944 U	0.943 U	0.923 U	0.158 J	0.197 J	0.917 U
Calcium	--	--	MG/KG	707	684 J	690	631	1310	312
Chromium, Hexavalent	1	110	MG/KG	1 U	0.973 UJ	0.96 U	1.03 U	1 U	0.952 UJ
Chromium, Total	30	180	MG/KG	10.7	10.4	7.52	9.82	9.86	12.1
Cobalt	--	--	MG/KG	6.13	3.62	5.33	3.71	5.56	4.94
Copper	50	270	MG/KG	13.6	3.84	6.91	4.72	12.6	5.72
Cyanide	27	27	MG/KG	1.2 U	1.1 U	1.2 U	1.2 UJ	1.2 UJ	1.1 UJ
Iron	--	--	MG/KG	12500	11100	8120	14100	14300	11200
Lead	63	400	MG/KG	7.25	5.34	13.4	6.69	5.59	6.24
Magnesium	--	--	MG/KG	2780	2420	1260	1710	2500	2300
Manganese	1600	2000	MG/KG	80.4	78.3	65.3	187	313	66.7
Mercury	0.18	0.81	MG/KG	0.079 U	0.076 U	0.066 J	0.081 U	0.091 U	0.087 U
Nickel	30	310	MG/KG	15.3	12	9.6	8.94	15.2	10.7
Potassium	--	--	MG/KG	519	672	465	505	709	289
Selenium	3.9	180	MG/KG	1.89 U	1.89 U	1.85 U	1.97 U	1.92 U	1.83 U
Silver	2	180	MG/KG	0.318 J	0.472 U	0.462 U	0.983 U	0.959 U	0.917 U
Sodium	--	--	MG/KG	152 J	196	89.8 J	200	151 J	72.3 J
Thallium	--	--	MG/KG	1.89 U	0.442 J	1.85 U	1.97 U	1.92 U	1.83 U
Vanadium	--	--	MG/KG	11.5	13.1	13.9	15.7	13.8	14.3
Zinc	109	10000	MG/KG	47.5	26.5	34.3	23.7	36.9	23.4

Attachment 1. Summary of Metals in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-18	EP-19	EP-20	SW-9	SW-10	SW-10
			Sample Date:	12/08/2022	10/07/2022	10/25/2022	12/21/2022	12/21/2022	12/21/2022
			Sample Depth (ft bls):	13 - 15	8 - 10	11 - 13	14 - 16	14 - 16	14 - 16
			Normal Sample or Field Duplicate:	N	N	N	N	N	FD
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units						
Aluminum	--	--	MG/KG	2920	7370	7410	9910	7090	6360
Antimony	--	--	MG/KG	4.63 U	4.7 U	4.87 U	4.79 U	4.53 U	4.59 U
Arsenic	13	16	MG/KG	1.08	1.91	2.49	1.23	5.6	3.92
Barium	350	400	MG/KG	12.6	8.78	20.8	15.5	55.2 J	99.1 J
Beryllium	7.2	72	MG/KG	0.11 J	0.276 J	0.368 J	0.288 J	0.368 J	0.317 J
Cadmium	2.5	4.3	MG/KG	0.926 U	0.13 J	0.975 U	0.132 J	0.221 J	0.277 J
Calcium	--	--	MG/KG	239 J	552	1280	681	1700 J	3200 J
Chromium, Hexavalent	1	110	MG/KG	0.973 U	0.962 U	0.992 U	0.968 UJ	0.965 U	0.957 U
Chromium, Total	30	180	MG/KG	3.7	9.99	12.3	13	12.4	14.5
Cobalt	--	--	MG/KG	1.14 J	3.02	4.55	3.67	8.82	6.19
Copper	50	270	MG/KG	0.928 J	7	10.8	3.33	15.7	20.2
Cyanide	27	27	MG/KG	1.2 UJ	0.69 UJ	1.2 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Iron	--	--	MG/KG	5260	13500	13300	12500	18500	12900
Lead	63	400	MG/KG	4.92 J	4.23 J	16.1	4.11 J	40 J	**171 J**
Magnesium	--	--	MG/KG	877	1720	2620	2840	2290	2460
Manganese	1600	2000	MG/KG	40	63	113	84.4	203	335
Mercury	0.18	0.81	MG/KG	0.087 U	0.086 U	0.069 J	0.078 U	0.086 J	**0.343 J**
Nickel	30	310	MG/KG	2.99	10	12.6	13.2	15.5	13.5
Potassium	--	--	MG/KG	280	420	462	586	619	572
Selenium	3.9	180	MG/KG	1.85 U	1.88 U	1.95 U	1.92 U	1.81 U	1.83 U
Silver	2	180	MG/KG	0.463 U	0.939 U	0.487 U	0.479 U	0.453 U	0.459 U
Sodium	--	--	MG/KG	137 J	163 J	65.5 J	159 J	130 J	125 J
Thallium	--	--	MG/KG	1.85 U	1.88 U	1.95 U	1.92 U	1.81 U	1.83 U
Vanadium	--	--	MG/KG	3.54	13.3	13.4	14.6	16.2	13.9
Zinc	109	10000	MG/KG	9.5 J	23.7	34.4	28.6	57.8	80.4

Attachment 1. Summary of Metals in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-11	SW-12	SW-13	SW-14	SW-14	SW-15
			Sample Date:	12/21/2022	12/21/2022	12/21/2022	12/21/2022	01/06/2023	12/21/2022
			Sample Depth (ft bls):	15 - 17	15 - 17	14 - 16	14 - 16	14 - 16	14 - 16
			Normal Sample or Field Duplicate:	N	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units						
Aluminum	--	--	MG/KG	8210	10600	7460	9430	8530	6500
Antimony	--	--	MG/KG	4.64 U	5.05 U	4.82 U	4.33 U	4.81 U	4.68 U
Arsenic	13	16	MG/KG	1.78	2.79	1.31	5.39	4.42	2.7
Barium	350	400	MG/KG	40	29.6	18.9	22.3	20.3	25.1
Beryllium	7.2	72	MG/KG	0.349 J	0.355 J	0.311 J	0.497	0.432 J	0.334 J
Cadmium	2.5	4.3	MG/KG	0.143 J	0.185 J	0.146 J	0.188 J	0.962 U	0.109 J
Calcium	--	--	MG/KG	761	1470	2510	520	740	297
Chromium, Hexavalent	1	110	MG/KG	0.98 U	1.05 U	0.99 U	0.923 U	0.968 U	0.966 U
Chromium, Total	30	180	MG/KG	11.1	13.6	10.5	14	12.5	8.13
Cobalt	--	--	MG/KG	5.52	7.89	7.08	7.1	6.75	3.83
Copper	50	270	MG/KG	17.2	33.3	17.2	12.6	13.7	4.06
Cyanide	27	27	MG/KG	1.1 UJ	1.2 UJ	1.2 UJ	1.7 U	1.2 UJ	1.2 UJ
Iron	--	--	MG/KG	12400	15600	11100	19400	15500	11000
Lead	63	400	MG/KG	7.52	10.8	7.87	9.86	11.2	7.71
Magnesium	--	--	MG/KG	3080	3690	3010	2360	2950	1420
Manganese	1600	2000	MG/KG	92.1	183	76.1	102	113	44.5
Mercury	0.18	0.81	MG/KG	0.078 U	0.083 U	0.078 U	0.128	0.079 U	0.077 U
Nickel	30	310	MG/KG	13.7	17	13.7	11.8	14.1	6.93
Potassium	--	--	MG/KG	517	638	473	464	428	345
Selenium	3.9	180	MG/KG	1.86 U	2.02 U	1.93 U	0.228 J	1.92 U	1.87 U
Silver	2	180	MG/KG	0.464 U	0.505 U	0.482 U	0.433 U	0.481 U	0.468 U
Sodium	--	--	MG/KG	76.6 J	110 J	148 J	112 J	167 J	163 J
Thallium	--	--	MG/KG	1.86 U	2.02 U	1.93 U	1.73 U	1.92 U	1.87 U
Vanadium	--	--	MG/KG	14	16.7	12.7	18.3	16.2	11.3
Zinc	109	10000	MG/KG	42.8	57.4	43.1	34.5	43.1	19.1

Attachment 1. Summary of Metals in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-16	SW-17	SW-18	SW-19	SW-19E	SW-19N
			Sample Date:	12/21/2022	12/21/2022	12/21/2022	03/15/2023	03/15/2023	03/15/2023
			Sample Depth (ft bls):	14 - 16	14 - 16	14 - 16	22 - 24	16 - 18	16 - 18
			Normal Sample or Field Duplicate:	N	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units						
Aluminum	--	--	MG/KG	9290	9990	8820	5560	5820	4890
Antimony	--	--	MG/KG	4.6 U	4.9 U	4.59 U	4.66 U	5.08 U	0.357 J
Arsenic	13	16	MG/KG	1.36	0.894 J	1.21	2.02	1.83	2.49
Barium	350	400	MG/KG	9.14	38.5	10.6	25	11.9	4.35
Beryllium	7.2	72	MG/KG	0.389 J	0.229 J	0.323 J	0.31 J	0.308 J	0.195 J
Cadmium	2.5	4.3	MG/KG	0.113 J	0.108 J	0.091 J	0.092 J	0.18 J	0.483 J
Calcium	--	--	MG/KG	507	465	1040	503	1410	372
Chromium, Hexavalent	1	110	MG/KG	0.949 U	1.01 UJ	0.963 U	0.208 J-	1.04 UJ	0.976 UJ
Chromium, Total	30	180	MG/KG	14.4	12.1	11.4	10.8	12.3	14.6
Cobalt	--	--	MG/KG	3.98	3.49	3.86	5.48	4.4	2.9
Copper	50	270	MG/KG	4.71	2.4	2.66	10.5	10.6	7.48
Cyanide	27	27	MG/KG	1.1 UJ	1.2 UJ	1.1 UJ	1.2 UJ	0.34 J-	0.28 J-
Iron	--	--	MG/KG	13300	10000	10300	12900	11900	15300
Lead	63	400	MG/KG	5.8	3.65 J	4.13 J	4.83	14.5	5.18
Magnesium	--	--	MG/KG	2810	2810	2650	2270	2450	1850 J
Manganese	1600	2000	MG/KG	95.2	86.3	102	127	100	64.7 J
Mercury	0.18	0.81	MG/KG	0.076 U	0.081 U	0.077 U	0.078 U	0.078 J	0.078 U
Nickel	30	310	MG/KG	11.3	12.4	12.9	11.6	12.4	8.24 J
Potassium	--	--	MG/KG	521	648	503	507	522	457
Selenium	3.9	180	MG/KG	1.84 U	1.96 U	1.84 U	1.86 U	0.275 J	1.83 U
Silver	2	180	MG/KG	0.46 U	0.49 U	0.459 U	0.466 U	0.508 U	0.458 U
Sodium	--	--	MG/KG	192	125 J	96.5 J	125 J	81.2 J	46.1 J
Thallium	--	--	MG/KG	1.84 U	1.96 U	1.84 U	1.86 U	2.03 U	0.53 J
Vanadium	--	--	MG/KG	16.9	10.3	10.6	12.5	12.5	14.4
Zinc	109	10000	MG/KG	24	26.7	30	27.4	30.1	21.9

Attachment 1. Summary of Metals in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-19S	SW-19W	SW-20	SW-21
			Sample Date:	03/15/2023	03/15/2023	01/06/2023	01/06/2023
			Sample Depth (ft bls):	16 - 18	16 - 18	13 - 15	13 - 15
			Normal Sample or Field Duplicate:	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units				
Aluminum	--	--	MG/KG	5330	4650	5410	5790
Antimony	--	--	MG/KG	4.41 U	4.39 U	0.389 J	4.71 U
Arsenic	13	16	MG/KG	1.78	2.08	2.27	1.98
Barium	350	400	MG/KG	10.3	22.3	31.8	6.59
Beryllium	7.2	72	MG/KG	0.251 J	0.228 J	0.291 J	0.266 J
Cadmium	2.5	4.3	MG/KG	0.882 U	0.878 U	0.957 U	0.942 U
Calcium	--	--	MG/KG	534	579	868	636
Chromium, Hexavalent	1	110	MG/KG	0.899 UJ	0.902 UJ	0.254 J	0.97 U
Chromium, Total	30	180	MG/KG	8.14	9.65	19.4	9.81
Cobalt	--	--	MG/KG	3.9	3.99	4.21	3.7
Copper	50	270	MG/KG	8.4	7.89	11	5.09
Cyanide	27	27	MG/KG	1.1 UJ	1.1 UJ	1.1 UJ	1.2 UJ
Iron	--	--	MG/KG	12800	10700	12800	10700
Lead	63	400	MG/KG	4.63	4.46	4.82	4.68 J
Magnesium	--	--	MG/KG	2150	1940	2360	1750
Manganese	1600	2000	MG/KG	123	108	106	84.7
Mercury	0.18	0.81	MG/KG	0.072 U	0.071 U	0.085 U	0.084 U
Nickel	30	310	MG/KG	10.9	9.66	11.8	9.71
Potassium	--	--	MG/KG	409	401	537	366
Selenium	3.9	180	MG/KG	1.76 U	1.76 U	1.91 U	1.88 U
Silver	2	180	MG/KG	0.441 U	0.439 U	0.478 U	0.471 U
Sodium	--	--	MG/KG	69.6 J	65.7 J	46.7 J	104 J
Thallium	--	--	MG/KG	1.76 U	1.76 U	1.91 U	1.88 U
Vanadium	--	--	MG/KG	11.5	9.88	12.8	11.7
Zinc	109	10000	MG/KG	24.5	21.8	27	20

Attachment 1. Summary of Polychlorinated Biphenyls in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-1	EP-2	EP-3	EP-4	EP-5	EP-6
			Sample Date:	11/29/2022	11/28/2022	11/29/2022	02/09/2023	12/08/2022	11/08/2022
			Sample Depth (ft bls):	13 - 15	13 - 15	9 - 11	16 - 18	10 - 12	11 - 13
			Normal Sample or Field Duplicate:	N	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units						
PCB-1016 (Aroclor 1016)	--	--	MG/KG	0.0421 U	0.0402 U	0.0422 U	0.0412 U	0.0354 U	0.0337 U
PCB-1221 (Aroclor 1221)	--	--	MG/KG	0.0421 U	0.0402 U	0.0422 U	0.0412 U	0.0354 U	0.0337 U
PCB-1232 (Aroclor 1232)	--	--	MG/KG	0.0421 U	0.0402 U	0.0422 U	0.0412 U	0.0354 U	0.0337 U
PCB-1242 (Aroclor 1242)	--	--	MG/KG	0.0421 U	0.0402 U	0.0422 U	0.0412 U	0.0354 U	0.0337 U
PCB-1248 (Aroclor 1248)	--	--	MG/KG	0.0421 U	0.0402 U	0.0422 U	0.0412 U	0.0354 U	0.0337 U
PCB-1254 (Aroclor 1254)	--	--	MG/KG	0.0421 U	0.0402 U	0.0422 U	0.0412 U	0.0354 U	0.0337 U
PCB-1260 (Aroclor 1260)	--	--	MG/KG	0.0421 U	0.0402 U	0.0422 U	0.0412 U	0.0354 U	0.0337 U
PCB-1262 (Aroclor 1262)	--	--	MG/KG	0.0421 U	0.0402 U	0.0422 U	0.0412 U	0.0354 U	0.0337 U
PCB-1268 (Aroclor 1268)	--	--	MG/KG	0.0421 U	0.0402 U	0.0422 U	0.0412 U	0.0354 U	0.0337 U
Polychlorinated Biphenyl (PCBs)	0.1	1	MG/KG	0.0421 U	0.0402 U	0.0422 U	0.0412 U	0.0354 U	0.0337 U

Attachment 1. Summary of Polychlorinated Biphenyls in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-7	EP-8	EP-9	EP-9	EP-10	EP-11
			Sample Date:	12/01/2022	10/20/2022	12/01/2022	12/01/2022	11/08/2022	10/20/2022
			Sample Depth (ft bls):	8 - 10	10 - 12	11 - 13	11 - 13	14 - 16	13 - 15
			Normal Sample or Field Duplicate:	N	N	N	FD	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units						
PCB-1016 (Aroclor 1016)	--	--	MG/KG	0.0375 U	0.0384 U	0.0381 U	0.038 U	0.04 U	0.0384 U
PCB-1221 (Aroclor 1221)	--	--	MG/KG	0.0375 U	0.0384 U	0.0381 U	0.038 U	0.04 U	0.0384 U
PCB-1232 (Aroclor 1232)	--	--	MG/KG	0.0375 U	0.0384 U	0.0381 U	0.038 U	0.04 U	0.0384 U
PCB-1242 (Aroclor 1242)	--	--	MG/KG	0.0375 U	0.0384 U	0.0381 U	0.038 U	0.04 U	0.0384 U
PCB-1248 (Aroclor 1248)	--	--	MG/KG	0.0375 U	0.0384 U	0.0381 U	0.038 U	0.04 U	0.0384 U
PCB-1254 (Aroclor 1254)	--	--	MG/KG	0.0375 U	0.00586 J	0.0381 U	0.038 U	0.04 U	0.00558 J
PCB-1260 (Aroclor 1260)	--	--	MG/KG	0.0375 U	0.0384 U	0.0381 U	0.038 U	0.04 U	0.0384 U
PCB-1262 (Aroclor 1262)	--	--	MG/KG	0.0375 U	0.0384 U	0.0381 U	0.038 U	0.04 U	0.0384 U
PCB-1268 (Aroclor 1268)	--	--	MG/KG	0.0375 U	0.0384 U	0.0381 U	0.038 U	0.04 U	0.0384 U
Polychlorinated Biphenyl (PCBs)	0.1	1	MG/KG	0.0375 U	0.00586 J	0.0381 U	0.038 U	0.04 U	0.00558 J

Attachment 1. Summary of Polychlorinated Biphenyls in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-12	EP-13	EP-14	EP-15	EP-16	EP-17
			Sample Date:	11/08/2022	12/01/2022	11/08/2022	10/07/2022	10/07/2022	10/07/2022
			Sample Depth (ft bls):	14 - 16	14 - 16	14 - 16	6 - 8	9 - 11	9 - 11
			Normal Sample or Field Duplicate:	N	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units						
PCB-1016 (Aroclor 1016)	--	--	MG/KG	0.0392 U	0.0393 U	0.0382 U	0.042 U	0.0411 U	0.0376 U
PCB-1221 (Aroclor 1221)	--	--	MG/KG	0.0392 U	0.0393 U	0.0382 U	0.042 U	0.0411 U	0.0376 U
PCB-1232 (Aroclor 1232)	--	--	MG/KG	0.0392 U	0.0393 U	0.0382 U	0.042 U	0.0411 U	0.0376 U
PCB-1242 (Aroclor 1242)	--	--	MG/KG	0.0392 U	0.0393 U	0.0382 U	0.042 U	0.0411 U	0.0376 U
PCB-1248 (Aroclor 1248)	--	--	MG/KG	0.0392 U	0.0393 U	0.0382 U	0.042 U	0.0411 U	0.0376 U
PCB-1254 (Aroclor 1254)	--	--	MG/KG	0.0392 U	0.0393 U	0.0382 U	0.042 U	0.0411 U	0.0376 U
PCB-1260 (Aroclor 1260)	--	--	MG/KG	0.0392 U	0.0393 U	0.0382 U	0.042 U	0.0411 U	0.0376 U
PCB-1262 (Aroclor 1262)	--	--	MG/KG	0.0392 U	0.0393 U	0.0382 U	0.042 U	0.0411 U	0.0376 U
PCB-1268 (Aroclor 1268)	--	--	MG/KG	0.0392 U	0.0393 U	0.0382 U	0.042 U	0.0411 U	0.0376 U
Polychlorinated Biphenyl (PCBs)	0.1	1	MG/KG	0.0392 U	0.0393 U	0.0382 U	0.042 U	0.0411 U	0.0376 U

Attachment 1. Summary of Polychlorinated Biphenyls in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-18	EP-19	EP-20	SW-9	SW-10	SW-10
			Sample Date:	12/08/2022	10/07/2022	10/25/2022	12/21/2022	12/21/2022	12/21/2022
			Sample Depth (ft bls):	13 - 15	8 - 10	11 - 13	14 - 16	14 - 16	14 - 16
			Normal Sample or Field Duplicate:	N	N	N	N	N	FD
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units						
PCB-1016 (Aroclor 1016)	--	--	MG/KG	0.0387 U	0.0399 U	0.0396 U	0.0392 U	0.0399 U	0.039 U
PCB-1221 (Aroclor 1221)	--	--	MG/KG	0.0387 U	0.0399 U	0.0396 U	0.0392 U	0.0399 U	0.039 U
PCB-1232 (Aroclor 1232)	--	--	MG/KG	0.0387 U	0.0399 U	0.0396 U	0.0392 U	0.0399 U	0.039 U
PCB-1242 (Aroclor 1242)	--	--	MG/KG	0.0387 U	0.0399 U	0.0396 U	0.0392 U	0.0399 U	0.039 U
PCB-1248 (Aroclor 1248)	--	--	MG/KG	0.0387 U	0.0399 U	0.0396 U	0.0392 U	0.0399 U	0.039 U
PCB-1254 (Aroclor 1254)	--	--	MG/KG	0.0387 U	0.0399 U	0.0396 U	0.0392 U	0.0399 U	0.039 U
PCB-1260 (Aroclor 1260)	--	--	MG/KG	0.0387 U	0.0399 U	0.0396 U	0.0392 U	0.0399 U	0.039 U
PCB-1262 (Aroclor 1262)	--	--	MG/KG	0.0387 U	0.0399 U	0.0396 U	0.0392 U	0.0399 U	0.039 U
PCB-1268 (Aroclor 1268)	--	--	MG/KG	0.0387 U	0.0399 U	0.0396 U	0.0392 U	0.0399 U	0.039 U
Polychlorinated Biphenyl (PCBs)	0.1	1	MG/KG	0.0387 U	0.0399 U	0.0396 U	0.0392 U	0.0399 U	0.039 U

Attachment 1. Summary of Polychlorinated Biphenyls in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-11	SW-12	SW-13	SW-14	SW-14	SW-15
			Sample Date:	12/21/2022	12/21/2022	12/21/2022	12/21/2022	01/06/2023	12/21/2022
			Sample Depth (ft bls):	15 - 17	15 - 17	14 - 16	14 - 16	14 - 16	14 - 16
			Normal Sample or Field Duplicate:	N	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units						
PCB-1016 (Aroclor 1016)	--	--	MG/KG	0.0386 U	0.043 U	0.0396 U	0.0367 U	0.0392 U	0.0387 U
PCB-1221 (Aroclor 1221)	--	--	MG/KG	0.0386 U	0.043 U	0.0396 U	0.0367 U	0.0392 U	0.0387 U
PCB-1232 (Aroclor 1232)	--	--	MG/KG	0.0386 U	0.043 U	0.0396 U	0.0367 U	0.0392 U	0.0387 U
PCB-1242 (Aroclor 1242)	--	--	MG/KG	0.0386 U	0.043 U	0.0396 U	0.0367 U	0.0392 U	0.0387 U
PCB-1248 (Aroclor 1248)	--	--	MG/KG	0.0386 U	0.043 U	0.0396 U	0.0367 U	0.0392 U	0.0387 U
PCB-1254 (Aroclor 1254)	--	--	MG/KG	0.0386 U	0.043 U	0.0396 U	0.0367 U	0.0392 U	0.0387 U
PCB-1260 (Aroclor 1260)	--	--	MG/KG	0.0386 U	0.043 U	0.0396 U	0.0205 J	0.0392 U	0.0387 U
PCB-1262 (Aroclor 1262)	--	--	MG/KG	0.0386 U	0.043 U	0.0396 U	0.0367 U	0.0392 U	0.0387 U
PCB-1268 (Aroclor 1268)	--	--	MG/KG	0.0386 U	0.043 U	0.0396 U	0.0367 U	0.0392 U	0.0387 U
Polychlorinated Biphenyl (PCBs)	0.1	1	MG/KG	0.0386 U	0.043 U	0.0396 U	0.0205 J	0.0392 U	0.0387 U

Attachment 1. Summary of Polychlorinated Biphenyls in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-16	SW-17	SW-18	SW-19	SW-19E	SW-19N
			Sample Date:	12/21/2022	12/21/2022	12/21/2022	03/15/2023	03/15/2023	03/15/2023
			Sample Depth (ft bls):	14 - 16	14 - 16	14 - 16	22 - 24	16 - 18	16 - 18
			Normal Sample or Field Duplicate:	N	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units						
PCB-1016 (Aroclor 1016)	--	--	MG/KG	0.0378 U	0.041 U	0.039 U	0.0388 U	0.0423 U	0.0392 U
PCB-1221 (Aroclor 1221)	--	--	MG/KG	0.0378 U	0.041 U	0.039 U	0.0388 U	0.0423 U	0.0392 U
PCB-1232 (Aroclor 1232)	--	--	MG/KG	0.0378 U	0.041 U	0.039 U	0.0388 U	0.0423 U	0.0392 U
PCB-1242 (Aroclor 1242)	--	--	MG/KG	0.0378 U	0.041 U	0.039 U	0.0388 U	0.0423 U	0.0392 U
PCB-1248 (Aroclor 1248)	--	--	MG/KG	0.0378 U	0.041 U	0.039 U	0.0388 U	0.0423 U	0.0392 U
PCB-1254 (Aroclor 1254)	--	--	MG/KG	0.0378 U	0.041 U	0.039 U	0.0388 U	0.0423 U	0.0392 U
PCB-1260 (Aroclor 1260)	--	--	MG/KG	0.0378 U	0.041 U	0.039 U	0.0388 U	0.0423 U	0.0392 U
PCB-1262 (Aroclor 1262)	--	--	MG/KG	0.0378 U	0.041 U	0.039 U	0.0388 U	0.0423 U	0.0392 U
PCB-1268 (Aroclor 1268)	--	--	MG/KG	0.0378 U	0.041 U	0.039 U	0.0388 U	0.0423 U	0.0392 U
Polychlorinated Biphenyl (PCBs)	0.1	1	MG/KG	0.0378 U	0.041 U	0.039 U	0.0388 U	0.0423 U	0.0392 U

Attachment 1. Summary of Polychlorinated Biphenyls in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-19S	SW-19W	SW-20	SW-21
			Sample Date:	03/15/2023	03/15/2023	01/06/2023	01/06/2023
			Sample Depth (ft bls):	16 - 18	16 - 18	13 - 15	13 - 15
			Normal Sample or Field Duplicate:	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units				
PCB-1016 (Aroclor 1016)	--	--	MG/KG	0.036 U	0.0365 U	0.0397 U	0.0392 U
PCB-1221 (Aroclor 1221)	--	--	MG/KG	0.036 U	0.0365 U	0.0397 U	0.0392 U
PCB-1232 (Aroclor 1232)	--	--	MG/KG	0.036 U	0.0365 U	0.0397 U	0.0392 U
PCB-1242 (Aroclor 1242)	--	--	MG/KG	0.036 U	0.0365 U	0.0397 U	0.0392 U
PCB-1248 (Aroclor 1248)	--	--	MG/KG	0.036 U	0.0365 U	0.0397 U	0.0392 U
PCB-1254 (Aroclor 1254)	--	--	MG/KG	0.036 U	0.0365 U	0.0397 U	0.0392 U
PCB-1260 (Aroclor 1260)	--	--	MG/KG	0.036 U	0.0365 U	0.0397 U	0.0392 U
PCB-1262 (Aroclor 1262)	--	--	MG/KG	0.036 U	0.0365 U	0.0397 U	0.0392 U
PCB-1268 (Aroclor 1268)	--	--	MG/KG	0.036 U	0.0365 U	0.0397 U	0.0392 U
Polychlorinated Biphenyl (PCBs)	0.1	1	MG/KG	0.036 U	0.0365 U	0.0397 U	0.0392 U

Attachment 1. Summary of Pesticides and Herbicides in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-1	EP-2	EP-3	EP-4	EP-5
			Sample Date:	11/29/2022	11/28/2022	11/29/2022	02/09/2023	12/08/2022
			Sample Depth (ft bls):	13 - 15	13 - 15	9 - 11	16 - 18	10 - 12
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
2,4-(Dichlorophenoxy)butyric acid	--	--	MG/KG	0.217 U	0.201 U	0.208 U	NA	0.177 U
2,4-D (Dichlorophenoxyacetic Acid)	--	--	MG/KG	0.217 U	0.201 U	0.208 U	0.21 U	0.177 U
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	MG/KG	0.217 U	0.201 U	0.208 U	0.21 U	0.177 U
Aldrin	0.005	0.097	MG/KG	0.00209 U	0.00188 U	0.002 U	0.00193 U	0.00166 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	MG/KG	0.00087 U	0.000784 U	0.000835 U	0.000806 U	0.000692 U
Alpha Endosulfan	2.4	24	MG/KG	0.00209 U	0.00188 U	0.002 U	0.00193 U	0.00166 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	MG/KG	0.00209 U	0.00188 U	0.002 U	0.00193 U	0.00166 U
Beta Endosulfan	2.4	24	MG/KG	0.00209 U	0.00188 U	0.002 U	0.00193 U	0.00166 U
Chlordane	--	--	MG/KG	0.0174 U	0.0157 U	0.0167 U	0.0161 U	0.0138 U
cis-Chlordane	0.094	4.2	MG/KG	0.00261 U	0.00235 U	0.0025 U	0.00242 U	0.00208 U
Dalapon	--	--	MG/KG	0.0434 U	0.0402 U	0.0416 U	NA	0.0354 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	MG/KG	0.00209 U	0.00188 U	0.002 U	0.00193 U	0.00166 U
Dicamba	--	--	MG/KG	0.0434 U	0.0402 U	0.0416 U	NA	0.0354 U
Dichloroprop	--	--	MG/KG	0.0434 U	0.0402 U	0.0416 U	NA	0.0354 U
Dieldrin	0.005	0.2	MG/KG	0.0013 U	0.00118 U	0.00125 U	0.00121 U	0.00104 U
Endosulfan Sulfate	2.4	24	MG/KG	0.00087 U	0.000784 U	0.000835 U	0.000806 U	0.000692 U
Endrin	0.014	11	MG/KG	0.00087 U	0.000784 U	0.000835 U	0.000806 U	0.000692 U
Endrin Aldehyde	--	--	MG/KG	0.00261 U	0.00235 U	0.0025 U	0.00242 U	0.00208 U
Endrin Ketone	--	--	MG/KG	0.00209 U	0.00188 U	0.002 U	0.00193 U	0.00166 U
Gamma Bhc (Lindane)	0.1	1.3	MG/KG	0.00087 U	0.000784 U	0.000835 U	0.000806 U	0.000692 U
Heptachlor	0.042	2.1	MG/KG	0.00104 U	0.000941 U	0.001 U	0.000967 U	0.00083 U
Heptachlor Epoxide	--	--	MG/KG	0.00392 U	0.00353 U	0.00376 U	0.00362 U	0.00311 U
MCPA	--	--	MG/KG	4.34 U	4.02 U	4.16 U	NA	3.54 U
Methoxychlor	--	--	MG/KG	0.00392 U	0.00353 U	0.00376 U	0.00362 U	0.00311 U
P,P'-DDD	0.0033	13	MG/KG	0.00209 U	0.00188 U	0.002 U	0.00193 U	0.00166 U
P,P'-DDE	0.0033	8.9	MG/KG	0.00209 U	0.00188 U	0.002 U	0.00193 U	0.00166 U
P,P'-DDT	0.0033	7.9	MG/KG	0.00209 U	0.00188 U	0.002 U	0.00193 U	0.00166 U
Silvex (2,4,5-TP)	3.8	100	MG/KG	0.217 U	0.201 U	0.208 U	0.21 U	0.177 U
Toxaphene	--	--	MG/KG	0.0392 U	0.0353 U	0.0376 U	0.0362 U	0.0311 U
trans-Chlordane	--	--	MG/KG	0.00261 U	0.00235 U	0.0025 U	0.00242 U	0.00208 U

Attachment 1. Summary of Pesticides and Herbicides in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-6	EP-7	EP-8	EP-9	EP-9
			Sample Date:	11/08/2022	12/01/2022	10/20/2022	12/01/2022	12/01/2022
			Sample Depth (ft bls):	11 - 13	8 - 10	10 - 12	11 - 13	11 - 13
			Normal Sample or Field Duplicate:	N	N	N	N	FD
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
2,4-(Dichlorophenoxy)butyric acid	--	--	MG/KG	NA	0.184 U	NA	0.19 U	0.191 U
2,4-D (Dichlorophenoxyacetic Acid)	--	--	MG/KG	0.174 U	0.184 U	0.19 U	0.19 U	0.191 U
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	MG/KG	0.174 U	0.184 U	0.19 U	0.19 U	0.191 U
Aldrin	0.005	0.097	MG/KG	0.00168 U	0.00171 U	0.00186 U	0.00181 U	0.00181 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	MG/KG	0.000702 U	0.000714 U	0.000774 U	0.000753 U	0.000753 U
Alpha Endosulfan	2.4	24	MG/KG	0.00168 U	0.00171 U	0.00186 U	0.00181 U	0.00181 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	MG/KG	0.00168 U	0.00171 U	0.00186 U	0.00181 U	0.00181 U
Beta Endosulfan	2.4	24	MG/KG	0.00168 U	0.00171 U	0.00186 U	0.00181 U	0.00181 U
Chlordane	--	--	MG/KG	0.014 U	0.0143 U	0.0155 U	0.015 U	0.0151 U
cis-Chlordane	0.094	4.2	MG/KG	0.00211 U	0.00214 U	0.00232 U	0.00226 U	0.00226 U
Dalapon	--	--	MG/KG	NA	0.0368 U	NA	0.038 U	0.0382 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	MG/KG	0.00168 U	0.00171 U	0.00186 U	0.00181 U	0.00181 U
Dicamba	--	--	MG/KG	NA	0.0368 U	NA	0.038 U	0.0382 U
Dichloroprop	--	--	MG/KG	NA	0.0368 U	NA	0.038 U	0.0382 U
Dieldrin	0.005	0.2	MG/KG	0.00105 U	0.00107 U	0.00116 U	0.00113 U	0.00113 U
Endosulfan Sulfate	2.4	24	MG/KG	0.000702 U	0.000714 U	0.000774 U	0.000753 U	0.000753 U
Endrin	0.014	11	MG/KG	0.000702 U	0.000714 U	0.000774 U	0.000753 U	0.000753 U
Endrin Aldehyde	--	--	MG/KG	0.00211 U	0.00214 U	0.00232 U	0.00226 U	0.00226 U
Endrin Ketone	--	--	MG/KG	0.00168 U	0.00171 U	0.00186 U	0.00181 U	0.00181 U
Gamma Bhc (Lindane)	0.1	1.3	MG/KG	0.000702 U	0.000714 U	0.000774 U	0.000753 U	0.000753 U
Heptachlor	0.042	2.1	MG/KG	0.000843 U	0.000857 U	0.000929 U	0.000904 U	0.000904 U
Heptachlor Epoxide	--	--	MG/KG	0.00316 U	0.00321 U	0.00348 U	0.00339 U	0.00339 U
MCPA	--	--	MG/KG	NA	3.68 U	NA	3.8 U	3.82 U
Methoxychlor	--	--	MG/KG	0.00316 U	0.00321 U	0.00348 U	0.00339 U	0.00339 U
P,P'-DDD	0.0033	13	MG/KG	0.00168 U	0.00171 U	0.00186 U	0.00181 U	0.00181 U
P,P'-DDE	0.0033	8.9	MG/KG	0.00168 U	0.00171 U	0.00186 U	0.00181 U	0.00181 U
P,P'-DDT	0.0033	7.9	MG/KG	0.00168 U	0.00171 U	0.00186 U	0.00181 U	0.00181 U
Silvex (2,4,5-TP)	3.8	100	MG/KG	0.174 U	0.184 U	0.19 U	0.19 U	0.191 U
Toxaphene	--	--	MG/KG	0.0316 U	0.0321 U	0.0348 U	0.0339 U	0.0339 U
trans-Chlordane	--	--	MG/KG	0.00211 U	0.00214 U	0.00232 U	0.00226 U	0.00226 U

Attachment 1. Summary of Pesticides and Herbicides in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-10	EP-11	EP-12	EP-13	EP-14
			Sample Date:	11/08/2022	10/20/2022	11/08/2022	12/01/2022	11/08/2022
			Sample Depth (ft bls):	14 - 16	13 - 15	14 - 16	14 - 16	14 - 16
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
2,4-(Dichlorophenoxy)butyric acid	--	--	MG/KG	NA	NA	NA	0.198 U	NA
2,4-D (Dichlorophenoxyacetic Acid)	--	--	MG/KG	0.212 U	0.192 U	0.203 U	0.198 U	0.196 U
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	MG/KG	0.212 U	0.192 U	0.203 U	0.198 U	0.196 U
Aldrin	0.005	0.097	MG/KG	0.00193 U	0.00189 U	0.00195 U	0.00186 U	0.00184 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	MG/KG	0.000806 U	0.000788 U	0.000812 U	0.000776 U	0.000767 U
Alpha Endosulfan	2.4	24	MG/KG	0.00193 U	0.00189 U	0.00195 U	0.00186 U	0.00184 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	MG/KG	0.00193 U	0.00189 U	0.00195 U	0.00186 U	0.00184 U
Beta Endosulfan	2.4	24	MG/KG	0.00193 U	0.00189 U	0.00195 U	0.00186 U	0.00184 U
Chlordane	--	--	MG/KG	0.0161 U	0.0158 U	0.0162 U	0.0155 U	0.0153 U
cis-Chlordane	0.094	4.2	MG/KG	0.00242 U	0.00236 U	0.00244 U	0.00233 U	0.0023 U
Dalapon	--	--	MG/KG	NA	NA	NA	0.0397 U	NA
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	MG/KG	0.00193 U	0.00189 U	0.00195 U	0.00186 U	0.00184 U
Dicamba	--	--	MG/KG	NA	NA	NA	0.0397 U	NA
Dichloroprop	--	--	MG/KG	NA	NA	NA	0.0397 U	NA
Dieldrin	0.005	0.2	MG/KG	0.00121 U	0.00118 U	0.00122 U	0.00116 U	0.00115 U
Endosulfan Sulfate	2.4	24	MG/KG	0.000806 U	0.000788 U	0.000812 U	0.000776 U	0.000767 U
Endrin	0.014	11	MG/KG	0.000806 U	0.000788 U	0.000812 U	0.000776 U	0.000767 U
Endrin Aldehyde	--	--	MG/KG	0.00242 U	0.00236 U	0.00244 U	0.00233 U	0.0023 U
Endrin Ketone	--	--	MG/KG	0.00193 U	0.00189 U	0.00195 U	0.00186 U	0.00184 U
Gamma Bhc (Lindane)	0.1	1.3	MG/KG	0.000806 U	0.000788 U	0.000812 U	0.000776 U	0.000767 U
Heptachlor	0.042	2.1	MG/KG	0.000967 U	0.000946 U	0.000974 U	0.000932 U	0.00092 U
Heptachlor Epoxide	--	--	MG/KG	0.00362 U	0.00355 U	0.00365 U	0.00349 U	0.00345 U
MCPA	--	--	MG/KG	NA	NA	NA	3.97 U	NA
Methoxychlor	--	--	MG/KG	0.00362 U	0.00355 U	0.00365 U	0.00349 U	0.00345 U
P,P'-DDD	0.0033	13	MG/KG	0.00193 U	0.00189 U	0.00195 U	0.00186 U	0.00184 U
P,P'-DDE	0.0033	8.9	MG/KG	0.00193 U	0.00189 U	0.00195 U	0.00186 U	0.00184 U
P,P'-DDT	0.0033	7.9	MG/KG	0.00193 U	0.00189 U	0.00195 U	0.00186 U	0.00184 U
Silvex (2,4,5-TP)	3.8	100	MG/KG	0.212 U	0.192 U	0.203 U	0.198 U	0.196 U
Toxaphene	--	--	MG/KG	0.0362 U	0.0355 U	0.0365 U	0.0349 U	0.0345 U
trans-Chlordane	--	--	MG/KG	0.00242 U	0.00236 U	0.00244 U	0.00233 U	0.0023 U

Attachment 1. Summary of Pesticides and Herbicides in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-15	EP-16	EP-17	EP-18	EP-19
			Sample Date:	10/07/2022	10/07/2022	10/07/2022	12/08/2022	10/07/2022
			Sample Depth (ft bls):	6 - 8	9 - 11	9 - 11	13 - 15	8 - 10
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
2,4-(Dichlorophenoxy)butyric acid	--	--	MG/KG	NA	NA	NA	0.2 U	NA
2,4-D (Dichlorophenoxyacetic Acid)	--	--	MG/KG	0.212 U	0.208 U	0.193 U	0.2 U	0.198 U
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	MG/KG	0.212 U	0.208 U	0.193 U	0.2 U	0.198 U
Aldrin	0.005	0.097	MG/KG	0.00197 U	0.00196 U	0.00185 U	0.00186 U	0.00185 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	MG/KG	0.000821 U	0.000815 U	0.000772 U	0.000774 U	0.00077 U
Alpha Endosulfan	2.4	24	MG/KG	0.00197 U	0.00196 U	0.00185 U	0.00186 U	0.00185 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	MG/KG	0.00197 U	0.00196 U	0.00185 U	0.00186 U	0.00185 U
Beta Endosulfan	2.4	24	MG/KG	0.00197 U	0.00196 U	0.00185 U	0.00186 U	0.00185 U
Chlordane	--	--	MG/KG	0.0164 U	0.0163 U	0.0154 U	0.0155 U	0.0154 U
cis-Chlordane	0.094	4.2	MG/KG	0.00246 U	0.00244 U	0.00232 U	0.00232 U	0.00231 U
Dalapon	--	--	MG/KG	NA	NA	NA	0.0399 U	NA
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	MG/KG	0.00197 U	0.00196 U	0.00185 U	0.00186 U	0.00185 U
Dicamba	--	--	MG/KG	NA	NA	NA	0.0399 U	NA
Dichloroprop	--	--	MG/KG	NA	NA	NA	0.0399 U	NA
Dieldrin	0.005	0.2	MG/KG	0.00123 U	0.00122 U	0.00116 U	0.00116 U	0.00115 U
Endosulfan Sulfate	2.4	24	MG/KG	0.000821 U	0.000815 U	0.000772 U	0.000774 U	0.00077 U
Endrin	0.014	11	MG/KG	0.000821 U	0.000815 U	0.000772 U	0.000774 U	0.00077 U
Endrin Aldehyde	--	--	MG/KG	0.00246 U	0.00244 U	0.00232 U	0.00232 U	0.00231 U
Endrin Ketone	--	--	MG/KG	0.00197 U	0.00196 U	0.00185 U	0.00186 U	0.00185 U
Gamma Bhc (Lindane)	0.1	1.3	MG/KG	0.000821 U	0.000815 U	0.000772 U	0.000774 U	0.00077 U
Heptachlor	0.042	2.1	MG/KG	0.000986 U	0.000978 U	0.000926 U	0.000929 U	0.000924 U
Heptachlor Epoxide	--	--	MG/KG	0.0037 U	0.00367 U	0.00347 U	0.00348 U	0.00346 U
MCPA	--	--	MG/KG	NA	NA	NA	3.99 U	NA
Methoxychlor	--	--	MG/KG	0.0037 U	0.00367 U	0.00347 U	0.00348 U	0.00346 U
P,P'-DDD	0.0033	13	MG/KG	0.00197 U	0.00196 U	0.00185 U	0.00186 U	0.00185 U
P,P'-DDE	0.0033	8.9	MG/KG	0.00197 U	0.00196 U	0.00185 U	0.00186 U	0.00185 U
P,P'-DDT	0.0033	7.9	MG/KG	0.00197 U	0.00196 U	0.00185 U	0.00186 U	0.00185 U
Silvex (2,4,5-TP)	3.8	100	MG/KG	0.212 U	0.208 U	0.193 U	0.2 U	0.198 U
Toxaphene	--	--	MG/KG	0.037 U	0.0367 U	0.0347 U	0.0348 U	0.0346 U
trans-Chlordane	--	--	MG/KG	0.00246 U	0.00244 U	0.00232 U	0.00232 U	0.00231 U

Attachment 1. Summary of Pesticides and Herbicides in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-20	SW-9	SW-10	SW-10	SW-11
			Sample Date:	10/25/2022	12/21/2022	12/21/2022	12/21/2022	12/21/2022
			Sample Depth (ft bls):	11 - 13	14 - 16	14 - 16	14 - 16	15 - 17
			Normal Sample or Field Duplicate:	N	N	N	FD	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
2,4-(Dichlorophenoxy)butyric acid	--	--	MG/KG	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	--	--	MG/KG	0.206 U	0.2 U	0.196 U	0.196 U	0.204 U
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	MG/KG	0.206 U	0.2 U	0.196 U	0.196 U	0.204 U
Aldrin	0.005	0.097	MG/KG	0.00192 U	0.00188 U	0.0019 U	0.00185 U	0.00186 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	MG/KG	0.000799 U	0.000784 U	0.000794 U	0.00077 U	0.000776 U
Alpha Endosulfan	2.4	24	MG/KG	0.00192 U	0.00188 U	0.0019 U	0.00185 U	0.00186 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	MG/KG	0.00192 U	0.00188 U	0.0019 U	0.00185 U	0.00186 U
Beta Endosulfan	2.4	24	MG/KG	0.00192 U	0.00188 U	0.0019 U	0.00185 U	0.00186 U
Chlordane	--	--	MG/KG	0.016 U	0.0157 U	0.0159 U	0.0154 U	0.0155 U
cis-Chlordane	0.094	4.2	MG/KG	0.0024 U	0.00235 U	0.00238 U	0.00231 U	0.00233 U
Dalapon	--	--	MG/KG	NA	NA	NA	NA	NA
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	MG/KG	0.00192 U	0.00188 U	0.0019 U	0.00185 U	0.00186 U
Dicamba	--	--	MG/KG	NA	NA	NA	NA	NA
Dichloroprop	--	--	MG/KG	NA	NA	NA	NA	NA
Dieldrin	0.005	0.2	MG/KG	0.0012 U	0.00118 U	0.00119 U	0.00116 U	0.00116 U
Endosulfan Sulfate	2.4	24	MG/KG	0.000799 U	0.000784 U	0.000794 U	0.00077 U	0.000776 U
Endrin	0.014	11	MG/KG	0.000799 U	0.000784 U	0.000794 U	0.00077 U	0.000776 U
Endrin Aldehyde	--	--	MG/KG	0.0024 U	0.00235 U	0.00238 U	0.00231 U	0.00233 U
Endrin Ketone	--	--	MG/KG	0.00192 U	0.00188 U	0.0019 U	0.00185 U	0.00186 U
Gamma Bhc (Lindane)	0.1	1.3	MG/KG	0.000799 U	0.000784 U	0.000794 U	0.00077 U	0.000776 U
Heptachlor	0.042	2.1	MG/KG	0.000959 U	0.00094 U	0.000953 U	0.000924 U	0.000931 U
Heptachlor Epoxide	--	--	MG/KG	0.0036 U	0.00353 U	0.00357 U	0.00347 U	0.00349 U
MCPA	--	--	MG/KG	NA	NA	NA	NA	NA
Methoxychlor	--	--	MG/KG	0.0036 U	0.00353 U	0.00357 U	0.00347 U	0.00349 U
P,P'-DDD	0.0033	13	MG/KG	0.00192 U	0.00188 U	0.0019 U	0.00185 U	0.00186 U
P,P'-DDE	0.0033	8.9	MG/KG	0.00192 U	0.00188 U	0.0019 U	0.00185 U	0.00186 U
P,P'-DDT	0.0033	7.9	MG/KG	0.00192 U	0.00188 U	0.0019 U	0.00185 U	0.00186 U
Silvex (2,4,5-TP)	3.8	100	MG/KG	0.206 U	0.2 U	0.196 U	0.196 U	0.204 U
Toxaphene	--	--	MG/KG	0.036 U	0.0353 U	0.0357 U	0.0347 U	0.0349 U
trans-Chlordane	--	--	MG/KG	0.0024 U	0.00235 U	0.00238 U	0.00231 U	0.00233 U

Attachment 1. Summary of Pesticides and Herbicides in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-12	SW-13	SW-14	SW-14	SW-15
			Sample Date:	12/21/2022	12/21/2022	12/21/2022	01/06/2023	12/21/2022
			Sample Depth (ft bls):	15 - 17	14 - 16	14 - 16	14 - 16	14 - 16
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
2,4-(Dichlorophenoxy)butyric acid	--	--	MG/KG	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	--	--	MG/KG	0.215 U	0.203 U	0.192 U	0.199 U	0.198 U
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	MG/KG	0.215 U	0.203 U	0.192 U	0.199 U	0.198 U
Aldrin	0.005	0.097	MG/KG	0.00207 U	0.00194 U	0.00181 U	0.00188 U	0.0019 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	MG/KG	0.000864 U	0.00081 U	0.000754 U	0.000786 U	0.000792 U
Alpha Endosulfan	2.4	24	MG/KG	0.00207 U	0.00194 U	0.00181 U	0.00188 U	0.0019 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	MG/KG	0.00207 U	0.00194 U	0.00181 U	0.00188 U	0.0019 U
Beta Endosulfan	2.4	24	MG/KG	0.00207 U	0.00194 U	0.00181 U	0.00188 U	0.0019 U
Chlordane	--	--	MG/KG	0.0173 U	0.0162 U	0.0151 U	0.0157 U	0.0158 U
cis-Chlordane	0.094	4.2	MG/KG	0.00259 U	0.00243 U	0.00226 U	0.00236 U	0.00238 U
Dalapon	--	--	MG/KG	NA	NA	NA	NA	NA
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	MG/KG	0.00207 U	0.00194 U	0.00181 U	0.00188 U	0.0019 U
Dicamba	--	--	MG/KG	NA	NA	NA	NA	NA
Dichloroprop	--	--	MG/KG	NA	NA	NA	NA	NA
Dieldrin	0.005	0.2	MG/KG	0.0013 U	0.00121 U	0.00113 U	0.00118 U	0.00119 U
Endosulfan Sulfate	2.4	24	MG/KG	0.000864 U	0.00081 U	0.000754 U	0.000786 U	0.000792 U
Endrin	0.014	11	MG/KG	0.000864 U	0.00081 U	0.000754 U	0.000786 U	0.000792 U
Endrin Aldehyde	--	--	MG/KG	0.00259 U	0.00243 U	0.00226 U	0.00236 U	0.00238 U
Endrin Ketone	--	--	MG/KG	0.00207 U	0.00194 U	0.00181 U	0.00188 U	0.0019 U
Gamma Bhc (Lindane)	0.1	1.3	MG/KG	0.000864 U	0.00081 U	0.000754 U	0.000786 U	0.000792 U
Heptachlor	0.042	2.1	MG/KG	0.00104 U	0.000972 U	0.000905 U	0.000943 U	0.00095 U
Heptachlor Epoxide	--	--	MG/KG	0.00389 U	0.00364 U	0.00339 U	0.00354 U	0.00356 U
MCPA	--	--	MG/KG	NA	NA	NA	NA	NA
Methoxychlor	--	--	MG/KG	0.00389 U	0.00364 U	0.00339 U	0.00354 U	0.00356 U
P,P'-DDD	0.0033	13	MG/KG	0.00207 U	0.00194 U	0.00181 U	0.00188 U	0.0019 U
P,P'-DDE	0.0033	8.9	MG/KG	0.00207 U	0.00194 U	0.00181 U	0.00188 U	0.0019 U
P,P'-DDT	0.0033	7.9	MG/KG	0.00207 U	0.00194 U	0.00181 U	0.00188 U	0.0019 U
Silvex (2,4,5-TP)	3.8	100	MG/KG	0.215 U	0.203 U	0.192 U	0.199 U	0.198 U
Toxaphene	--	--	MG/KG	0.0389 U	0.0364 U	0.0339 U	0.0354 U	0.0356 U
trans-Chlordane	--	--	MG/KG	0.00259 U	0.00243 U	0.00226 U	0.00236 U	0.00238 U

Attachment 1. Summary of Pesticides and Herbicides in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-16	SW-17	SW-18	SW-19	SW-19E
			Sample Date:	12/21/2022	12/21/2022	12/21/2022	03/15/2023	03/15/2023
			Sample Depth (ft bls):	14 - 16	14 - 16	14 - 16	22 - 24	16 - 18
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
2,4-(Dichlorophenoxy)butyric acid	--	--	MG/KG	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	--	--	MG/KG	0.194 U	0.207 U	0.197 U	0.197 U	0.212 U
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	MG/KG	0.194 U	0.207 U	0.197 U	0.197 U	0.212 U
Aldrin	0.005	0.097	MG/KG	0.00184 U	0.00191 U	0.00183 U	0.00189 U	0.00201 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	MG/KG	0.000769 U	0.000798 U	0.000762 U	0.000789 U	0.000838 U
Alpha Endosulfan	2.4	24	MG/KG	0.00184 U	0.00191 U	0.00183 U	0.00189 U	0.00201 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	MG/KG	0.00184 U	0.00191 U	0.00183 U	0.00189 U	0.00201 U
Beta Endosulfan	2.4	24	MG/KG	0.00184 U	0.00191 U	0.00183 U	0.00189 U	0.00201 U
Chlordane	--	--	MG/KG	0.0154 U	0.016 U	0.0152 U	0.0158 U	0.0168 U
cis-Chlordane	0.094	4.2	MG/KG	0.00231 U	0.00239 U	0.00229 U	0.00237 U	0.00251 U
Dalapon	--	--	MG/KG	NA	NA	NA	NA	NA
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	MG/KG	0.00184 U	0.00191 U	0.00183 U	0.00189 U	0.00201 U
Dicamba	--	--	MG/KG	NA	NA	NA	NA	NA
Dichloroprop	--	--	MG/KG	NA	NA	NA	NA	NA
Dieldrin	0.005	0.2	MG/KG	0.00115 U	0.0012 U	0.00114 U	0.00118 U	0.00126 U
Endosulfan Sulfate	2.4	24	MG/KG	0.000769 U	0.000798 U	0.000762 U	0.000789 U	0.000838 U
Endrin	0.014	11	MG/KG	0.000769 U	0.000798 U	0.000762 U	0.000789 U	0.000838 U
Endrin Aldehyde	--	--	MG/KG	0.00231 U	0.00239 U	0.00229 U	0.00237 U	0.00251 U
Endrin Ketone	--	--	MG/KG	0.00184 U	0.00191 U	0.00183 U	0.00189 U	0.00201 U
Gamma Bhc (Lindane)	0.1	1.3	MG/KG	0.000769 U	0.000798 U	0.000762 U	0.000789 U	0.000838 U
Heptachlor	0.042	2.1	MG/KG	0.000922 U	0.000957 U	0.000914 U	0.000947 U	0.001 U
Heptachlor Epoxide	--	--	MG/KG	0.00346 U	0.00359 U	0.00343 U	0.00355 U	0.00377 U
MCPA	--	--	MG/KG	NA	NA	NA	NA	NA
Methoxychlor	--	--	MG/KG	0.00346 U	0.00359 U	0.00343 U	0.00355 U	0.00377 U
P,P'-DDD	0.0033	13	MG/KG	0.00184 U	0.00191 U	0.00183 U	0.00189 U	0.00201 U
P,P'-DDE	0.0033	8.9	MG/KG	0.00184 U	0.00191 U	0.00183 U	0.00189 U	0.00201 U
P,P'-DDT	0.0033	7.9	MG/KG	0.00184 U	0.00191 U	0.00183 U	0.00189 U	0.00201 U
Silvex (2,4,5-TP)	3.8	100	MG/KG	0.194 U	0.207 U	0.197 U	0.197 U	0.212 U
Toxaphene	--	--	MG/KG	0.0346 U	0.0359 U	0.0343 U	0.0355 U	0.0377 U
trans-Chlordane	--	--	MG/KG	0.00231 U	0.00239 U	0.00229 U	0.00237 U	0.00251 U

Attachment 1. Summary of Pesticides and Herbicides in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-19N	SW-19S	SW-19W	SW-20	SW-21
			Sample Date:	03/15/2023	03/15/2023	03/15/2023	01/06/2023	01/06/2023
			Sample Depth (ft bls):	16 - 18	16 - 18	16 - 18	13 - 15	13 - 15
			Normal Sample or Field Duplicate:	N	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use SCO**	NYSDEC Part 375 Restricted Residential SCO	Units					
2,4-(Dichlorophenoxy)butyric acid	--	--	MG/KG	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	--	--	MG/KG	0.198 U	0.181 U	0.186 U	0.2 U	0.202 U
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	MG/KG	0.198 U	0.181 U	0.186 U	0.2 U	0.202 U
Aldrin	0.005	0.097	MG/KG	0.00188 U	0.0017 U	0.00174 U	0.0019 U	0.0019 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	MG/KG	0.000784 U	0.000711 U	0.000724 U	0.000792 U	0.000792 U
Alpha Endosulfan	2.4	24	MG/KG	0.00188 U	0.0017 U	0.00174 U	0.0019 U	0.0019 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	MG/KG	0.00188 U	0.0017 U	0.00174 U	0.0019 U	0.0019 U
Beta Endosulfan	2.4	24	MG/KG	0.00188 U	0.0017 U	0.00174 U	0.0019 U	0.0019 U
Chlordane	--	--	MG/KG	0.0157 U	0.0142 U	0.0145 U	0.0158 U	0.0158 U
cis-Chlordane	0.094	4.2	MG/KG	0.00235 U	0.00213 U	0.00217 U	0.00238 U	0.00238 U
Dalapon	--	--	MG/KG	NA	NA	NA	NA	NA
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	MG/KG	0.00188 U	0.0017 U	0.00174 U	0.0019 U	0.0019 U
Dicamba	--	--	MG/KG	NA	NA	NA	NA	NA
Dichloroprop	--	--	MG/KG	NA	NA	NA	NA	NA
Dieldrin	0.005	0.2	MG/KG	0.00118 U	0.00107 U	0.00109 U	0.00119 U	0.00119 U
Endosulfan Sulfate	2.4	24	MG/KG	0.000784 U	0.000711 U	0.000724 U	0.000792 U	0.000792 U
Endrin	0.014	11	MG/KG	0.000784 U	0.000711 U	0.000724 U	0.000792 U	0.000792 U
Endrin Aldehyde	--	--	MG/KG	0.00235 U	0.00213 U	0.00217 U	0.00238 U	0.00238 U
Endrin Ketone	--	--	MG/KG	0.00188 U	0.0017 U	0.00174 U	0.0019 U	0.0019 U
Gamma Bhc (Lindane)	0.1	1.3	MG/KG	0.000784 U	0.000711 U	0.000724 U	0.000792 U	0.000792 U
Heptachlor	0.042	2.1	MG/KG	0.00094 U	0.000853 U	0.000869 U	0.00095 U	0.000951 U
Heptachlor Epoxide	--	--	MG/KG	0.00353 U	0.0032 U	0.00326 U	0.00356 U	0.00356 U
MCPA	--	--	MG/KG	NA	NA	NA	NA	NA
Methoxychlor	--	--	MG/KG	0.00353 U	0.0032 U	0.00326 U	0.00356 U	0.00356 U
P,P'-DDD	0.0033	13	MG/KG	0.00188 U	0.0017 U	0.00174 U	0.0019 U	0.0019 U
P,P'-DDE	0.0033	8.9	MG/KG	0.00188 U	0.0017 U	0.00174 U	0.0019 U	0.0019 U
P,P'-DDT	0.0033	7.9	MG/KG	0.00188 U	0.0017 U	0.00174 U	0.0019 U	0.0019 U
Silvex (2,4,5-TP)	3.8	100	MG/KG	0.198 U	0.181 U	0.186 U	0.2 U	0.202 U
Toxaphene	--	--	MG/KG	0.0353 U	0.032 U	0.0326 U	0.0356 U	0.0356 U
trans-Chlordane	--	--	MG/KG	0.00235 U	0.00213 U	0.00217 U	0.00238 U	0.00238 U

Attachment 1. Summary of Per- and Polyfluoroalkyl Substances in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-1	EP-2	EP-3	EP-4
			Sample Date:	11/29/2022	11/28/2022	11/29/2022	02/08/2023
			Sample Depth (ft bls):	13 - 15	13 - 15	9 - 11	16 - 18
			Normal Sample or Field Duplicate:	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use GV**	NYSDEC Part 375 Restricted Residential GV	Units				
2-(N-methyl perfluorooctanesulfonamido) acetic acid	--	--	NG/G	0.592 U	0.567 U	0.602 U	0.608 U
N-ethyl perfluorooctanesulfonamidoacetic acid	--	--	NG/G	0.592 U	0.567 U	0.602 U	0.608 U
Perfluorobutanesulfonic acid (PFBS)	--	--	NG/G	0.296 U	0.283 U	0.301 UJ	0.304 U
Perfluorobutanoic Acid	--	--	NG/G	0.592 U	0.567 UJ	0.602 U	0.608 U
Perfluorodecane Sulfonic Acid	--	--	NG/G	0.592 U	0.567 U	0.602 U	0.608 U
Perfluorodecanoic acid (PFDA)	--	--	NG/G	0.296 U	0.283 UJ	0.301 U	0.304 U
Perfluorododecanoic acid (PFDoA)	--	--	NG/G	0.592 U	0.567 U	0.602 U	0.608 U
Perfluoroheptane Sulfonate (PFHPS)	--	--	NG/G	0.592 U	0.567 U	0.602 U	0.608 U
Perfluoroheptanoic acid (PFHpA)	--	--	NG/G	0.296 U	0.283 UJ	0.301 UJ	0.304 U
Perfluorohexanesulfonic acid (PFHxS)	--	--	NG/G	0.296 U	0.283 U	0.301 UJ	0.304 U
Perfluorohexanoic acid (PFHxA)	--	--	NG/G	0.592 UJ	0.567 UJ	0.602 UJ	0.608 U
Perfluorononanoic acid (PFNA)	--	--	NG/G	0.296 U	0.283 UJ	0.301 U	0.304 U
Perfluorooctane Sulfonamide (FOSA)	--	--	NG/G	0.592 U	0.567 U	0.602 U	0.608 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	NG/G	0.296 U	0.283 U	0.301 U	0.304 U
Perfluorooctanoic acid (PFOA)	0.66	33	NG/G	0.296 U	0.283 UJ	0.096 J	0.304 U
Perfluoropentanoic Acid (PFPeA)	--	--	NG/G	0.592 UJ	0.567 UJ	0.602 UJ	0.608 U
Perfluorotetradecanoic acid (PFTA)	--	--	NG/G	0.592 U	0.567 U	0.602 U	0.608 U
Perfluorotridecanoic Acid (PFTriA)	--	--	NG/G	0.592 U	0.567 U	0.602 U	0.608 U
Perfluoroundecanoic Acid (PFUnA)	--	--	NG/G	0.592 U	0.567 U	0.602 U	0.608 U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	--	--	NG/G	0.592 U	0.567 U	0.602 U	0.608 U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	--	--	NG/G	0.592 U	0.567 U	0.602 U	0.608 U
TOTAL PFOA AND PFOS	--	--	NG/G	0.296 U	0.283 U	0.096 J	0.304 U

Attachment 1. Summary of Per- and Polyfluoroalkyl Substances in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-5	EP-6	EP-7	EP-8
			Sample Date:	12/08/2022	11/08/2022	12/01/2022	10/20/2022
			Sample Depth (ft bls):	10 - 12	11 - 13	8 - 10	12 - 14
			Normal Sample or Field Duplicate:	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use GV**	NYSDEC Part 375 Restricted Residential GV	Units				
2-(N-methyl perfluorooctanesulfonamido) acetic acid	--	--	NG/G	0.516 U	0.652 U	0.63 U	0.531 U
N-ethyl perfluorooctanesulfonamidoacetic acid	--	--	NG/G	0.516 U	0.652 U	0.63 U	0.531 U
Perfluorobutanesulfonic acid (PFBS)	--	--	NG/G	0.258 U	0.326 U	0.315 U	0.266 U
Perfluorobutanoic Acid	--	--	NG/G	0.516 U	0.652 U	0.63 U	0.531 U
Perfluorodecane Sulfonic Acid	--	--	NG/G	0.516 U	0.652 U	0.63 U	0.531 U
Perfluorodecanoic acid (PFDA)	--	--	NG/G	0.258 U	0.326 U	0.315 U	0.266 U
Perfluorododecanoic acid (PFDoA)	--	--	NG/G	0.516 U	0.652 U	0.63 U	0.531 U
Perfluoroheptane Sulfonate (PFHPS)	--	--	NG/G	0.516 U	0.652 U	0.63 U	0.531 U
Perfluoroheptanoic acid (PFHpA)	--	--	NG/G	0.258 U	0.326 U	0.315 U	0.266 U
Perfluorohexanesulfonic acid (PFHxS)	--	--	NG/G	0.258 U	0.326 U	0.315 U	0.266 U
Perfluorohexanoic acid (PFHxA)	--	--	NG/G	0.516 U	0.652 U	0.63 U	0.531 U
Perfluorononanoic acid (PFNA)	--	--	NG/G	0.258 U	0.326 U	0.315 U	0.266 U
Perfluorooctane Sulfonamide (FOSA)	--	--	NG/G	0.516 U	0.652 U	0.63 U	0.531 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	NG/G	0.258 U	0.326 U	0.315 U	0.266 U
Perfluorooctanoic acid (PFOA)	0.66	33	NG/G	0.258 U	0.326 U	0.315 U	0.266 U
Perfluoropentanoic Acid (PFPeA)	--	--	NG/G	0.516 U	0.652 U	0.63 U	0.531 U
Perfluorotetradecanoic acid (PFTA)	--	--	NG/G	0.516 U	0.652 U	0.63 U	0.531 U
Perfluorotridecanoic Acid (PFTriA)	--	--	NG/G	0.516 U	0.652 U	0.63 U	0.531 U
Perfluoroundecanoic Acid (PFUnA)	--	--	NG/G	0.516 U	0.652 U	0.63 U	0.531 U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	--	--	NG/G	0.516 U	0.652 U	0.63 U	0.531 U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	--	--	NG/G	0.516 U	0.652 U	0.63 U	0.531 U
TOTAL PFOA AND PFOS	--	--	NG/G	0.258 U	0.326 U	0.315 U	0.266 U

Attachment 1. Summary of Per- and Polyfluoroalkyl Substances in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-9	EP-9	EP-10	EP-11
			Sample Date:	12/01/2022	12/01/2022	11/08/2022	10/20/2022
			Sample Depth (ft bls):	11 - 13	11 - 13	14 - 16	15 - 17
			Normal Sample or Field Duplicate:	N	FD	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use GV**	NYSDEC Part 375 Restricted Residential GV	Units				
2-(N-methyl perfluorooctanesulfonamido) acetic acid	--	--	NG/G	0.613 U	0.548 U	0.627 U	0.574 U
N-ethyl perfluorooctanesulfonamidoacetic acid	--	--	NG/G	0.613 U	0.548 U	0.627 U	0.574 U
Perfluorobutanesulfonic acid (PFBS)	--	--	NG/G	0.307 U	0.274 U	0.313 U	0.287 U
Perfluorobutanoic Acid	--	--	NG/G	0.613 U	0.548 U	0.627 U	0.574 U
Perfluorodecane Sulfonic Acid	--	--	NG/G	0.613 U	0.548 U	0.627 U	0.574 U
Perfluorodecanoic acid (PFDA)	--	--	NG/G	0.307 U	0.274 U	0.313 U	0.287 U
Perfluorododecanoic acid (PFDoA)	--	--	NG/G	0.613 U	0.548 U	0.627 U	0.574 U
Perfluoroheptane Sulfonate (PFHPS)	--	--	NG/G	0.613 U	0.548 U	0.627 U	0.574 U
Perfluoroheptanoic acid (PFHpA)	--	--	NG/G	0.307 U	0.274 U	0.313 U	0.287 U
Perfluorohexanesulfonic acid (PFHxS)	--	--	NG/G	0.307 U	0.274 U	0.313 U	0.287 U
Perfluorohexanoic acid (PFHxA)	--	--	NG/G	0.613 U	0.548 U	0.627 U	0.574 U
Perfluorononanoic acid (PFNA)	--	--	NG/G	0.307 U	0.274 U	0.313 U	0.287 U
Perfluorooctane Sulfonamide (FOSA)	--	--	NG/G	0.613 U	0.548 U	0.627 U	0.574 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	NG/G	0.307 U	0.274 U	0.313 U	0.287 U
Perfluorooctanoic acid (PFOA)	0.66	33	NG/G	0.307 U	0.274 U	0.313 U	0.287 U
Perfluoropentanoic Acid (PFPeA)	--	--	NG/G	0.613 U	0.548 U	0.627 U	0.574 U
Perfluorotetradecanoic acid (PFTA)	--	--	NG/G	0.613 U	0.548 U	0.627 U	0.574 U
Perfluorotridecanoic Acid (PFTriA)	--	--	NG/G	0.613 U	0.548 U	0.627 U	0.574 U
Perfluoroundecanoic Acid (PFUnA)	--	--	NG/G	0.613 U	0.548 U	0.627 U	0.574 U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	--	--	NG/G	0.613 U	0.548 U	0.627 U	0.574 U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	--	--	NG/G	0.613 U	0.548 U	0.627 U	0.574 U
TOTAL PFOA AND PFOS	--	--	NG/G	0.307 U	0.274 U	0.313 U	0.287 U

Attachment 1. Summary of Per- and Polyfluoroalkyl Substances in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-12	EP-13	EP-14	EP-15
			Sample Date:	10/20/2022	12/01/2022	10/20/2022	10/07/2022
			Sample Depth (ft bls):	14 - 16	14 - 16	14 - 16	6 - 8
			Normal Sample or Field Duplicate:	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use GV**	NYSDEC Part 375 Restricted Residential GV	Units				
2-(N-methyl perfluorooctanesulfonamido) acetic acid	--	--	NG/G	0.599 U	0.587 U	0.672 U	0.546 U
N-ethyl perfluorooctanesulfonamidoacetic acid	--	--	NG/G	0.599 U	0.587 U	0.672 U	0.546 U
Perfluorobutanesulfonic acid (PFBS)	--	--	NG/G	0.3 U	0.294 U	0.336 U	0.273 U
Perfluorobutanoic Acid	--	--	NG/G	0.599 U	0.587 U	0.672 U	0.025 J
Perfluorodecane Sulfonic Acid	--	--	NG/G	0.599 U	0.587 U	0.672 U	0.546 U
Perfluorodecanoic acid (PFDA)	--	--	NG/G	0.3 U	0.294 U	0.336 U	0.273 UJ
Perfluorododecanoic acid (PFDoA)	--	--	NG/G	0.599 U	0.587 U	0.672 U	0.546 U
Perfluoroheptane Sulfonate (PFHPS)	--	--	NG/G	0.599 U	0.587 U	0.672 U	0.546 U
Perfluoroheptanoic acid (PFHpA)	--	--	NG/G	0.3 U	0.294 U	0.336 U	0.273 UJ
Perfluorohexanesulfonic acid (PFHxS)	--	--	NG/G	0.3 U	0.294 U	0.336 U	0.273 U
Perfluorohexanoic acid (PFHxA)	--	--	NG/G	0.599 U	0.587 U	0.672 U	0.546 UJ
Perfluorononanoic acid (PFNA)	--	--	NG/G	0.3 U	0.294 U	0.336 U	0.273 UJ
Perfluorooctane Sulfonamide (FOSA)	--	--	NG/G	0.599 U	0.587 U	0.672 U	0.546 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	NG/G	0.3 U	0.294 U	0.336 U	0.273 U
Perfluorooctanoic acid (PFOA)	0.66	33	NG/G	0.3 U	0.294 U	0.336 U	0.273 UJ
Perfluoropentanoic Acid (PFPeA)	--	--	NG/G	0.599 U	0.587 U	0.672 U	0.546 UJ
Perfluorotetradecanoic acid (PFTA)	--	--	NG/G	0.599 U	0.587 U	0.672 U	0.546 U
Perfluorotridecanoic Acid (PFTriA)	--	--	NG/G	0.599 U	0.587 U	0.672 U	0.546 U
Perfluoroundecanoic Acid (PFUnA)	--	--	NG/G	0.599 U	0.587 U	0.672 U	0.546 U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	--	--	NG/G	0.599 U	0.587 U	0.672 U	0.546 U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	--	--	NG/G	0.599 U	0.587 U	0.672 U	0.546 U
TOTAL PFOA AND PFOS	--	--	NG/G	0.3 U	0.294 U	0.336 U	0.273 UJ

Attachment 1. Summary of Per- and Polyfluoroalkyl Substances in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-16	EP-17	EP-18	EP-19
			Sample Date:	10/07/2022	10/07/2022	12/08/2022	10/07/2022
			Sample Depth (ft bls):	9 - 11	9 - 11	13 - 15	8 - 10
			Normal Sample or Field Duplicate:	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use GV**	NYSDEC Part 375 Restricted Residential GV	Units				
2-(N-methyl perfluorooctanesulfonamido) acetic acid	--	--	NG/G	0.584 U	0.57 U	0.56 U	0.557 U
N-ethyl perfluorooctanesulfonamidoacetic acid	--	--	NG/G	0.584 U	0.57 U	0.56 U	0.557 U
Perfluorobutanesulfonic acid (PFBS)	--	--	NG/G	0.292 U	0.285 U	0.28 U	0.279 U
Perfluorobutanoic Acid	--	--	NG/G	0.584 UJ	0.57 UJ	0.56 U	0.557 U
Perfluorodecane Sulfonic Acid	--	--	NG/G	0.584 U	0.57 U	0.56 U	0.557 U
Perfluorodecanoic acid (PFDA)	--	--	NG/G	0.292 U	0.285 U	0.28 U	0.279 U
Perfluorododecanoic acid (PFDoA)	--	--	NG/G	0.584 U	0.57 U	0.56 U	0.557 U
Perfluoroheptane Sulfonate (PFHPS)	--	--	NG/G	0.584 U	0.57 U	0.56 U	0.557 U
Perfluoroheptanoic acid (PFHpA)	--	--	NG/G	0.292 UJ	0.285 UJ	0.28 U	0.279 U
Perfluorohexanesulfonic acid (PFHxS)	--	--	NG/G	0.292 U	0.285 U	0.28 U	0.279 U
Perfluorohexanoic acid (PFHxA)	--	--	NG/G	0.584 UJ	0.57 UJ	0.56 U	0.557 U
Perfluorononanoic acid (PFNA)	--	--	NG/G	0.292 UJ	0.285 U	0.28 U	0.279 U
Perfluorooctane Sulfonamide (FOSA)	--	--	NG/G	0.584 U	0.57 U	0.56 U	0.557 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	NG/G	0.292 U	0.285 U	0.28 U	0.279 U
Perfluorooctanoic acid (PFOA)	0.66	33	NG/G	0.292 UJ	0.285 U	0.28 U	0.279 U
Perfluoropentanoic Acid (PFPeA)	--	--	NG/G	0.584 U	0.57 U	0.56 U	0.557 U
Perfluorotetradecanoic acid (PFTA)	--	--	NG/G	0.584 U	0.57 U	0.56 U	0.557 U
Perfluorotridecanoic Acid (PFTriA)	--	--	NG/G	0.584 U	0.57 U	0.56 U	0.557 U
Perfluoroundecanoic Acid (PFUnA)	--	--	NG/G	0.584 U	0.57 U	0.56 U	0.557 U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	--	--	NG/G	0.584 U	0.57 U	0.56 U	0.557 U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	--	--	NG/G	0.584 U	0.57 U	0.56 U	0.557 U
TOTAL PFOA AND PFOS	--	--	NG/G	0.292 UJ	0.285 U	0.28 U	0.279 U

Attachment 1. Summary of Per- and Polyfluoroalkyl Substances in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	EP-20	SW-9	SW-10	SW-10
			Sample Date:	10/25/2022	12/21/2022	12/21/2022	12/21/2022
			Sample Depth (ft bls):	11 - 13	14 - 16	14 - 16	14 - 16
			Normal Sample or Field Duplicate:	N	N	N	FD
Parameter	**NYSDEC Part 375 Unrestricted Use GV**	NYSDEC Part 375 Restricted Residential GV	Units				
2-(N-methyl perfluorooctanesulfonamido) acetic acid	--	--	NG/G	0.583 U	0.58 U	0.551 U	0.558 U
N-ethyl perfluorooctanesulfonamidoacetic acid	--	--	NG/G	0.583 U	0.58 U	0.551 U	0.558 U
Perfluorobutanesulfonic acid (PFBS)	--	--	NG/G	0.292 U	0.29 U	0.276 U	0.279 U
Perfluorobutanoic Acid	--	--	NG/G	0.583 U	0.58 U	0.551 U	0.558 U
Perfluorodecane Sulfonic Acid	--	--	NG/G	0.583 U	0.58 U	0.551 U	0.558 U
Perfluorodecanoic acid (PFDA)	--	--	NG/G	0.292 U	0.29 U	0.276 U	0.279 U
Perfluorododecanoic acid (PFDoA)	--	--	NG/G	0.583 U	0.58 U	0.551 U	0.558 U
Perfluoroheptane Sulfonate (PFHPS)	--	--	NG/G	0.583 U	0.58 U	0.551 U	0.558 U
Perfluoroheptanoic acid (PFHpA)	--	--	NG/G	0.292 U	0.29 U	0.276 U	0.279 U
Perfluorohexanesulfonic acid (PFHxS)	--	--	NG/G	0.292 U	0.29 U	0.276 U	0.279 U
Perfluorohexanoic acid (PFHxA)	--	--	NG/G	0.583 U	0.58 U	0.551 U	0.558 U
Perfluorononanoic acid (PFNA)	--	--	NG/G	0.292 U	0.29 U	0.276 U	0.279 U
Perfluorooctane Sulfonamide (FOSA)	--	--	NG/G	0.583 U	0.58 U	0.551 U	0.558 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	NG/G	0.292 U	0.29 U	0.276 U	0.279 U
Perfluorooctanoic acid (PFOA)	0.66	33	NG/G	0.292 U	0.103 J	0.066 J	0.067 J
Perfluoropentanoic Acid (PFPeA)	--	--	NG/G	0.583 U	0.58 U	0.551 U	0.558 U
Perfluorotetradecanoic acid (PFTA)	--	--	NG/G	0.583 U	0.58 U	0.551 U	0.558 U
Perfluorotridecanoic Acid (PFTriA)	--	--	NG/G	0.583 U	0.58 U	0.551 U	0.558 U
Perfluoroundecanoic Acid (PFUnA)	--	--	NG/G	0.583 U	0.58 U	0.551 U	0.558 U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	--	--	NG/G	0.583 U	0.58 U	0.551 U	0.558 U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	--	--	NG/G	0.583 U	0.58 U	0.551 U	0.558 U
TOTAL PFOA AND PFOS	--	--	NG/G	0.292 U	0.103 J	0.066 J	0.067 J

Attachment 1. Summary of Per- and Polyfluoroalkyl Substances in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-11	SW-12	SW-13	SW-14
			Sample Date:	12/21/2022	12/21/2022	12/21/2022	12/21/2022
			Sample Depth (ft bls):	15 - 17	15 - 17	14 - 16	14 - 16
			Normal Sample or Field Duplicate:	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use GV**	NYSDEC Part 375 Restricted Residential GV	Units				
2-(N-methyl perfluorooctanesulfonamido) acetic acid	--	--	NG/G	0.563 U	0.604 U	0.577 U	0.575 U
N-ethyl perfluorooctanesulfonamidoacetic acid	--	--	NG/G	0.135 EMPC	0.604 U	0.577 U	0.575 U
Perfluorobutanesulfonic acid (PFBS)	--	--	NG/G	0.281 U	0.302 U	0.288 U	0.288 U
Perfluorobutanoic Acid	--	--	NG/G	0.563 U	0.604 U	0.577 U	0.575 U
Perfluorodecane Sulfonic Acid	--	--	NG/G	0.563 U	0.604 U	0.577 U	0.575 U
Perfluorodecanoic acid (PFDA)	--	--	NG/G	0.281 U	0.302 U	0.288 U	0.288 U
Perfluorododecanoic acid (PFDoA)	--	--	NG/G	0.563 U	0.604 U	0.577 U	0.575 U
Perfluoroheptane Sulfonate (PFHPS)	--	--	NG/G	0.563 U	0.604 U	0.577 U	0.575 U
Perfluoroheptanoic acid (PFHpA)	--	--	NG/G	0.281 U	0.302 U	0.288 U	0.288 U
Perfluorohexanesulfonic acid (PFHxS)	--	--	NG/G	0.281 U	0.302 U	0.288 U	0.288 U
Perfluorohexanoic acid (PFHxA)	--	--	NG/G	0.563 U	0.604 U	0.577 U	0.575 U
Perfluorononanoic acid (PFNA)	--	--	NG/G	0.281 U	0.302 U	0.288 U	0.288 U
Perfluorooctane Sulfonamide (FOSA)	--	--	NG/G	0.563 U	0.604 U	0.577 U	0.575 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	NG/G	0.281 U	0.302 U	0.288 U	0.288 U
Perfluorooctanoic acid (PFOA)	0.66	33	NG/G	0.281 U	0.077 J	0.288 U	0.288 U
Perfluoropentanoic Acid (PFPeA)	--	--	NG/G	0.563 U	0.604 U	0.577 U	0.575 U
Perfluorotetradecanoic acid (PFTA)	--	--	NG/G	0.563 U	0.604 U	0.577 U	0.575 U
Perfluorotridecanoic Acid (PFTriA)	--	--	NG/G	0.563 U	0.604 U	0.577 U	0.575 U
Perfluoroundecanoic Acid (PFUnA)	--	--	NG/G	0.563 U	0.604 U	0.577 U	0.575 U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	--	--	NG/G	0.563 U	0.604 U	0.577 U	0.575 U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	--	--	NG/G	0.563 U	0.604 U	0.577 U	0.575 U
TOTAL PFOA AND PFOS	--	--	NG/G	0.281 U	0.077 J	0.288 U	0.288 U

Attachment 1. Summary of Per- and Polyfluoroalkyl Substances in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-14	SW-15	SW-16	SW-17
			Sample Date:	01/06/2023	12/21/2022	12/21/2022	12/21/2022
			Sample Depth (ft bls):	14 - 16	14 - 16	14 - 16	14 - 16
			Normal Sample or Field Duplicate:	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use GV**	NYSDEC Part 375 Restricted Residential GV	Units				
2-(N-methyl perfluorooctanesulfonamido) acetic acid	--	--	NG/G	0.577 U	0.534 U	0.583 U	0.62 U
N-ethyl perfluorooctanesulfonamidoacetic acid	--	--	NG/G	0.577 U	0.534 U	0.583 U	0.62 U
Perfluorobutanesulfonic acid (PFBS)	--	--	NG/G	0.289 U	0.267 U	0.292 U	0.31 U
Perfluorobutanoic Acid	--	--	NG/G	0.577 U	0.534 U	0.583 U	0.62 U
Perfluorodecane Sulfonic Acid	--	--	NG/G	0.577 U	0.534 U	0.583 U	0.62 U
Perfluorodecanoic acid (PFDA)	--	--	NG/G	0.289 U	0.267 U	0.292 U	0.31 U
Perfluorododecanoic acid (PFDoA)	--	--	NG/G	0.577 U	0.534 U	0.583 U	0.62 U
Perfluoroheptane Sulfonate (PFHPS)	--	--	NG/G	0.577 U	0.534 U	0.583 U	0.62 U
Perfluoroheptanoic acid (PFHpA)	--	--	NG/G	0.289 U	0.267 U	0.292 U	0.31 U
Perfluorohexanesulfonic acid (PFHxS)	--	--	NG/G	0.289 U	0.267 U	0.292 U	0.31 U
Perfluorohexanoic acid (PFHxA)	--	--	NG/G	0.577 U	0.534 U	0.583 U	0.62 U
Perfluorononanoic acid (PFNA)	--	--	NG/G	0.289 U	0.267 U	0.292 U	0.31 U
Perfluorooctane Sulfonamide (FOSA)	--	--	NG/G	0.577 U	0.534 U	0.583 U	0.62 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	NG/G	0.289 U	0.267 U	0.292 U	0.31 U
Perfluorooctanoic acid (PFOA)	0.66	33	NG/G	0.289 U	0.267 U	0.292 U	0.31 U
Perfluoropentanoic Acid (PFPeA)	--	--	NG/G	0.577 U	0.534 UJ	0.583 U	0.62 U
Perfluorotetradecanoic acid (PFTA)	--	--	NG/G	0.577 U	0.534 U	0.583 U	0.62 U
Perfluorotridecanoic Acid (PFTriA)	--	--	NG/G	0.577 U	0.534 U	0.583 U	0.62 U
Perfluoroundecanoic Acid (PFUnA)	--	--	NG/G	0.577 U	0.534 U	0.583 U	0.62 U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	--	--	NG/G	0.577 U	0.534 U	0.583 U	0.62 U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	--	--	NG/G	0.577 U	0.534 U	0.583 U	0.62 U
TOTAL PFOA AND PFOS	--	--	NG/G	0.289 U	0.267 U	0.292 U	0.31 U

Attachment 1. Summary of Per- and Polyfluoroalkyl Substances in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-18	SW-19	SW-19-E	SW-19-N
			Sample Date:	12/21/2022	03/15/2023	03/15/2023	03/15/2023
			Sample Depth (ft bls):	14 - 16	22 - 24	16 - 18	16 - 18
			Normal Sample or Field Duplicate:	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use GV**	NYSDEC Part 375 Restricted Residential GV	Units				
2-(N-methyl perfluorooctanesulfonamido) acetic acid	--	--	NG/G	0.556 U	0.577 U	0.595 U	1.84 U
N-ethyl perfluorooctanesulfonamidoacetic acid	--	--	NG/G	0.556 U	0.577 UJ	0.595 U	1.84 UJ
Perfluorobutanesulfonic acid (PFBS)	--	--	NG/G	0.278 U	0.288 U	0.298 U	0.922 UJ
Perfluorobutanoic Acid	--	--	NG/G	0.556 U	0.577 U	0.595 U	1.84 UJ
Perfluorodecane Sulfonic Acid	--	--	NG/G	0.556 U	0.577 U	0.595 U	1.84 U
Perfluorodecanoic acid (PFDA)	--	--	NG/G	0.278 U	0.288 U	0.298 U	0.922 UJ
Perfluorododecanoic acid (PFDoA)	--	--	NG/G	0.556 U	0.577 U	0.595 U	1.84 U
Perfluoroheptane Sulfonate (PFHPS)	--	--	NG/G	0.556 U	0.577 U	0.595 U	1.84 U
Perfluoroheptanoic acid (PFHpA)	--	--	NG/G	0.278 U	0.288 U	0.298 U	0.922 UJ
Perfluorohexanesulfonic acid (PFHxS)	--	--	NG/G	0.278 U	0.288 U	0.298 U	0.922 UJ
Perfluorohexanoic acid (PFHxA)	--	--	NG/G	0.556 U	0.577 U	0.595 U	1.84 UJ
Perfluorononanoic acid (PFNA)	--	--	NG/G	0.278 U	0.288 U	0.298 U	0.922 UJ
Perfluorooctane Sulfonamide (FOSA)	--	--	NG/G	0.556 U	0.577 U	0.595 U	0.564 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	NG/G	0.278 U	0.288 U	0.298 U	0.922 UJ
Perfluorooctanoic acid (PFOA)	0.66	33	NG/G	0.278 U	0.288 U	0.298 U	0.922 UJ
Perfluoropentanoic Acid (PFPeA)	--	--	NG/G	0.556 U	0.577 U	0.595 U	1.84 UJ
Perfluorotetradecanoic acid (PFTA)	--	--	NG/G	0.556 U	0.577 U	0.595 U	1.84 U
Perfluorotridecanoic Acid (PFTriA)	--	--	NG/G	0.556 U	0.577 U	0.595 U	1.84 U
Perfluoroundecanoic Acid (PFUnA)	--	--	NG/G	0.556 U	0.577 U	0.595 U	1.84 UJ
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	--	--	NG/G	0.556 U	0.577 U	0.595 U	1.84 U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	--	--	NG/G	0.556 U	0.577 U	0.595 U	1.84 U
TOTAL PFOA AND PFOS	--	--	NG/G	0.278 U	0.288 U	0.298 U	0.922 UJ

Attachment 1. Summary of Per- and Polyfluoroalkyl Substances in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

			Sample Designation:	SW-19S	SW-19W	SW-20	SW-21
			Sample Date:	03/15/2023	03/15/2023	01/06/2023	01/06/2023
			Sample Depth (ft bls):	16 - 18	16 - 18	13 - 15	13 - 15
			Normal Sample or Field Duplicate:	N	N	N	N
Parameter	**NYSDEC Part 375 Unrestricted Use GV**	NYSDEC Part 375 Restricted Residential GV	Units				
2-(N-methyl perfluorooctanesulfonamido) acetic acid	--	--	NG/G	0.62 U	0.522 U	0.545 U	0.586 U
N-ethyl perfluorooctanesulfonamidoacetic acid	--	--	NG/G	0.62 U	0.522 U	0.545 U	0.586 U
Perfluorobutanesulfonic acid (PFBS)	--	--	NG/G	0.31 U	0.261 U	0.272 U	0.293 U
Perfluorobutanoic Acid	--	--	NG/G	0.62 U	0.522 U	0.545 U	0.586 UJ
Perfluorodecane Sulfonic Acid	--	--	NG/G	0.62 U	0.522 U	0.545 U	0.586 U
Perfluorodecanoic acid (PFDA)	--	--	NG/G	0.31 U	0.261 U	0.272 U	0.293 U
Perfluorododecanoic acid (PFDoA)	--	--	NG/G	0.62 U	0.522 U	0.545 U	0.586 U
Perfluoroheptane Sulfonate (PFHPS)	--	--	NG/G	0.62 U	0.522 U	0.545 U	0.586 U
Perfluoroheptanoic acid (PFHpA)	--	--	NG/G	0.31 U	0.261 U	0.272 U	0.293 UJ
Perfluorohexanesulfonic acid (PFHxS)	--	--	NG/G	0.31 U	0.261 U	0.272 U	0.293 U
Perfluorohexanoic acid (PFHxA)	--	--	NG/G	0.62 U	0.522 U	0.545 U	0.586 UJ
Perfluorononanoic acid (PFNA)	--	--	NG/G	0.31 U	0.261 U	0.272 U	0.293 UJ
Perfluorooctane Sulfonamide (FOSA)	--	--	NG/G	0.62 U	0.522 U	0.545 U	0.586 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	NG/G	0.31 U	0.261 U	0.272 U	0.293 U
Perfluorooctanoic acid (PFOA)	0.66	33	NG/G	0.31 U	0.261 U	0.272 U	0.088 J
Perfluoropentanoic Acid (PFPeA)	--	--	NG/G	0.62 U	0.522 U	0.545 U	0.586 UJ
Perfluorotetradecanoic acid (PFTA)	--	--	NG/G	0.62 U	0.522 U	0.545 U	0.586 U
Perfluorotridecanoic Acid (PFTriA)	--	--	NG/G	0.62 U	0.522 U	0.545 U	0.586 U
Perfluoroundecanoic Acid (PFUnA)	--	--	NG/G	0.62 U	0.522 U	0.545 U	0.586 U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	--	--	NG/G	0.62 U	0.522 U	0.545 U	0.586 U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	--	--	NG/G	0.62 U	0.522 U	0.545 U	0.586 U
TOTAL PFOA AND PFOS	--	--	NG/G	0.31 U	0.261 U	0.272 U	0.088 J

Attachment 1. Summary of TCLP Metals in Endpoint Soil Samples, 2-33 50th Avenue, Long Island City, New York

		Sample Designation:	EP-21	EP-22	EP-23	EP-28	EP-8
		Sample Date:	01/26/2023	01/26/2023	01/26/2023	03/17/2023	10/20/2022
		Sample Depth (ft bls):	2 - 4	2 - 4	2 - 4	2 - 4	7 - 8
Parameter	**USEPA Regulatory Levels (mg/L)**	Units					
Lead	5	MG/L	0.0611 J	0.5 U	0.175 J	0.5 U	0.103 J

Attachment 2

ProUCL Output

Parameter	NYSDEC Part 375 Unrestricted Use SCO	Units	95% Value	Units	Meets Track 1 SCO (Y/N)
Acetone	0.05	MG/KG	0.050	MG/KG	Yes*
Benzo(A)Pyrene	1	MG/KG	0.6	MG/KG	Yes
Benzo(A)Anthracene	1	MG/KG	0.5	MG/KG	Yes
Benzo(B)Fluoranthene	1	MG/KG	0.85	MG/KG	Yes
Benzo(K)Fluoranthene	0.8	MG/KG	0.2	MG/KG	Yes
Chrysene	1	MG/KG	0.3	MG/KG	Yes
Dibenz(A,H)Anthracene	0.33	MG/KG	0.1	MG/KG	Yes
Indeno(1,2,3-C,D)Pyrene	0.5	MG/KG	0.2	MG/KG	Yes
Lead	63	MG/KG	21	MG/KG	Yes
Mercury	0.18	MG/KG	0.09	MG/KG	Yes

*At UUSCO limit

UCL Statistics for Data Sets with Non-Detects

User Selected Options	
Date/Time of Computation	ProUCL 5.2 12/11/2023 3:47:19 PM
From File	ProUCL_data_2887_0004Y_SelectedParameters.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Acetone

General Statistics

Total Number of Observations	39	Number of Distinct Observations	27
		Number of Missing Observations	1
Number of Detects	26	Number of Non-Detects	13
Number of Distinct Detects	21	Number of Distinct Non-Detects	8
Minimum Detect	0.007	Minimum Non-Detect	0.011
Maximum Detect	0.43	Maximum Non-Detect	14
Variance Detects	0.00666	Percent Non-Detects	33.33%
Mean Detects	0.0385	SD Detects	0.0816
Median Detects	0.0185	CV Detects	2.123
Skewness Detects	4.773	Kurtosis Detects	23.55
Mean of Logged Detects	-3.846	SD of Logged Detects	0.84

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.343	**Shapiro Wilk GOF Test**
1% Shapiro Wilk Critical Value	0.891	Detected Data Not Normal at 1% Significance Level
Lilliefors Test Statistic	0.406	**Lilliefors GOF Test**
1% Lilliefors Critical Value	0.199	Detected Data Not Normal at 1% Significance Level

Detected Data Not Normal at 1% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

KM Mean	0.0304	KM Standard Error of Mean	0.0118
90KM SD	0.0693	95% KM (BCA) UCL	0.0544
95% KM (t) UCL	0.0503	95% KM (Percentile Bootstrap) UCL	0.0533
95% KM (z) UCL	0.0498	95% KM Bootstrap t UCL	0.138
90% KM Chebyshev UCL	0.0657	95% KM Chebyshev UCL	0.0817
97.5% KM Chebyshev UCL	0.104	99% KM Chebyshev UCL	0.148

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	3.022	**Anderson-Darling GOF Test**
5% A-D Critical Value	0.774	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.296	**Kolmogorov-Smirnov GOF**
5% K-S Critical Value	0.176	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.984	k star (bias corrected MLE)	0.896
Theta hat (MLE)	0.0391	Theta star (bias corrected MLE)	0.0429
nu hat (MLE)	51.15	nu star (bias corrected)	46.58
Mean (detects)	0.0385		

53											
54	**Gamma ROS Statistics using Imputed Non-Detects**										
55	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs										
56	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)										
57	For such situations, GROS method may yield incorrect values of UCLs and BTVs										
58	This is especially true when the sample size is small.										
59	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates										
60				Minimum	0.007			Mean	0.029		
61				Maximum	0.43			Median	0.011		
62				SD	0.0676			CV	2.333		
63				k hat (MLE)	1.031			k star (bias corrected MLE)	0.969		
64				Theta hat (MLE)	0.0281			Theta star (bias corrected MLE)	0.0299		
65				nu hat (MLE)	80.45			nu star (bias corrected)	75.59		
66				Adjusted Level of Significance (β)	0.0437						
67				Approximate Chi Square Value (75.59, α)	56.57			Adjusted Chi Square Value (75.59, β)	55.92		
68				95% Gamma Approximate UCL	0.0387			95% Gamma Adjusted UCL	0.0392		
69											
70	**Estimates of Gamma Parameters using KM Estimates**										
71				Mean (KM)	0.0304			SD (KM)	0.0693		
72				Variance (KM)	0.0048			SE of Mean (KM)	0.0118		
73				k hat (KM)	0.193			k star (KM)	0.195		
74				nu hat (KM)	15.04			nu star (KM)	15.22		
75				theta hat (KM)	0.158			theta star (KM)	0.156		
76				80% gamma percentile (KM)	0.0395			90% gamma percentile (KM)	0.092		
77				95% gamma percentile (KM)	0.158			99% gamma percentile (KM)	0.339		
78											
79	**Gamma Kaplan-Meier (KM) Statistics**										
80				Approximate Chi Square Value (15.22, α)	7.414			Adjusted Chi Square Value (15.22, β)	7.198		
81				95% KM Approximate Gamma UCL	0.0624			95% KM Adjusted Gamma UCL	0.0643		
82	**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**										
83											
84	**Lognormal GOF Test on Detected Observations Only**										
85				Shapiro Wilk Test Statistic	0.839			**Shapiro Wilk GOF Test**			
86				10% Shapiro Wilk Critical Value	0.933			Detected Data Not Lognormal at 10% Significance Level			
87				Lilliefors Test Statistic	0.181			**Lilliefors GOF Test**			
88				10% Lilliefors Critical Value	0.156			Detected Data Not Lognormal at 10% Significance Level			
89	**Detected Data Not Lognormal at 10% Significance Level**										
90											
91	**Lognormal ROS Statistics Using Imputed Non-Detects**										
92				Mean in Original Scale	0.029			Mean in Log Scale	-4.12		
93				SD in Original Scale	0.0676			SD in Log Scale	0.815		
94				95% t UCL (assumes normality of ROS data)	0.0472			95% Percentile Bootstrap UCL	0.0495		
95				95% BCA Bootstrap UCL	0.064			95% Bootstrap t UCL	0.129		
96				95% H-UCL (Log ROS)	0.0303						
97											
98	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**										
99				KM Mean (logged)	-4.074			KM Geo Mean	0.017		
100				KM SD (logged)	0.795			95% Critical H Value (KM-Log)	2.181		
101				KM Standard Error of Mean (logged)	0.137			95% H-UCL (KM -Log)	0.0309		
102				KM SD (logged)	0.795			95% Critical H Value (KM-Log)	2.181		
103				KM Standard Error of Mean (logged)	0.137						
104	**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**										

105												
106	**DL/2 Statistics**											
107	**DL/2 Normal**						**DL/2 Log-Transformed**					
108				Mean in Original Scale	0.224				Mean in Log Scale	-3.87		
109				SD in Original Scale	1.118				SD in Log Scale	1.464		
110				95% t UCL (Assumes normality)	0.526				95% H-Stat UCL	0.124		
111	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
112												
113	**Nonparametric Distribution Free UCL Statistics**											
114	**Data do not follow a Discernible Distribution**											
115												
116	**Suggested UCL to Use**											
117				95% KM (t) UCL	0.050							
118												
119	**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**											
120	**Please verify the data were collected from random locations.**											
121	**If the data were collected using judgmental or other non-random methods,**											
122	**then contact a statistician to correctly calculate UCLs.**											
123												
124	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
125	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
126	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
127												
128	**Benzo(A)Anthracene**											
129												
130	**General Statistics**											
131				Total Number of Observations	40				Number of Distinct Observations	19		
132				Number of Detects	20				Number of Non-Detects	20		
133				Number of Distinct Detects	17				Number of Distinct Non-Detects	3		
134				Minimum Detect	0.021				Minimum Non-Detect	0.11		
135				Maximum Detect	4.4				Maximum Non-Detect	0.13		
136				Variance Detects	0.996				Percent Non-Detects	50%		
137				Mean Detects	0.476				SD Detects	0.998		
138				Median Detects	0.15				CV Detects	2.096		
139				Skewness Detects	3.571				Kurtosis Detects	13.82		
140				Mean of Logged Detects	-1.98				SD of Logged Detects	1.558		
141												
142	**Normal GOF Test on Detects Only**											
143				Shapiro Wilk Test Statistic	0.493		**Shapiro Wilk GOF Test**					
144				1% Shapiro Wilk Critical Value	0.868		Detected Data Not Normal at 1% Significance Level					
145				Lilliefors Test Statistic	0.344		**Lilliefors GOF Test**					
146				1% Lilliefors Critical Value	0.223		Detected Data Not Normal at 1% Significance Level					
147	**Detected Data Not Normal at 1% Significance Level**											
148												
149	**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**											
150				KM Mean	0.253				KM Standard Error of Mean	0.117		
151				90KM SD	0.723				95% KM (BCA) UCL	0.485		
152				95% KM (t) UCL	0.451				95% KM (Percentile Bootstrap) UCL	0.473		
153				95% KM (z) UCL	0.446				95% KM Bootstrap t UCL	0.907		
154				90% KM Chebyshev UCL	0.605				95% KM Chebyshev UCL	0.765		
155				97.5% KM Chebyshev UCL	0.986				99% KM Chebyshev UCL	1.421		
156												

157	**Gamma GOF Tests on Detected Observations Only**											
158					A-D Test Statistic	1.188	**Anderson-Darling GOF Test**					
159					5% A-D Critical Value	0.801	Detected Data Not Gamma Distributed at 5% Significance Level					
160					K-S Test Statistic	0.232	**Kolmogorov-Smirnov GOF**					
161					5% K-S Critical Value	0.205	Detected Data Not Gamma Distributed at 5% Significance Level					
162	**Detected Data Not Gamma Distributed at 5% Significance Level**											
163												
164	**Gamma Statistics on Detected Data Only**											
165					k hat (MLE)	0.511	k star (bias corrected MLE)	0.468				
166					Theta hat (MLE)	0.932	Theta star (bias corrected MLE)	1.018				
167					nu hat (MLE)	20.45	nu star (bias corrected)	18.72				
168					Mean (detects)	0.476						
169												
170	**Gamma ROS Statistics using Imputed Non-Detects**											
171	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
172	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
173	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
174	This is especially true when the sample size is small.											
175	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
176					Minimum	0.01	Mean	0.245				
177					Maximum	4.4	Median	0.0225				
178					SD	0.735	CV	2.994				
179					k hat (MLE)	0.367	k star (bias corrected MLE)	0.356				
180					Theta hat (MLE)	0.67	Theta star (bias corrected MLE)	0.69				
181					nu hat (MLE)	29.33	nu star (bias corrected)	28.46				
182					Adjusted Level of Significance (β)	0.044						
183					Approximate Chi Square Value (28.46, α)	17.29	Adjusted Chi Square Value (28.46, β)	16.96				
184					95% Gamma Approximate UCL	0.404	95% Gamma Adjusted UCL	0.412				
185												
186	**Estimates of Gamma Parameters using KM Estimates**											
187					Mean (KM)	0.253	SD (KM)	0.723				
188					Variance (KM)	0.523	SE of Mean (KM)	0.117				
189					k hat (KM)	0.122	k star (KM)	0.13				
190					nu hat (KM)	9.786	nu star (KM)	10.39				
191					theta hat (KM)	2.068	theta star (KM)	1.949				
192					80% gamma percentile (KM)	0.241	90% gamma percentile (KM)	0.731				
193					95% gamma percentile (KM)	1.428	99% gamma percentile (KM)	3.515				
194												
195	**Gamma Kaplan-Meier (KM) Statistics**											
196					Approximate Chi Square Value (10.39, α)	4.184	Adjusted Chi Square Value (10.39, β)	4.037				
197					95% KM Approximate Gamma UCL	0.628	95% KM Adjusted Gamma UCL	0.651				
198												
199	**Lognormal GOF Test on Detected Observations Only**											
200					Shapiro Wilk Test Statistic	0.919	**Shapiro Wilk GOF Test**					
201					10% Shapiro Wilk Critical Value	0.92	Detected Data Not Lognormal at 10% Significance Level					
202					Lilliefors Test Statistic	0.182	**Lilliefors GOF Test**					
203					10% Lilliefors Critical Value	0.176	Detected Data Not Lognormal at 10% Significance Level					
204	**Detected Data Not Lognormal at 10% Significance Level**											
205												
206	**Lognormal ROS Statistics Using Imputed Non-Detects**											
207					Mean in Original Scale	0.26	Mean in Log Scale	-2.727				
208					SD in Original Scale	0.731	SD in Log Scale	1.471				

209				95% t UCL (assumes normality of ROS data)		0.454				95% Percentile Bootstrap UCL		0.471
210				95% BCA Bootstrap UCL		0.564				95% Bootstrap t UCL		0.905
211				95% H-UCL (Log ROS)		0.392						
212												
213	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
214				KM Mean (logged)		-2.762				KM Geo Mean		0.0632
215				KM SD (logged)		1.338				95% Critical H Value (KM-Log)		2.829
216				KM Standard Error of Mean (logged)		0.222				95% H-UCL (KM -Log)		0.283
217				KM SD (logged)		1.338				95% Critical H Value (KM-Log)		2.829
218				KM Standard Error of Mean (logged)		0.222						
219												
220	**DL/2 Statistics**											
221	**DL/2 Normal**						**DL/2 Log-Transformed**					
222				Mean in Original Scale		0.268				Mean in Log Scale		-2.393
223				SD in Original Scale		0.728				SD in Log Scale		1.166
224				95% t UCL (Assumes normality)		0.462				95% H-Stat UCL		0.293
225	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
226												
227	**Nonparametric Distribution Free UCL Statistics**											
228	**Data do not follow a Discernible Distribution**											
229												
230	**Suggested UCL to Use**											
231				95% KM (t) UCL		0.5						
232												
233	**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**											
234	**Please verify the data were collected from random locations.**											
235	**If the data were collected using judgmental or other non-random methods,**											
236	**then contact a statistician to correctly calculate UCLs.**											
237												
238	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
239	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
240	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
241												
242	**Benzo(B)Fluoranthene**											
243												
244	**General Statistics**											
245				Total Number of Observations		40				Number of Distinct Observations		18
246				Number of Detects		15				Number of Non-Detects		25
247				Number of Distinct Detects		15				Number of Distinct Non-Detects		4
248				Minimum Detect		0.034				Minimum Non-Detect		0.1
249				Maximum Detect		5.9				Maximum Non-Detect		0.13
250				Variance Detects		2.192				Percent Non-Detects		62.5%
251				Mean Detects		0.681				SD Detects		1.481
252				Median Detects		0.19				CV Detects		2.174
253				Skewness Detects		3.566				Kurtosis Detects		13.21
254				Mean of Logged Detects		-1.485				SD of Logged Detects		1.405
255												
256	**Normal GOF Test on Detects Only**											
257				Shapiro Wilk Test Statistic		0.455	**Shapiro Wilk GOF Test**					
258				1% Shapiro Wilk Critical Value		0.835	Detected Data Not Normal at 1% Significance Level					
259				Lilliefors Test Statistic		0.351	**Lilliefors GOF Test**					
260				1% Lilliefors Critical Value		0.255	Detected Data Not Normal at 1% Significance Level					

261	**Detected Data Not Normal at 1% Significance Level**											
262												
263	**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**											
264					KM Mean	0.286			KM Standard Error of Mean	0.152		
265					90KM SD	0.928			95% KM (BCA) UCL	0.604		
266					95% KM (t) UCL	0.543			95% KM (Percentile Bootstrap) UCL	0.58		
267					95% KM (z) UCL	0.536			95% KM Bootstrap t UCL	1.334		
268					90% KM Chebyshev UCL	0.743			95% KM Chebyshev UCL	0.949		
269					97.5% KM Chebyshev UCL	1.236			99% KM Chebyshev UCL	1.799		
270												
271	**Gamma GOF Tests on Detected Observations Only**											
272					A-D Test Statistic	1.036			**Anderson-Darling GOF Test**			
273					5% A-D Critical Value	0.788			Detected Data Not Gamma Distributed at 5% Significance Level			
274					K-S Test Statistic	0.215			**Kolmogorov-Smirnov GOF**			
275					5% K-S Critical Value	0.233			Detected data appear Gamma Distributed at 5% Significance Level			
276	**Detected data follow Appr. Gamma Distribution at 5% Significance Level**											
277												
278	**Gamma Statistics on Detected Data Only**											
279					k hat (MLE)	0.566			k star (bias corrected MLE)	0.497		
280					Theta hat (MLE)	1.204			Theta star (bias corrected MLE)	1.37		
281					nu hat (MLE)	16.98			nu star (bias corrected)	14.91		
282					Mean (detects)	0.681						
283												
284	**Gamma ROS Statistics using Imputed Non-Detects**											
285	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
286	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
287	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
288	This is especially true when the sample size is small.											
289	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
290					Minimum	0.01			Mean	0.262		
291					Maximum	5.9			Median	0.01		
292					SD	0.946			CV	3.616		
293					k hat (MLE)	0.325			k star (bias corrected MLE)	0.317		
294					Theta hat (MLE)	0.805			Theta star (bias corrected MLE)	0.825		
295					nu hat (MLE)	25.99			nu star (bias corrected)	25.38		
296					Adjusted Level of Significance (β)	0.044						
297					Approximate Chi Square Value (25.38, α)	14.9			Adjusted Chi Square Value (25.38, β)	14.6		
298					95% Gamma Approximate UCL	0.446			95% Gamma Adjusted UCL	0.455		
299												
300	**Estimates of Gamma Parameters using KM Estimates**											
301					Mean (KM)	0.286			SD (KM)	0.928		
302					Variance (KM)	0.861			SE of Mean (KM)	0.152		
303					k hat (KM)	0.0952			k star (KM)	0.105		
304					nu hat (KM)	7.619			nu star (KM)	8.381		
305					theta hat (KM)	3.007			theta star (KM)	2.734		
306					80% gamma percentile (KM)	0.212			90% gamma percentile (KM)	0.776		
307					95% gamma percentile (KM)	1.657			99% gamma percentile (KM)	4.444		
308												
309	**Gamma Kaplan-Meier (KM) Statistics**											
310					Approximate Chi Square Value (8.38, α)	2.958			Adjusted Chi Square Value (8.38, β)	2.838		
311					95% KM Approximate Gamma UCL	0.812			95% KM Adjusted Gamma UCL	0.846		
312	95% KM Adjusted Gamma UCL (use when k<=1 and 15 < n < 50)											

313												
314	**Lognormal GOF Test on Detected Observations Only**											
315					Shapiro Wilk Test Statistic	0.95	**Shapiro Wilk GOF Test**					
316					10% Shapiro Wilk Critical Value	0.901	Detected Data appear Lognormal at 10% Significance Level					
317					Lilliefors Test Statistic	0.0966	**Lilliefors GOF Test**					
318					10% Lilliefors Critical Value	0.202	Detected Data appear Lognormal at 10% Significance Level					
319	**Detected Data appear Lognormal at 10% Significance Level**											
320												
321	**Lognormal ROS Statistics Using Imputed Non-Detects**											
322					Mean in Original Scale	0.287	Mean in Log Scale	-2.629				
323					SD in Original Scale	0.94	SD in Log Scale	1.427				
324					95% t UCL (assumes normality of ROS data)	0.538	95% Percentile Bootstrap UCL	0.564				
325					95% BCA Bootstrap UCL	0.72	95% Bootstrap t UCL	1.313				
326					95% H-UCL (Log ROS)	0.392						
327												
328	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
329					KM Mean (logged)	-2.481	KM Geo Mean	0.0837				
330					KM SD (logged)	1.169	95% Critical H Value (KM-Log)	2.612				
331					KM Standard Error of Mean (logged)	0.229	95% H-UCL (KM -Log)	0.27				
332					KM SD (logged)	1.169	95% Critical H Value (KM-Log)	2.612				
333					KM Standard Error of Mean (logged)	0.229						
334	**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**											
335												
336	**DL/2 Statistics**											
337	**DL/2 Normal**						**DL/2 Log-Transformed**					
338					Mean in Original Scale	0.293	Mean in Log Scale	-2.314				
339					SD in Original Scale	0.938	SD in Log Scale	1.064				
340					95% t UCL (Assumes normality)	0.543	95% H-Stat UCL	0.266				
341	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
342												
343	**Nonparametric Distribution Free UCL Statistics**											
344	**Detected Data appear Approximate Gamma Distributed at 5% Significance Level**											
345												
346	**Suggested UCL to Use**											
347					95% KM Adjusted Gamma UCL	0.85						
348												
349	**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**											
350	**Please verify the data were collected from random locations.**											
351	**If the data were collected using judgmental or other non-random methods,**											
352	**then contact a statistician to correctly calculate UCLs.**											
353												
354	When a data set follows an approximate distribution passing only one of the GOF tests,											
355	it is suggested to use a UCL based upon a distribution passing both GOF tests in ProUCL											
356												
357	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
358	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
359	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
360												
361	**Benzo(K)Fluoranthene**											
362												
363	**General Statistics**											
364					Total Number of Observations	40	Number of Distinct Observations	14				

365				Number of Detects	12				Number of Non-Detects	28	
366				Number of Distinct Detects	12				Number of Distinct Non-Detects	4	
367				Minimum Detect	0.033				Minimum Non-Detect	0.1	
368				Maximum Detect	1.1				Maximum Non-Detect	0.13	
369				Variance Detects	0.0929				Percent Non-Detects	70%	
370				Mean Detects	0.216				SD Detects	0.305	
371				Median Detects	0.0825				CV Detects	1.408	
372				Skewness Detects	2.586				Kurtosis Detects	7.22	
373				Mean of Logged Detects	-2.137				SD of Logged Detects	1.06	
374											
375				**Normal GOF Test on Detects Only**							
376				Shapiro Wilk Test Statistic	0.629				**Shapiro Wilk GOF Test**		
377				1% Shapiro Wilk Critical Value	0.805				Detected Data Not Normal at 1% Significance Level		
378				Lilliefors Test Statistic	0.298				**Lilliefors GOF Test**		
379				1% Lilliefors Critical Value	0.281				Detected Data Not Normal at 1% Significance Level		
380				**Detected Data Not Normal at 1% Significance Level**							
381											
382				**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**							
383				KM Mean	0.106				KM Standard Error of Mean	0.0296	
384				90KM SD	0.176				95% KM (BCA) UCL	0.164	
385				95% KM (t) UCL	0.156				95% KM (Percentile Bootstrap) UCL	0.161	
386				95% KM (z) UCL	0.155				95% KM Bootstrap t UCL	0.232	
387				90% KM Chebyshev UCL	0.195				95% KM Chebyshev UCL	0.235	
388				97.5% KM Chebyshev UCL	0.29				99% KM Chebyshev UCL	0.4	
389											
390				**Gamma GOF Tests on Detected Observations Only**							
391				A-D Test Statistic	0.91				**Anderson-Darling GOF Test**		
392				5% A-D Critical Value	0.758				Detected Data Not Gamma Distributed at 5% Significance Level		
393				K-S Test Statistic	0.231				**Kolmogorov-Smirnov GOF**		
394				5% K-S Critical Value	0.253				Detected data appear Gamma Distributed at 5% Significance Level		
395				**Detected data follow Appr. Gamma Distribution at 5% Significance Level**							
396											
397				**Gamma Statistics on Detected Data Only**							
398				k hat (MLE)	0.957				k star (bias corrected MLE)	0.773	
399				Theta hat (MLE)	0.226				Theta star (bias corrected MLE)	0.28	
400				nu hat (MLE)	22.96				nu star (bias corrected)	18.56	
401				Mean (detects)	0.216						
402											
403				**Gamma ROS Statistics using Imputed Non-Detects**							
404				GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs							
405				GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)							
406				For such situations, GROS method may yield incorrect values of UCLs and BTVs							
407				This is especially true when the sample size is small.							
408				For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates							
409				Minimum	0.01				Mean	0.104	
410				Maximum	1.1				Median	0.0517	
411				SD	0.187				CV	1.792	
412				k hat (MLE)	0.679				k star (bias corrected MLE)	0.645	
413				Theta hat (MLE)	0.154				Theta star (bias corrected MLE)	0.162	
414				nu hat (MLE)	54.33				nu star (bias corrected)	51.59	
415				Adjusted Level of Significance (β)	0.044						
416				Approximate Chi Square Value (51.59, α)	36.09				Adjusted Chi Square Value (51.59, β)	35.61	

417				95% Gamma Approximate UCL		0.149				95% Gamma Adjusted UCL		0.151
418												
419						**Estimates of Gamma Parameters using KM Estimates**							
420				Mean (KM)		0.106				SD (KM)		0.176
421				Variance (KM)		0.031				SE of Mean (KM)		0.0296
422				k hat (KM)		0.362				k star (KM)		0.351
423				nu hat (KM)		28.94				nu star (KM)		28.1
424				theta hat (KM)		0.293				theta star (KM)		0.301
425				80% gamma percentile (KM)		0.168				90% gamma percentile (KM)		0.306
426				95% gamma percentile (KM)		0.46				99% gamma percentile (KM)		0.853
427												
428						**Gamma Kaplan-Meier (KM) Statistics**							
429				Approximate Chi Square Value (28.10, α)		17				Adjusted Chi Square Value (28.10, β)		16.68
430				95% KM Approximate Gamma UCL		0.175				95% KM Adjusted Gamma UCL		0.178
431												
432						**Lognormal GOF Test on Detected Observations Only**							
433				Shapiro Wilk Test Statistic		0.897				**Shapiro Wilk GOF Test**		
434				10% Shapiro Wilk Critical Value		0.883				Detected Data appear Lognormal at 10% Significance Level		
435				Lilliefors Test Statistic		0.213				**Lilliefors GOF Test**		
436				10% Lilliefors Critical Value		0.223				Detected Data appear Lognormal at 10% Significance Level		
437						**Detected Data appear Lognormal at 10% Significance Level**							
438												
439						**Lognormal ROS Statistics Using Imputed Non-Detects**							
440				Mean in Original Scale		0.114				Mean in Log Scale		-2.626
441				SD in Original Scale		0.179				SD in Log Scale		0.828
442				95% t UCL (assumes normality of ROS data)		0.161				95% Percentile Bootstrap UCL		0.165
443				95% BCA Bootstrap UCL		0.187				95% Bootstrap t UCL		0.231
444				95% H-UCL (Log ROS)		0.137						
445												
446						**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**							
447				KM Mean (logged)		-2.659				KM Geo Mean		0.07
448				KM SD (logged)		0.697				95% Critical H Value (KM-Log)		2.089
449				KM Standard Error of Mean (logged)		0.145				95% H-UCL (KM -Log)		0.113
450				KM SD (logged)		0.697				95% Critical H Value (KM-Log)		2.089
451				KM Standard Error of Mean (logged)		0.145						
452												
453						**DL/2 Statistics**							
454				**DL/2 Normal**						**DL/2 Log-Transformed**		
455				Mean in Original Scale		0.107				Mean in Log Scale		-2.614
456				SD in Original Scale		0.177				SD in Log Scale		0.647
457				95% t UCL (Assumes normality)		0.154				95% H-Stat UCL		0.112
458						**DL/2 is not a recommended method, provided for comparisons and historical reasons**							
459												
460						**Nonparametric Distribution Free UCL Statistics**							
461						**Detected Data appear Approximate Gamma Distributed at 5% Significance Level**							
462												
463						**Suggested UCL to Use**							
464				95% KM Adjusted Gamma UCL		0.2						
465												
466						**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**							
467						**Please verify the data were collected from random locations.**							
468						**If the data were collected using judgmental or other non-random methods,**							

	A	B	C	D	E	F	G	H	I	J	K	L
469	**then contact a statistician to correctly calculate UCLs.**											
470												
471	When a data set follows an approximate distribution passing only one of the GOF tests,											
472	it is suggested to use a UCL based upon a distribution passing both GOF tests in ProUCL											
473												
474	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
475	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
476	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
477												
478	**Chrysene**											
479												
480	**General Statistics**											
481						Total Number of Observations	40			Number of Distinct Observations	20	
482						Number of Detects	19			Number of Non-Detects	21	
483						Number of Distinct Detects	18			Number of Distinct Non-Detects	4	
484						Minimum Detect	0.02			Minimum Non-Detect	0.1	
485						Maximum Detect	4.2			Maximum Non-Detect	0.13	
486						Variance Detects	0.929			Percent Non-Detects	52.5%	
487						Mean Detects	0.452			SD Detects	0.964	
488						Median Detects	0.16			CV Detects	2.133	
489						Skewness Detects	3.64			Kurtosis Detects	14.24	
490						Mean of Logged Detects	-2.02			SD of Logged Detects	1.544	
491												
492	**Normal GOF Test on Detects Only**											
493						Shapiro Wilk Test Statistic	0.48			**Shapiro Wilk GOF Test**		
494						1% Shapiro Wilk Critical Value	0.863			Detected Data Not Normal at 1% Significance Level		
495						Lilliefors Test Statistic	0.344			**Lilliefors GOF Test**		
496						1% Lilliefors Critical Value	0.229			Detected Data Not Normal at 1% Significance Level		
497	**Detected Data Not Normal at 1% Significance Level**											
498												
499	**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**											
500						KM Mean	0.233			KM Standard Error of Mean	0.11	
501						90KM SD	0.679			95% KM (BCA) UCL	0.455	
502						95% KM (t) UCL	0.419			95% KM (Percentile Bootstrap) UCL	0.439	
503						95% KM (z) UCL	0.415			95% KM Bootstrap t UCL	0.843	
504						90% KM Chebyshev UCL	0.565			95% KM Chebyshev UCL	0.715	
505						97.5% KM Chebyshev UCL	0.923			99% KM Chebyshev UCL	1.332	
506												
507	**Gamma GOF Tests on Detected Observations Only**											
508						A-D Test Statistic	1.097			**Anderson-Darling GOF Test**		
509						5% A-D Critical Value	0.801			Detected Data Not Gamma Distributed at 5% Significance Level		
510						K-S Test Statistic	0.218			**Kolmogorov-Smirnov GOF**		
511						5% K-S Critical Value	0.21			Detected Data Not Gamma Distributed at 5% Significance Level		
512	**Detected Data Not Gamma Distributed at 5% Significance Level**											
513												
514	**Gamma Statistics on Detected Data Only**											
515						k hat (MLE)	0.516			k star (bias corrected MLE)	0.469	
516						Theta hat (MLE)	0.876			Theta star (bias corrected MLE)	0.962	
517						nu hat (MLE)	19.6			nu star (bias corrected)	17.84	
518						Mean (detects)	0.452					
519												
520	**Gamma ROS Statistics using Imputed Non-Detects**											

	A	B	C	D	E	F	G	H	I	J	K	L
521	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
522	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
523	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
524	This is especially true when the sample size is small.											
525	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
526					Minimum	0.01				Mean	0.223	
527					Maximum	4.2				Median	0.0205	
528					SD	0.691				CV	3.093	
529					k hat (MLE)	0.373				k star (bias corrected MLE)	0.362	
530					Theta hat (MLE)	0.598				Theta star (bias corrected MLE)	0.617	
531					nu hat (MLE)	29.88				nu star (bias corrected)	28.97	
532					Adjusted Level of Significance (β)	0.044						
533					Approximate Chi Square Value (28.97, α)	17.69				Adjusted Chi Square Value (28.97, β)	17.35	
534					95% Gamma Approximate UCL	0.366				95% Gamma Adjusted UCL	0.373	
535												
536	**Estimates of Gamma Parameters using KM Estimates**											
537					Mean (KM)	0.233				SD (KM)	0.679	
538					Variance (KM)	0.461				SE of Mean (KM)	0.11	
539					k hat (KM)	0.118				k star (KM)	0.126	
540					nu hat (KM)	9.437				nu star (KM)	10.06	
541					theta hat (KM)	1.978				theta star (KM)	1.855	
542					80% gamma percentile (KM)	0.215				90% gamma percentile (KM)	0.669	
543					95% gamma percentile (KM)	1.323				99% gamma percentile (KM)	3.296	
544												
545	**Gamma Kaplan-Meier (KM) Statistics**											
546					Approximate Chi Square Value (10.06, α)	3.981				Adjusted Chi Square Value (10.06, β)	3.838	
547					95% KM Approximate Gamma UCL	0.59				95% KM Adjusted Gamma UCL	0.612	
548												
549	**Lognormal GOF Test on Detected Observations Only**											
550					Shapiro Wilk Test Statistic	0.931				**Shapiro Wilk GOF Test**		
551					10% Shapiro Wilk Critical Value	0.917				Detected Data appear Lognormal at 10% Significance Level		
552					Lilliefors Test Statistic	0.137				**Lilliefors GOF Test**		
553					10% Lilliefors Critical Value	0.18				Detected Data appear Lognormal at 10% Significance Level		
554	**Detected Data appear Lognormal at 10% Significance Level**											
555												
556	**Lognormal ROS Statistics Using Imputed Non-Detects**											
557					Mean in Original Scale	0.237				Mean in Log Scale	-2.777	
558					SD in Original Scale	0.687				SD in Log Scale	1.43	
559					95% t UCL (assumes normality of ROS data)	0.42				95% Percentile Bootstrap UCL	0.436	
560					95% BCA Bootstrap UCL	0.533				95% Bootstrap t UCL	0.856	
561					95% H-UCL (Log ROS)	0.34						
562												
563	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
564					KM Mean (logged)	-2.787				KM Geo Mean	0.0616	
565					KM SD (logged)	1.316				95% Critical H Value (KM-Log)	2.8	
566					KM Standard Error of Mean (logged)	0.238				95% H-UCL (KM -Log)	0.264	
567					KM SD (logged)	1.316				95% Critical H Value (KM-Log)	2.8	
568					KM Standard Error of Mean (logged)	0.238						
569												
570	**DL/2 Statistics**											
571	**DL/2 Normal**						**DL/2 Log-Transformed**					
572					Mean in Original Scale	0.246				Mean in Log Scale	-2.437	

573				SD in Original Scale	0.684					SD in Log Scale	1.124	
574				95% t UCL (Assumes normality)	0.428					95% H-Stat UCL	0.26	
575	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
576												
577	**Nonparametric Distribution Free UCL Statistics**											
578	**Detected Data appear Lognormal Distributed at 10% Significance Level**											
579												
580	**Suggested UCL to Use**											
581				KM H-UCL	0.3							
582												
583	**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**											
584	**Please verify the data were collected from random locations.**											
585	**If the data were collected using judgmental or other non-random methods,**											
586	**then contact a statistician to correctly calculate UCLs.**											
587												
588	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
589	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
590	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
591												
592	**Dibenz(A,H)Anthracene**											
593												
594	**General Statistics**											
595				Total Number of Observations	40					Number of Distinct Observations	10	
596				Number of Detects	7					Number of Non-Detects	33	
597				Number of Distinct Detects	7					Number of Distinct Non-Detects	4	
598				Minimum Detect	0.027					Minimum Non-Detect	0.1	
599				Maximum Detect	0.66					Maximum Non-Detect	0.13	
600				Variance Detects	0.052					Percent Non-Detects	82.5%	
601				Mean Detects	0.152					SD Detects	0.228	
602				Median Detects	0.051					CV Detects	1.502	
603				Skewness Detects	2.462					Kurtosis Detects	6.223	
604				Mean of Logged Detects	-2.536					SD of Logged Detects	1.113	
605												
606	**Normal GOF Test on Detects Only**											
607				Shapiro Wilk Test Statistic	0.61					**Shapiro Wilk GOF Test**		
608				1% Shapiro Wilk Critical Value	0.73					Detected Data Not Normal at 1% Significance Level		
609				Lilliefors Test Statistic	0.378					**Lilliefors GOF Test**		
610				1% Lilliefors Critical Value	0.35					Detected Data Not Normal at 1% Significance Level		
611	**Detected Data Not Normal at 1% Significance Level**											
612												
613	**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**											
614				KM Mean	0.0632					KM Standard Error of Mean	0.0184	
615				90KM SD	0.0993					95% KM (BCA) UCL	0.106	
616				95% KM (t) UCL	0.0941					95% KM (Percentile Bootstrap) UCL	0.101	
617				95% KM (z) UCL	0.0934					95% KM Bootstrap t UCL	0.15	
618				90% KM Chebyshev UCL	0.118					95% KM Chebyshev UCL	0.143	
619				97.5% KM Chebyshev UCL	0.178					99% KM Chebyshev UCL	0.246	
620												
621	**Gamma GOF Tests on Detected Observations Only**											
622				A-D Test Statistic	0.711					**Anderson-Darling GOF Test**		
623				5% A-D Critical Value	0.731					Detected data appear Gamma Distributed at 5% Significance Level		
624				K-S Test Statistic	0.263					**Kolmogorov-Smirnov GOF**		

625				5% K-S Critical Value		0.321	Detected data appear Gamma Distributed at 5% Significance Level					
626	**Detected data appear Gamma Distributed at 5% Significance Level**											
627	**Note GOF tests may be unreliable for small sample sizes**											
628												
629	**Gamma Statistics on Detected Data Only**											
630				k hat (MLE)		0.898	k star (bias corrected MLE)					0.608
631				Theta hat (MLE)		0.169	Theta star (bias corrected MLE)					0.25
632				nu hat (MLE)		12.57	nu star (bias corrected)					8.517
633				Mean (detects)		0.152						
634												
635	**Gamma ROS Statistics using Imputed Non-Detects**											
636	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
637	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
638	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
639	This is especially true when the sample size is small.											
640	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
641				Minimum		0.01	Mean					0.0674
642				Maximum		0.66	Median					0.03
643				SD		0.111	CV					1.648
644				k hat (MLE)		0.805	k star (bias corrected MLE)					0.762
645				Theta hat (MLE)		0.0836	Theta star (bias corrected MLE)					0.0884
646				nu hat (MLE)		64.44	nu star (bias corrected)					60.94
647				Adjusted Level of Significance (β)		0.044						
648				Approximate Chi Square Value (60.94, α)		43.99	Adjusted Chi Square Value (60.94, β)					43.45
649				95% Gamma Approximate UCL		0.0933	95% Gamma Adjusted UCL					0.0945
650												
651	**Estimates of Gamma Parameters using KM Estimates**											
652				Mean (KM)		0.0632	SD (KM)					0.0993
653				Variance (KM)		0.00986	SE of Mean (KM)					0.0184
654				k hat (KM)		0.405	k star (KM)					0.391
655				nu hat (KM)		32.36	nu star (KM)					31.27
656				theta hat (KM)		0.156	theta star (KM)					0.162
657				80% gamma percentile (KM)		0.102	90% gamma percentile (KM)					0.179
658				95% gamma percentile (KM)		0.264	99% gamma percentile (KM)					0.48
659												
660	**Gamma Kaplan-Meier (KM) Statistics**											
661				Approximate Chi Square Value (31.27, α)		19.49	Adjusted Chi Square Value (31.27, β)					19.14
662				95% KM Approximate Gamma UCL		0.101	95% KM Adjusted Gamma UCL					0.103
663												
664	**Lognormal GOF Test on Detected Observations Only**											
665				Shapiro Wilk Test Statistic		0.882	**Shapiro Wilk GOF Test**					
666				10% Shapiro Wilk Critical Value		0.838	Detected Data appear Lognormal at 10% Significance Level					
667				Lilliefors Test Statistic		0.225	**Lilliefors GOF Test**					
668				10% Lilliefors Critical Value		0.28	Detected Data appear Lognormal at 10% Significance Level					
669	**Detected Data appear Lognormal at 10% Significance Level**											
670	**Note GOF tests may be unreliable for small sample sizes**											
671												
672	**Lognormal ROS Statistics Using Imputed Non-Detects**											
673				Mean in Original Scale		0.0685	Mean in Log Scale					-3.072
674				SD in Original Scale		0.102	SD in Log Scale					0.787
675				95% t UCL (assumes normality of ROS data)		0.0957	95% Percentile Bootstrap UCL					0.0969
676				95% BCA Bootstrap UCL		0.113	95% Bootstrap t UCL					0.136

677				95% H-UCL (Log ROS)		0.0831						
678												
679	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
680				KM Mean (logged)		-3.083			KM Geo Mean			0.0458
681				KM SD (logged)		0.605			95% Critical H Value (KM-Log)			2.006
682				KM Standard Error of Mean (logged)		0.171			95% H-UCL (KM -Log)			0.0668
683				KM SD (logged)		0.605			95% Critical H Value (KM-Log)			2.006
684				KM Standard Error of Mean (logged)		0.171						
685	**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**											
686												
687	**DL/2 Statistics**											
688	**DL/2 Normal**								**DL/2 Log-Transformed**			
689				Mean in Original Scale		0.0758			Mean in Log Scale			-2.77
690				SD in Original Scale		0.0963			SD in Log Scale			0.452
691				95% t UCL (Assumes normality)		0.101			95% H-Stat UCL			0.0796
692	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
693												
694	**Nonparametric Distribution Free UCL Statistics**											
695	**Detected Data appear Gamma Distributed at 5% Significance Level**											
696												
697	**Suggested UCL to Use**											
698				95% KM Adjusted Gamma UCL		0.1						
699												
700	**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**											
701	**Please verify the data were collected from random locations.**											
702	**If the data were collected using judgmental or other non-random methods,**											
703	**then contact a statistician to correctly calculate UCLs.**											
704												
705	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
706	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
707	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
708												
709	**Indeno(1,2,3-C,D)Pyrene**											
710												
711	**General Statistics**											
712				Total Number of Observations		40			Number of Distinct Observations			15
713				Number of Detects		12			Number of Non-Detects			28
714				Number of Distinct Detects		12			Number of Distinct Non-Detects			4
715				Minimum Detect		0.031			Minimum Non-Detect			0.14
716				Maximum Detect		3			Maximum Non-Detect			0.17
717				Variance Detects		0.691			Percent Non-Detects			70%
718				Mean Detects		0.416			SD Detects			0.831
719				Median Detects		0.135			CV Detects			1.997
720				Skewness Detects		3.224			Kurtosis Detects			10.73
721				Mean of Logged Detects		-1.824			SD of Logged Detects			1.266
722												
723	**Normal GOF Test on Detects Only**											
724				Shapiro Wilk Test Statistic		0.487			**Shapiro Wilk GOF Test**			
725				1% Shapiro Wilk Critical Value		0.805			Detected Data Not Normal at 1% Significance Level			
726				Lilliefors Test Statistic		0.357			**Lilliefors GOF Test**			
727				1% Lilliefors Critical Value		0.281			Detected Data Not Normal at 1% Significance Level			
728	**Detected Data Not Normal at 1% Significance Level**											

729											
730	**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**										
731				KM Mean	0.178			KM Standard Error of Mean	0.0773		
732				90KM SD	0.464			95% KM (BCA) UCL	0.335		
733				95% KM (t) UCL	0.308			95% KM (Percentile Bootstrap) UCL	0.325		
734				95% KM (z) UCL	0.305			95% KM Bootstrap t UCL	0.661		
735				90% KM Chebyshev UCL	0.41			95% KM Chebyshev UCL	0.515		
736				97.5% KM Chebyshev UCL	0.661			99% KM Chebyshev UCL	0.947		
737											
738	**Gamma GOF Tests on Detected Observations Only**										
739				A-D Test Statistic	1.064	**Anderson-Darling GOF Test**					
740				5% A-D Critical Value	0.774	Detected Data Not Gamma Distributed at 5% Significance Level					
741				K-S Test Statistic	0.298	**Kolmogorov-Smirnov GOF**					
742				5% K-S Critical Value	0.256	Detected Data Not Gamma Distributed at 5% Significance Level					
743	**Detected Data Not Gamma Distributed at 5% Significance Level**										
744											
745	**Gamma Statistics on Detected Data Only**										
746				k hat (MLE)	0.645			k star (bias corrected MLE)	0.54		
747				Theta hat (MLE)	0.645			Theta star (bias corrected MLE)	0.771		
748				nu hat (MLE)	15.49			nu star (bias corrected)	12.95		
749				Mean (detects)	0.416						
750											
751	**Gamma ROS Statistics using Imputed Non-Detects**										
752	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs										
753	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)										
754	For such situations, GROS method may yield incorrect values of UCLs and BTVs										
755	This is especially true when the sample size is small.										
756	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates										
757				Minimum	0.01			Mean	0.166		
758				Maximum	3			Median	0.0214		
759				SD	0.479			CV	2.881		
760				k hat (MLE)	0.448			k star (bias corrected MLE)	0.431		
761				Theta hat (MLE)	0.371			Theta star (bias corrected MLE)	0.386		
762				nu hat (MLE)	35.83			nu star (bias corrected)	34.48		
763				Adjusted Level of Significance (β)	0.044						
764				Approximate Chi Square Value (34.48, α)	22.05			Adjusted Chi Square Value (34.48, β)	21.67		
765				95% Gamma Approximate UCL	0.26			95% Gamma Adjusted UCL	0.264		
766											
767	**Estimates of Gamma Parameters using KM Estimates**										
768				Mean (KM)	0.178			SD (KM)	0.464		
769				Variance (KM)	0.215			SE of Mean (KM)	0.0773		
770				k hat (KM)	0.148			k star (KM)	0.153		
771				nu hat (KM)	11.82			nu star (KM)	12.27		
772				theta hat (KM)	1.206			theta star (KM)	1.162		
773				80% gamma percentile (KM)	0.198			90% gamma percentile (KM)	0.53		
774				95% gamma percentile (KM)	0.977			99% gamma percentile (KM)	2.267		
775											
776	**Gamma Kaplan-Meier (KM) Statistics**										
777				Approximate Chi Square Value (12.27, α)	5.406			Adjusted Chi Square Value (12.27, β)	5.235		
778				95% KM Approximate Gamma UCL	0.405			95% KM Adjusted Gamma UCL	0.418		
779											
780	**Lognormal GOF Test on Detected Observations Only**										

781					Shapiro Wilk Test Statistic	0.929	**Shapiro Wilk GOF Test**					
782					10% Shapiro Wilk Critical Value	0.883	Detected Data appear Lognormal at 10% Significance Level					
783					Lilliefors Test Statistic	0.199	**Lilliefors GOF Test**					
784					10% Lilliefors Critical Value	0.223	Detected Data appear Lognormal at 10% Significance Level					
785	**Detected Data appear Lognormal at 10% Significance Level**											
786												
787	**Lognormal ROS Statistics Using Imputed Non-Detects**											
788					Mean in Original Scale	0.182	Mean in Log Scale	-2.459				
789					SD in Original Scale	0.47	SD in Log Scale	0.996				
790					95% t UCL (assumes normality of ROS data)	0.308	95% Percentile Bootstrap UCL	0.323				
791					95% BCA Bootstrap UCL	0.402	95% Bootstrap t UCL	0.718				
792					95% H-UCL (Log ROS)	0.206						
793												
794	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
795					KM Mean (logged)	-2.429	KM Geo Mean	0.0881				
796					KM SD (logged)	0.878	95% Critical H Value (KM-Log)	2.272				
797					KM Standard Error of Mean (logged)	0.212	95% H-UCL (KM -Log)	0.178				
798					KM SD (logged)	0.878	95% Critical H Value (KM-Log)	2.272				
799					KM Standard Error of Mean (logged)	0.212						
800	**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**											
801												
802	**DL/2 Statistics**											
803	**DL/2 Normal**						**DL/2 Log-Transformed**					
804					Mean in Original Scale	0.181	Mean in Log Scale	-2.319				
805					SD in Original Scale	0.468	SD in Log Scale	0.749				
806					95% t UCL (Assumes normality)	0.305	95% H-Stat UCL	0.168				
807	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
808												
809	**Nonparametric Distribution Free UCL Statistics**											
810	**Detected Data appear Lognormal Distributed at 10% Significance Level**											
811												
812	**Suggested UCL to Use**											
813					KM H-UCL	0.2						
814												
815	**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**											
816	**Please verify the data were collected from random locations.**											
817	**If the data were collected using judgmental or other non-random methods,**											
818	**then contact a statistician to correctly calculate UCLs.**											
819												
820	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
821	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
822	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
823												
824												
825	**Lead**											
826												
827	**General Statistics**											
828					Total Number of Observations	40	Number of Distinct Observations	39				
829							Number of Missing Observations	0				
830					Minimum	2.92	Mean	13.73				
831					Maximum	171	Median	6.465				
832					SD	27.23	Std. Error of Mean	4.305				

833				Coefficient of Variation		1.983				Skewness		5.26
834												
835						**Normal GOF Test**						
836				Shapiro Wilk Test Statistic		0.371		**Shapiro Wilk GOF Test**				
837				1% Shapiro Wilk Critical Value		0.919		Data Not Normal at 1% Significance Level				
838				Lilliefors Test Statistic		0.365		**Lilliefors GOF Test**				
839				1% Lilliefors Critical Value		0.162		Data Not Normal at 1% Significance Level				
840						**Data Not Normal at 1% Significance Level**						
841												
842						**Assuming Normal Distribution**						
843				**95% Normal UCL**				**95% UCLs (Adjusted for Skewness)**				
844				95% Student's-t UCL		20.99		95% Adjusted-CLT UCL (Chen-1995)				24.64
845								95% Modified-t UCL (Johnson-1978)				21.58
846												
847						**Gamma GOF Test**						
848				A-D Test Statistic		4.601		**Anderson-Darling Gamma GOF Test**				
849				5% A-D Critical Value		0.777		Data Not Gamma Distributed at 5% Significance Level				
850				K-S Test Statistic		0.25		**Kolmogorov-Smirnov Gamma GOF Test**				
851				5% K-S Critical Value		0.143		Data Not Gamma Distributed at 5% Significance Level				
852						**Data Not Gamma Distributed at 5% Significance Level**						
853												
854						**Gamma Statistics**						
855				k hat (MLE)		1.071		k star (bias corrected MLE)				1.007
856				Theta hat (MLE)		12.83		Theta star (bias corrected MLE)				13.64
857				nu hat (MLE)		85.66		nu star (bias corrected)				80.57
858				MLE Mean (bias corrected)		13.73		MLE Sd (bias corrected)				13.69
859								Approximate Chi Square Value (0.05)				60.88
860				Adjusted Level of Significance		0.044		Adjusted Chi Square Value				60.24
861												
862						**Assuming Gamma Distribution**						
863				95% Approximate Gamma UCL		18.17		95% Adjusted Gamma UCL				18.37
864												
865						**Lognormal GOF Test**						
866				Shapiro Wilk Test Statistic		0.818		**Shapiro Wilk Lognormal GOF Test**				
867				10% Shapiro Wilk Critical Value		0.949		Data Not Lognormal at 10% Significance Level				
868				Lilliefors Test Statistic		0.186		**Lilliefors Lognormal GOF Test**				
869				10% Lilliefors Critical Value		0.128		Data Not Lognormal at 10% Significance Level				
870						**Data Not Lognormal at 10% Significance Level**						
871												
872						**Lognormal Statistics**						
873				Minimum of Logged Data		1.072		Mean of logged Data				2.085
874				Maximum of Logged Data		5.142		SD of logged Data				0.811
875												
876						**Assuming Lognormal Distribution**						
877				95% H-UCL		14.87		90% Chebyshev (MVUE) UCL				15.8
878				95% Chebyshev (MVUE) UCL		17.94		97.5% Chebyshev (MVUE) UCL				20.93
879				99% Chebyshev (MVUE) UCL		26.78						
880												
881						**Nonparametric Distribution Free UCL Statistics**						
882						**Data do not follow a Discernible Distribution**						
883												
884						**Nonparametric Distribution Free UCLs**						

885					95% CLT UCL	20.82					95% BCA Bootstrap UCL	26.61
886					95% Standard Bootstrap UCL	20.89					95% Bootstrap-t UCL	35.51
887					95% Hall's Bootstrap UCL	43.09					95% Percentile Bootstrap UCL	21.91
888					90% Chebyshev(Mean, Sd) UCL	26.65					95% Chebyshev(Mean, Sd) UCL	32.5
889					97.5% Chebyshev(Mean, Sd) UCL	40.62					99% Chebyshev(Mean, Sd) UCL	56.57
890												
891					**Suggested UCL to Use**							
892					95% Student's-t UCL	21						
893												
894					**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**							
895					**Please verify the data were collected from random locations.**							
896					**If the data were collected using judgmental or other non-random methods,**							
897					**then contact a statistician to correctly calculate UCLs.**							
898												
899					Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.							
900					Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.							
901					However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.							
902												
903	**Benzo(A)Pyrene**											
904												
905					**General Statistics**							
906					Total Number of Observations	40					Number of Distinct Observations	15
907					Number of Detects	13					Number of Non-Detects	27
908					Number of Distinct Detects	12					Number of Distinct Non-Detects	4
909					Minimum Detect	0.048					Minimum Non-Detect	0.14
910					Maximum Detect	4.5					Maximum Non-Detect	0.17
911					Variance Detects	1.438					Percent Non-Detects	67.5%
912					Mean Detects	0.639					SD Detects	1.199
913					Median Detects	0.2					CV Detects	1.878
914					Skewness Detects	3.229					Kurtosis Detects	10.93
915					Mean of Logged Detects	-1.32					SD of Logged Detects	1.231
916												
917					**Normal GOF Test on Detects Only**							
918					Shapiro Wilk Test Statistic	0.508					**Shapiro Wilk GOF Test**	
919					1% Shapiro Wilk Critical Value	0.814					Detected Data Not Normal at 1% Significance Level	
920					Lilliefors Test Statistic	0.328					**Lilliefors GOF Test**	
921					1% Lilliefors Critical Value	0.271					Detected Data Not Normal at 1% Significance Level	
922					**Detected Data Not Normal at 1% Significance Level**							
923												
924					**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**							
925					KM Mean	0.274					KM Standard Error of Mean	0.116
926					90KM SD	0.704					95% KM (BCA) UCL	0.514
927					95% KM (t) UCL	0.47					95% KM (Percentile Bootstrap) UCL	0.497
928					95% KM (z) UCL	0.466					95% KM Bootstrap t UCL	0.972
929					90% KM Chebyshev UCL	0.623					95% KM Chebyshev UCL	0.782
930					97.5% KM Chebyshev UCL	1.001					99% KM Chebyshev UCL	1.433
931												
932					**Gamma GOF Tests on Detected Observations Only**							
933					A-D Test Statistic	1.003					**Anderson-Darling GOF Test**	
934					5% A-D Critical Value	0.775					Detected Data Not Gamma Distributed at 5% Significance Level	
935					K-S Test Statistic	0.223					**Kolmogorov-Smirnov GOF**	
936					5% K-S Critical Value	0.247					Detected data appear Gamma Distributed at 5% Significance Level	

	A	B	C	D	E	F	G	H	I	J	K	L
937	**Detected data follow Appr. Gamma Distribution at 5% Significance Level**											
938												
939	**Gamma Statistics on Detected Data Only**											
940					k hat (MLE)	0.694			k star (bias corrected MLE)	0.585		
941					Theta hat (MLE)	0.92			Theta star (bias corrected MLE)	1.091		
942					nu hat (MLE)	18.05			nu star (bias corrected)	15.22		
943					Mean (detects)	0.639						
944												
945	**Gamma ROS Statistics using Imputed Non-Detects**											
946	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
947	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
948	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
949	This is especially true when the sample size is small.											
950	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
951					Minimum	0.01			Mean	0.233		
952					Maximum	4.5			Median	0.01		
953					SD	0.726			CV	3.118		
954					k hat (MLE)	0.379			k star (bias corrected MLE)	0.367		
955					Theta hat (MLE)	0.615			Theta star (bias corrected MLE)	0.635		
956					nu hat (MLE)	30.29			nu star (bias corrected)	29.35		
957					Adjusted Level of Significance (β)	0.044						
958					Approximate Chi Square Value (29.35, α)	17.98			Adjusted Chi Square Value (29.35, β)	17.65		
959					95% Gamma Approximate UCL	0.38			95% Gamma Adjusted UCL	0.387		
960												
961	**Estimates of Gamma Parameters using KM Estimates**											
962					Mean (KM)	0.274			SD (KM)	0.704		
963					Variance (KM)	0.496			SE of Mean (KM)	0.116		
964					k hat (KM)	0.151			k star (KM)	0.157		
965					nu hat (KM)	12.12			nu star (KM)	12.54		
966					theta hat (KM)	1.81			theta star (KM)	1.749		
967					80% gamma percentile (KM)	0.309			90% gamma percentile (KM)	0.817		
968					95% gamma percentile (KM)	1.495			99% gamma percentile (KM)	3.446		
969												
970	**Gamma Kaplan-Meier (KM) Statistics**											
971					Approximate Chi Square Value (12.54, α)	5.586			Adjusted Chi Square Value (12.54, β)	5.412		
972					95% KM Approximate Gamma UCL	0.615			95% KM Adjusted Gamma UCL	0.635		
973												
974	**Lognormal GOF Test on Detected Observations Only**											
975					Shapiro Wilk Test Statistic	0.938			**Shapiro Wilk GOF Test**			
976					10% Shapiro Wilk Critical Value	0.889			Detected Data appear Lognormal at 10% Significance Level			
977					Lilliefors Test Statistic	0.137			**Lilliefors GOF Test**			
978					10% Lilliefors Critical Value	0.215			Detected Data appear Lognormal at 10% Significance Level			
979	**Detected Data appear Lognormal at 10% Significance Level**											
980												
981	**Lognormal ROS Statistics Using Imputed Non-Detects**											
982					Mean in Original Scale	0.276			Mean in Log Scale	-2.125		
983					SD in Original Scale	0.714			SD in Log Scale	1.061		
984					95% t UCL (assumes normality of ROS data)	0.466			95% Percentile Bootstrap UCL	0.486		
985					95% BCA Bootstrap UCL	0.599			95% Bootstrap t UCL	0.953		
986					95% H-UCL (Log ROS)	0.32						
987												
988	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											

989				KM Mean (logged)	-2.036				KM Geo Mean		0.13	
990				KM SD (logged)	0.894				95% Critical H Value (KM-Log)		2.289	
991				KM Standard Error of Mean (logged)	0.197				95% H-UCL (KM -Log)		0.27	
992				KM SD (logged)	0.894				95% Critical H Value (KM-Log)		2.289	
993				KM Standard Error of Mean (logged)	0.197							
994												
995					**DL/2 Statistics**							
996				**DL/2 Normal**					**DL/2 Log-Transformed**			
997				Mean in Original Scale	0.261				Mean in Log Scale		-2.136	
998				SD in Original Scale	0.716				SD in Log Scale		0.893	
999				95% t UCL (Assumes normality)	0.452				95% H-Stat UCL		0.244	
1000				**DL/2 is not a recommended method, provided for comparisons and historical reasons**								
1001												
1002					**Nonparametric Distribution Free UCL Statistics**							
1003					**Detected Data appear Approximate Gamma Distributed at 5% Significance Level**							
1004												
1005					**Suggested UCL to Use**							
1006				95% KM Adjusted Gamma UCL	0.6							
1007												
1008					**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**							
1009					**Please verify the data were collected from random locations.**							
1010					**If the data were collected using judgmental or other non-random methods,**							
1011					**then contact a statistician to correctly calculate UCLs.**							
1012												
1013					When a data set follows an approximate distribution passing only one of the GOF tests,							
1014					it is suggested to use a UCL based upon a distribution passing both GOF tests in ProUCL							
1015												
1016					Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.							
1017					Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.							
1018					However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.							
1019												
1020	**Mercury**											
1021												
1022					**General Statistics**							
1023				Total Number of Observations	40				Number of Distinct Observations		22	
1024				Number of Detects	10				Number of Non-Detects		30	
1025				Number of Distinct Detects	10				Number of Distinct Non-Detects		16	
1026				Minimum Detect	0.052				Minimum Non-Detect		0.071	
1027				Maximum Detect	0.343				Maximum Non-Detect		0.108	
1028				Variance Detects	0.00742				Percent Non-Detects		75%	
1029				Mean Detects	0.113				SD Detects		0.0861	
1030				Median Detects	0.0785				CV Detects		0.765	
1031				Skewness Detects	2.55				Kurtosis Detects		6.95	
1032				Mean of Logged Detects	-2.35				SD of Logged Detects		0.545	
1033												
1034					**Normal GOF Test on Detects Only**							
1035				Shapiro Wilk Test Statistic	0.649				**Shapiro Wilk GOF Test**			
1036				1% Shapiro Wilk Critical Value	0.781				Detected Data Not Normal at 1% Significance Level			
1037				Lilliefors Test Statistic	0.321				**Lilliefors GOF Test**			
1038				1% Lilliefors Critical Value	0.304				Detected Data Not Normal at 1% Significance Level			
1039					**Detected Data Not Normal at 1% Significance Level**							
1040												

	A	B	C	D	E	F	G	H	I	J	K	L
1041	**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**											
1042					KM Mean	0.0763			KM Standard Error of Mean			0.00843
1043					90KM SD	0.0465			95% KM (BCA) UCL			0.0933
1044					95% KM (t) UCL	0.0905			95% KM (Percentile Bootstrap) UCL			0.0922
1045					95% KM (z) UCL	0.0902			95% KM Bootstrap t UCL			0.103
1046					90% KM Chebyshev UCL	0.102			95% KM Chebyshev UCL			0.113
1047					97.5% KM Chebyshev UCL	0.129			99% KM Chebyshev UCL			0.16
1048												
1049	**Gamma GOF Tests on Detected Observations Only**											
1050					A-D Test Statistic	0.98	**Anderson-Darling GOF Test**					
1051					5% A-D Critical Value	0.732	Detected Data Not Gamma Distributed at 5% Significance Level					
1052					K-S Test Statistic	0.305	**Kolmogorov-Smirnov GOF**					
1053					5% K-S Critical Value	0.268	Detected Data Not Gamma Distributed at 5% Significance Level					
1054	**Detected Data Not Gamma Distributed at 5% Significance Level**											
1055												
1056	**Gamma Statistics on Detected Data Only**											
1057					k hat (MLE)	3.172			k star (bias corrected MLE)			2.287
1058					Theta hat (MLE)	0.0355			Theta star (bias corrected MLE)			0.0492
1059					nu hat (MLE)	63.43			nu star (bias corrected)			45.74
1060					Mean (detects)	0.113						
1061												
1062	**Gamma ROS Statistics using Imputed Non-Detects**											
1063	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
1064	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
1065	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
1066	This is especially true when the sample size is small.											
1067	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
1068					Minimum	0.01			Mean			0.0593
1069					Maximum	0.343			Median			0.0489
1070					SD	0.0543			CV			0.915
1071					k hat (MLE)	2.261			k star (bias corrected MLE)			2.109
1072					Theta hat (MLE)	0.0262			Theta star (bias corrected MLE)			0.0281
1073					nu hat (MLE)	180.9			nu star (bias corrected)			168.7
1074					Adjusted Level of Significance (β)	0.044						
1075					Approximate Chi Square Value (168.68, α)	139.7			Adjusted Chi Square Value (168.68, β)			138.7
1076					95% Gamma Approximate UCL	0.0716			95% Gamma Adjusted UCL			0.0721
1077												
1078	**Estimates of Gamma Parameters using KM Estimates**											
1079					Mean (KM)	0.0763			SD (KM)			0.0465
1080					Variance (KM)	0.00216			SE of Mean (KM)			0.00843
1081					k hat (KM)	2.693			k star (KM)			2.508
1082					nu hat (KM)	215.4			nu star (KM)			200.6
1083					theta hat (KM)	0.0283			theta star (KM)			0.0304
1084					80% gamma percentile (KM)	0.111			90% gamma percentile (KM)			0.141
1085					95% gamma percentile (KM)	0.169			99% gamma percentile (KM)			0.23
1086												
1087	**Gamma Kaplan-Meier (KM) Statistics**											
1088					Approximate Chi Square Value (200.61, α)	168.8			Adjusted Chi Square Value (200.61, β)			167.8
1089					95% KM Approximate Gamma UCL	0.0907			95% KM Adjusted Gamma UCL			0.0913
1090												
1091	**Lognormal GOF Test on Detected Observations Only**											
1092					Shapiro Wilk Test Statistic	0.841	**Shapiro Wilk GOF Test**					

1093				10% Shapiro Wilk Critical Value		0.869	Detected Data Not Lognormal at 10% Significance Level					
1094				Lilliefors Test Statistic		0.275	**Lilliefors GOF Test**					
1095				10% Lilliefors Critical Value		0.241	Detected Data Not Lognormal at 10% Significance Level					
1096	**Detected Data Not Lognormal at 10% Significance Level**											
1097												
1098	**Lognormal ROS Statistics Using Imputed Non-Detects**											
1099				Mean in Original Scale		0.0726	Mean in Log Scale					-2.72
1100				SD in Original Scale		0.0484	SD in Log Scale					0.376
1101				95% t UCL (assumes normality of ROS data)		0.0855	95% Percentile Bootstrap UCL					0.0862
1102				95% BCA Bootstrap UCL		0.0921	95% Bootstrap t UCL					0.104
1103				95% H-UCL (Log ROS)		0.079						
1104												
1105	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
1106				KM Mean (logged)		-2.653	KM Geo Mean					0.0704
1107				KM SD (logged)		0.334	95% Critical H Value (KM-Log)					1.81
1108				KM Standard Error of Mean (logged)		0.0782	95% H-UCL (KM -Log)					0.082
1109				KM SD (logged)		0.334	95% Critical H Value (KM-Log)					1.81
1110				KM Standard Error of Mean (logged)		0.0782						
1111												
1112	**DL/2 Statistics**											
1113	**DL/2 Normal**						**DL/2 Log-Transformed**					
1114				Mean in Original Scale		0.0585	Mean in Log Scale					-2.995
1115				SD in Original Scale		0.0522	SD in Log Scale					0.464
1116				95% t UCL (Assumes normality)		0.0724	95% H-Stat UCL					0.0642
1117	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
1118												
1119	**Nonparametric Distribution Free UCL Statistics**											
1120	**Data do not follow a Discernible Distribution**											
1121												
1122	**Suggested UCL to Use**											
1123				95% KM (t) UCL		0.09						
1124												
1125	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
1126	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
1127	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
1128												