

Roux NYSDEC BCP Eligibility Sampling

Notes Utilized Throughout Tables	
Soil Tables	
J - Estimated value	
U - Indicates that the compound was analyzed for but not detected	
P - The RPD between the results for the two columns exceeds the method-specified criteria	
I - The lower value for the two columns has been reported due to obvious interference	
RPD - Relative Percent Difference	
ft bls - Feet below land surface	
DUP - Duplicate sample	
mg/kg - Milligrams per kilogram	
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	
Boxed data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater	
For Per- and Polyfluoroalkyl Substances, bold data indicates that parameter was detected	
Groundwater Tables	
J - Estimated Value	
U - Compound was analyzed for but not detected	
DUP - Duplicate	
µg/L - Micrograms per liter	
ng/L - Nanograms 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	
For Per- and Polyfluoroalkyl Substances, bold data indicates that parameter was detected	
Soil Vapor/Ambient Air	
U - Indicates that the compound was analyzed for but not detected	
DUP - Duplicate sample	
ug/m3 - Micrograms per cubic meter	
Bold data indicates that parameter was detected	

Table 1. Pre-Validated Summary of Volatile Organic Compounds in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375	NYSDEC Part 375	NYSDEC Part 375	Sample Designation: RSB-1700-1 RSB-1700-1 RSB-1700-2		
	Unrestricted	Restricted	Protection of	Sample Date: 2/12/2020 2/14/2020 2/12/2020		
	Use SCO	Residential SCO	Groundwater SCO	Sample Depth (ft bls): 0 - 2 6 - 8 0 - 2		
1,1,1,2-Tetrachloroethane	--	--	--	0.00062 U	0.00056 U	0.00066 U
1,1,1-Trichloroethane	0.68	100	0.68	0.00062 U	0.00056 U	0.00066 U
1,1,2,2-Tetrachloroethane	--	--	--	0.00062 U	0.00056 U	0.00066 U
1,1,2-Trichloroethane	--	--	--	0.0012 U	0.0011 U	0.0013 U
1,1-Dichloroethane	0.27	26	0.27	0.0012 U	0.0011 U	0.0013 U
1,1-Dichloroethene	0.33	100	0.33	0.0012 U	0.0011 U	0.0013 U
1,1-Dichloropropene	--	--	--	0.00062 U	0.00056 U	0.00066 U
1,2,3-Trichlorobenzene	--	--	--	0.0025 U	0.0022 U	0.0026 U
1,2,3-Trichloropropane	--	--	--	0.0025 U	0.0022 U	0.0026 U
1,2,4,5-Tetramethylbenzene	--	--	--	0.0025 U	0.0022 U	0.0026 U
1,2,4-Trichlorobenzene	--	--	--	0.0025 U	0.0022 U	0.0026 U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.0025 U	0.0022 U	0.0026 U
1,2-Dibromoethane	--	--	--	0.0012 U	0.0011 U	0.0013 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0025 U	0.0022 U	0.0026 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0012 U	0.0011 U	0.0013 U
1,2-Dichloroethene (total)	--	--	--	0.0012 U	0.0011 U	0.0013 U
1,2-Dichloropropane	--	--	--	0.0012 U	0.0011 U	0.0013 U
1,3,5-Trimethylbenzene	8.4	52	8.4	0.0025 U	0.0022 U	0.0026 U
1,3-Dichlorobenzene	2.4	49	2.4	0.0025 U	0.0022 U	0.0026 U
1,3-Dichloropropane	--	--	--	0.0025 U	0.0022 U	0.0026 U
1,3-Dichloropropene	--	--	--	0.00062 U	0.00056 U	0.00066 U
1,4-Dichlorobenzene	1.8	13	1.8	0.0025 U	0.0022 U	0.0026 U
1,4-Diethylbenzene	--	--	--	0.0025 U	0.0022 U	0.0026 U
1,4-Dioxane	0.1	13	0.1	0.098 U	0.089 U	0.1 U
2,2-Dichloropropane	--	--	--	0.0025 U	0.0022 U	0.0026 U
2-Butanone (MEK)	0.12	100	0.12	0.012 U	0.011 U	0.013 U
2-Hexanone	--	--	--	0.012 U	0.011 U	0.013 U
4-Ethyltoluene	--	--	--	0.0025 U	0.0022 U	0.0026 U
4-Methyl-2-pentanone (MIBK)	--	--	--	0.012 U	0.011 U	0.013 U
Acetone	0.05	100	0.05	0.012 U	0.011 U	0.013 U
Acrylonitrile	--	--	--	0.0049 U	0.0044 U	0.0052 U
Benzene	0.06	4.8	0.06	0.00062 U	0.00056 U	0.00026 J
Bromobenzene	--	--	--	0.0025 U	0.0022 U	0.0026 U
Bromochloromethane	--	--	--	0.0025 U	0.0022 U	0.0026 U
Bromodichloromethane	--	--	--	0.00062 U	0.00056 U	0.00066 U

Table 1. Pre-Validated Summary of Volatile Organic Compounds in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	RSB-1700-1 2/12/2020 0 - 2	RSB-1700-1 2/14/2020 6 - 8	RSB-1700-2 2/12/2020 0 - 2
Bromoform	--	--	--		0.0049 U	0.0044 U	0.0052 U
Bromomethane	--	--	--		0.0025 U	0.00073 J	0.0026 U
Carbon disulfide	--	--	--		0.012 U	0.011 U	0.013 U
Carbon tetrachloride	0.76	2.4	0.76		0.0012 U	0.0011 U	0.0013 U
Chlorobenzene	1.1	100	1.1		0.00062 U	0.00056 U	0.00066 U
Chloroethane	--	--	--		0.0025 U	0.0022 U	0.0026 U
Chloroform	0.37	49	0.37		0.0018 U	0.0017 U	0.002 U
Chloromethane	--	--	--		0.0049 U	0.0044 U	0.0052 U
cis-1,2-Dichloroethene	0.25	100	0.25		0.0012 U	0.0011 U	0.0013 U
cis-1,3-Dichloropropene	--	--	--		0.00062 U	0.00056 U	0.00066 U
Dibromochloromethane	--	--	--		0.0012 U	0.0011 U	0.0013 U
Dibromochloropropane	--	--	--		0.0037 U	0.0033 U	0.0039 U
Dibromomethane	--	--	--		0.0025 U	0.0022 U	0.0026 U
Dichlorodifluoromethane	--	--	--		0.012 U	0.011 U	0.013 U
Diethyl Ether	--	--	--		0.0025 U	0.0022 U	0.0026 U
Ethylbenzene	1	41	1		0.0012 U	0.0011 U	0.0013 U
Hexachlorobutadiene	--	--	--		0.0049 U	0.0044 U	0.0052 U
Isopropylbenzene	--	--	--		0.0012 U	0.0011 U	0.0013 U
m+p-Xylene	--	--	--		0.0025 U	0.0022 U	0.0026 U
Methylene chloride	0.05	100	0.05		0.0062 U	0.0056 U	0.0066 U
MTBE	0.93	100	0.93		0.0025 U	0.0022 U	0.0026 U
Naphthalene	12	100	12		0.0049 U	0.0044 U	0.0052 U
n-Butylbenzene	12	100	12		0.0012 U	0.0011 U	0.0013 U
n-Propylbenzene	3.9	100	3.9		0.0012 U	0.0011 U	0.0013 U
o-Chlorotoluene	--	--	--		0.0025 U	0.0022 U	0.0026 U
o-Xylene	--	--	--		0.0012 U	0.0011 U	0.0013 U
p-Chlorotoluene	--	--	--		0.0025 U	0.0022 U	0.0026 U
p-Isopropyltoluene	--	--	--		0.0012 U	0.0011 U	0.0013 U
sec-Butylbenzene	11	100	11		0.0012 U	0.0011 U	0.0013 U
Styrene	--	--	--		0.0012 U	0.0011 U	0.0013 U
tert-Butylbenzene	5.9	100	5.9		0.0025 U	0.0022 U	0.0026 U
Tetrachloroethene	1.3	19	1.3		0.0018 U	0.00071 U	0.00051 J
Toluene	0.7	100	0.7		0.0012 U	0.0011 U	0.0013 U
trans-1,2-Dichloroethene	0.19	100	0.19		0.0018 U	0.0017 U	0.002 U
trans-1,3-Dichloropropene	--	--	--		0.0012 U	0.0011 U	0.0013 U

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Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	RSB-1700-1	RSB-1700-1	RSB-1700-2
				Sample Date:	2/12/2020	2/14/2020	2/12/2020
				Sample Depth (ft bls):	0 - 2	6 - 8	0 - 2
trans-1,4-Dichloro-2-butene	--	--	--		0.0062 U	0.0056 U	0.0066 U
Trichloroethene	0.47	21	0.47		0.00062 U	0.00056 U	0.00066 U
Trichlorofluoromethane	--	--	--		0.0049 U	0.0044 U	0.0052 U
Vinyl acetate	--	--	--		0.012 U	0.011 U	0.013 U
Vinyl chloride	0.02	0.9	0.02		0.0012 U	0.0011 U	0.0013 U
Xylenes (total)	0.26	100	1.6		0.0012 U	0.0011 U	0.0013 U

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Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	RSB-1700-2 DUP 2/12/2020 0 - 2	RSB-1700-2 2/13/2020 5 - 7	RSB-1700-3 2/12/2020 0 - 2
1,1,1,2-Tetrachloroethane	--	--	--		0.00065 U	0.00059 U	0.00064 U
1,1,1-Trichloroethane	0.68	100	0.68		0.00065 U	0.00059 U	0.00064 U
1,1,2,2-Tetrachloroethane	--	--	--		0.00065 U	0.00059 U	0.00064 U
1,1,2-Trichloroethane	--	--	--		0.0013 U	0.0012 U	0.0013 U
1,1-Dichloroethane	0.27	26	0.27		0.0013 U	0.0012 U	0.0013 U
1,1-Dichloroethene	0.33	100	0.33		0.0013 U	0.0012 U	0.0013 U
1,1-Dichloropropene	--	--	--		0.00065 U	0.00059 U	0.00064 U
1,2,3-Trichlorobenzene	--	--	--		0.0026 U	0.0024 U	0.0026 U
1,2,3-Trichloropropane	--	--	--		0.0026 U	0.0024 U	0.0026 U
1,2,4,5-Tetramethylbenzene	--	--	--		0.0026 U	0.0024 U	0.0026 U
1,2,4-Trichlorobenzene	--	--	--		0.0026 U	0.0024 U	0.0026 U
1,2,4-Trimethylbenzene	3.6	52	3.6		0.0026 U	0.0024 U	0.0026 U
1,2-Dibromoethane	--	--	--		0.0013 U	0.0012 U	0.0013 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0026 U	0.0024 U	0.0026 U
1,2-Dichloroethane	0.02	3.1	0.02		0.0013 U	0.0012 U	0.0013 U
1,2-Dichloroethene (total)	--	--	--		0.0013 U	0.00059 J	0.00025 J
1,2-Dichloropropane	--	--	--		0.0013 U	0.0012 U	0.0013 U
1,3,5-Trimethylbenzene	8.4	52	8.4		0.0026 U	0.0024 U	0.0026 U
1,3-Dichlorobenzene	2.4	49	2.4		0.0026 U	0.0024 U	0.0026 U
1,3-Dichloropropane	--	--	--		0.0026 U	0.0024 U	0.0026 U
1,3-Dichloropropene	--	--	--		0.00065 U	0.00059 U	0.00064 U
1,4-Dichlorobenzene	1.8	13	1.8		0.0026 U	0.0024 U	0.0026 U
1,4-Diethylbenzene	--	--	--		0.0026 U	0.0024 U	0.0026 U
1,4-Dioxane	0.1	13	0.1		0.1 U	0.094 U	0.1 U
2,2-Dichloropropane	--	--	--		0.0026 U	0.0024 U	0.0026 U
2-Butanone (MEK)	0.12	100	0.12		0.013 U	0.012 U	0.013 U
2-Hexanone	--	--	--		0.013 U	0.012 U	0.013 U
4-Ethyltoluene	--	--	--		0.0026 U	0.0024 U	0.0026 U
4-Methyl-2-pentanone (MIBK)	--	--	--		0.013 U	0.012 U	0.013 U
Acetone	0.05	100	0.05		0.013 U	0.012 U	0.013 U
Acrylonitrile	--	--	--		0.0052 U	0.0047 U	0.0051 U
Benzene	0.06	4.8	0.06		0.00065 U	0.00059 U	0.00064 U
Bromobenzene	--	--	--		0.0026 U	0.0024 U	0.0026 U
Bromochloromethane	--	--	--		0.0026 U	0.0024 U	0.0026 U
Bromodichloromethane	--	--	--		0.00065 U	0.00059 U	0.00064 U

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Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	RSB-1700-2 DUP 2/12/2020 0 - 2	RSB-1700-2 2/13/2020 5 - 7	RSB-1700-3 2/12/2020 0 - 2
Bromoform	--	--	--		0.0052 U	0.0047 U	0.0051 U
Bromomethane	--	--	--		0.0026 U	0.00081 J	0.0026 U
Carbon disulfide	--	--	--		0.013 U	0.012 U	0.013 U
Carbon tetrachloride	0.76	2.4	0.76		0.0013 U	0.0012 U	0.0013 U
Chlorobenzene	1.1	100	1.1		0.00065 U	0.00059 U	0.00064 U
Chloroethane	--	--	--		0.0026 U	0.0024 U	0.0026 U
Chloroform	0.37	49	0.37		0.0019 U	0.0018 U	0.0019 U
Chloromethane	--	--	--		0.0052 U	0.0047 U	0.0051 U
cis-1,2-Dichloroethene	0.25	100	0.25		0.0013 U	0.0012 U	0.0013 U
cis-1,3-Dichloropropene	--	--	--		0.00065 U	0.00059 U	0.00064 U
Dibromochloromethane	--	--	--		0.0013 U	0.0012 U	0.0013 U
Dibromochloropropane	--	--	--		0.0039 U	0.0035 U	0.0039 U
Dibromomethane	--	--	--		0.0026 U	0.0024 U	0.0026 U
Dichlorodifluoromethane	--	--	--		0.013 U	0.012 U	0.013 U
Diethyl Ether	--	--	--		0.0026 U	0.0024 U	0.0026 U
Ethylbenzene	1	41	1		0.0013 U	0.0012 U	0.0013 U
Hexachlorobutadiene	--	--	--		0.0052 U	0.0047 U	0.0051 U
Isopropylbenzene	--	--	--		0.0013 U	0.0012 U	0.0013 U
m+p-Xylene	--	--	--		0.0026 U	0.0024 U	0.0026 U
Methylene chloride	0.05	100	0.05		0.0065 U	0.0059 U	0.0064 U
MTBE	0.93	100	0.93		0.0026 U	0.0024 U	0.0026 U
Naphthalene	12	100	12		0.0052 U	0.0047 U	0.0051 U
n-Butylbenzene	12	100	12		0.0013 U	0.0012 U	0.0013 U
n-Propylbenzene	3.9	100	3.9		0.0013 U	0.0012 U	0.0013 U
o-Chlorotoluene	--	--	--		0.0026 U	0.0024 U	0.0026 U
o-Xylene	--	--	--		0.0013 U	0.0012 U	0.0013 U
p-Chlorotoluene	--	--	--		0.0026 U	0.0024 U	0.0026 U
p-Isopropyltoluene	--	--	--		0.0013 U	0.0012 U	0.0013 U
sec-Butylbenzene	11	100	11		0.0013 U	0.0012 U	0.0013 U
Styrene	--	--	--		0.0013 U	0.0012 U	0.0013 U
tert-Butylbenzene	5.9	100	5.9		0.0026 U	0.0024 U	0.0026 U
Tetrachloroethene	1.3	19	1.3		0.00065 U	0.00059 U	0.00064 U
Toluene	0.7	100	0.7		0.0013 U	0.0012 U	0.0013 U
trans-1,2-Dichloroethene	0.19	100	0.19		0.0019 U	0.00059 J	0.00025 J
trans-1,3-Dichloropropene	--	--	--		0.0013 U	0.0012 U	0.0013 U

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Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	RSB-1700-2 DUP 2/12/2020 0 - 2	RSB-1700-2 2/13/2020 5 - 7	RSB-1700-3 2/12/2020 0 - 2
trans-1,4-Dichloro-2-butene	--	--	--		0.0065 U	0.0059 U	0.0064 U
Trichloroethene	0.47	21	0.47		0.00065 U	0.00059 U	0.00064 U
Trichlorofluoromethane	--	--	--		0.0052 U	0.0047 U	0.0051 U
Vinyl acetate	--	--	--		0.013 U	0.012 U	0.013 U
Vinyl chloride	0.02	0.9	0.02		0.0013 U	0.0012 U	0.0013 U
Xylenes (total)	0.26	100	1.6		0.0013 U	0.0012 U	0.0013 U

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Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: RSB-1700-3 Sample Date: 2/13/2020 Sample Depth (ft bls): 5 - 7
1,1,1,2-Tetrachloroethane	--	--	--	0.00062 U
1,1,1-Trichloroethane	0.68	100	0.68	0.00062 U
1,1,2,2-Tetrachloroethane	--	--	--	0.00062 U
1,1,2-Trichloroethane	--	--	--	0.0012 U
1,1-Dichloroethane	0.27	26	0.27	0.0012 U
1,1-Dichloroethene	0.33	100	0.33	0.0012 U
1,1-Dichloropropene	--	--	--	0.00062 U
1,2,3-Trichlorobenzene	--	--	--	0.0025 U
1,2,3-Trichloropropane	--	--	--	0.0025 U
1,2,4,5-Tetramethylbenzene	--	--	--	0.0025 U
1,2,4-Trichlorobenzene	--	--	--	0.0025 U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.0025 U
1,2-Dibromoethane	--	--	--	0.0012 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0025 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0012 U
1,2-Dichloroethene (total)	--	--	--	0.00078 J
1,2-Dichloropropane	--	--	--	0.0012 U
1,3,5-Trimethylbenzene	8.4	52	8.4	0.0025 U
1,3-Dichlorobenzene	2.4	49	2.4	0.0025 U
1,3-Dichloropropane	--	--	--	0.0025 U
1,3-Dichloropropene	--	--	--	0.00062 U
1,4-Dichlorobenzene	1.8	13	1.8	0.0025 U
1,4-Diethylbenzene	--	--	--	0.0025 U
1,4-Dioxane	0.1	13	0.1	0.099 U
2,2-Dichloropropane	--	--	--	0.0025 U
2-Butanone (MEK)	0.12	100	0.12	0.012 U
2-Hexanone	--	--	--	0.012 U
4-Ethyltoluene	--	--	--	0.0025 U
4-Methyl-2-pentanone (MIBK)	--	--	--	0.012 U
Acetone	0.05	100	0.05	0.012 U
Acrylonitrile	--	--	--	0.005 U
Benzene	0.06	4.8	0.06	0.00062 U
Bromobenzene	--	--	--	0.0025 U
Bromochloromethane	--	--	--	0.0025 U
Bromodichloromethane	--	--	--	0.00062 U

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Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: RSB-1700-3 Sample Date: 2/13/2020 Sample Depth (ft bls): 5 - 7
Bromoform	--	--	--	0.005 U
Bromomethane	--	--	--	0.001 J
Carbon disulfide	--	--	--	0.012 U
Carbon tetrachloride	0.76	2.4	0.76	0.0012 U
Chlorobenzene	1.1	100	1.1	0.00062 U
Chloroethane	--	--	--	0.0025 U
Chloroform	0.37	49	0.37	0.0019 U
Chloromethane	--	--	--	0.005 U
cis-1,2-Dichloroethene	0.25	100	0.25	0.0012 U
cis-1,3-Dichloropropene	--	--	--	0.00062 U
Dibromochloromethane	--	--	--	0.0012 U
Dibromochloropropane	--	--	--	0.0037 U
Dibromomethane	--	--	--	0.0025 U
Dichlorodifluoromethane	--	--	--	0.012 U
Diethyl Ether	--	--	--	0.0025 U
Ethylbenzene	1	41	1	0.0012 U
Hexachlorobutadiene	--	--	--	0.005 U
Isopropylbenzene	--	--	--	0.0012 U
m+p-Xylene	--	--	--	0.0025 U
Methylene chloride	0.05	100	0.05	0.0062 U
MTBE	0.93	100	0.93	0.0025 U
Naphthalene	12	100	12	0.005 U
n-Butylbenzene	12	100	12	0.0012 U
n-Propylbenzene	3.9	100	3.9	0.0012 U
o-Chlorotoluene	--	--	--	0.0025 U
o-Xylene	--	--	--	0.0012 U
p-Chlorotoluene	--	--	--	0.0025 U
p-Isopropyltoluene	--	--	--	0.0012 U
sec-Butylbenzene	11	100	11	0.0012 U
Styrene	--	--	--	0.0012 U
tert-Butylbenzene	5.9	100	5.9	0.0025 U
Tetrachloroethene	1.3	19	1.3	0.00062 U
Toluene	0.7	100	0.7	0.0012 U
trans-1,2-Dichloroethene	0.19	100	0.19	0.00078 J
trans-1,3-Dichloropropene	--	--	--	0.0012 U

Table 1. Pre-Validated Summary of Volatile Organic Compounds in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: RSB-1700-3 Sample Date: 2/13/2020 Sample Depth (ft bls): 5 - 7
trans-1,4-Dichloro-2-butene	--	--	--	0.0062 U
Trichloroethene	0.47	21	0.47	0.00062 U
Trichlorofluoromethane	--	--	--	0.005 U
Vinyl acetate	--	--	--	0.012 U
Vinyl chloride	0.02	0.9	0.02	0.0012 U
Xylenes (total)	0.26	100	1.6	0.0012 U

Table 2. Pre-Validated Summary of Semivolatile Organic Compounds in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	RSB-1700-1 2/12/2020 0 - 2	RSB-1700-1 2/14/2020 6 - 8	RSB-1700-2 2/12/2020 0 - 2
1,1'-Biphenyl	--	--	--		0.43 U	0.43 U	0.42 U
1,2,4,5-Tetrachlorobenzene	--	--	--		0.19 U	0.19 U	0.19 U
1,2,4-Trichlorobenzene	--	--	--		0.19 U	0.19 U	0.19 U
1,2-Dichlorobenzene	1.1	100	1.1		0.19 U	0.19 U	0.19 U
1,3-Dichlorobenzene	2.4	49	2.4		0.19 U	0.19 U	0.19 U
1,4-Dichlorobenzene	1.8	13	1.8		0.19 U	0.19 U	0.19 U
1,4-Dioxane	0.1	13	0.1		0.028 U	0.028 U	0.028 U
2,4,5-Trichlorophenol	--	--	--		0.19 U	0.19 U	0.19 U
2,4,6-Trichlorophenol	--	--	--		0.11 U	0.11 U	0.11 U
2,4-Dichlorophenol	--	--	--		0.17 U	0.17 U	0.17 U
2,4-Dimethylphenol	--	--	--		0.19 U	0.19 U	0.19 U
2,4-Dinitrophenol	--	--	--		0.9 U	0.91 U	0.9 U
2,4-Dinitrotoluene	--	--	--		0.19 U	0.19 U	0.19 U
2,6-Dinitrotoluene	--	--	--		0.19 U	0.19 U	0.19 U
2-Chloronaphthalene	--	--	--		0.19 U	0.19 U	0.19 U
2-Chlorophenol	--	--	--		0.19 U	0.19 U	0.19 U
2-Methylnaphthalene	--	--	--		0.096 J	0.23 U	0.22 U
2-Methylphenol	0.33	100	0.33		0.19 U	0.19 U	0.19 U
2-Nitroaniline	--	--	--		0.19 U	0.19 U	0.19 U
2-Nitrophenol	--	--	--		0.41 U	0.41 U	0.4 U
3&4-Methylphenol	0.33	100	0.33		0.27 U	0.27 U	0.27 U
3,3'-Dichlorobenzidine	--	--	--		0.19 U	0.19 U	0.19 U
3-Nitroaniline	--	--	--		0.19 U	0.19 U	0.19 U
4,6-Dinitro-2-methylphenol	--	--	--		0.49 U	0.49 U	0.48 U
4-Bromophenyl phenyl ether	--	--	--		0.19 U	0.19 U	0.19 U
4-Chloro-3-methylphenol	--	--	--		0.19 U	0.19 U	0.19 U
4-Chloroaniline	--	--	--		0.19 U	0.19 U	0.19 U
4-Chlorophenyl phenyl ether	--	--	--		0.19 U	0.19 U	0.19 U
4-Nitroaniline	--	--	--		0.19 U	0.19 U	0.19 U
4-Nitrophenol	--	--	--		0.26 U	0.26 U	0.26 U
Acenaphthene	20	100	98		0.051 J	0.15 U	0.04 J
Acenaphthylene	100	100	107		0.44	0.15 U	0.097 J
Acetophenone	--	--	--		0.19 U	0.19 U	0.19 U
Anthracene	100	100	1000		0.29	0.11 U	0.17
Benzo[a]anthracene	1	1	1		1.1	0.11 U	0.58

Table 2. Pre-Validated Summary of Semivolatile Organic Compounds in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	RSB-1700-1 2/12/2020 0 - 2	RSB-1700-1 2/14/2020 6 - 8	RSB-1700-2 2/12/2020 0 - 2
Benzo[a]pyrene	1	1	22		1.1	0.15 U	0.52
Benzo[b]fluoranthene	1	1	1.7		1.5	0.11 U	0.69
Benzo[g,h,i]perylene	100	100	1000		0.67	0.15 U	0.34
Benzo[k]fluoranthene	0.8	3.9	1.7		0.47	0.11 U	0.28
Benzoic Acid	--	--	--		0.61 U	0.61 U	0.6 U
Benzyl Alcohol	--	--	--		0.19 U	0.19 U	0.19 U
Bis(2-chloro-1-methylethyl)ether	--	--	--		0.23 U	0.23 U	0.22 U
Bis(2-chloroethoxy)methane	--	--	--		0.2 U	0.2 U	0.2 U
Bis(2-chloroethyl) ether	--	--	--		0.17 U	0.17 U	0.17 U
Bis(2-ethylhexyl) phthalate	--	--	--		0.19 U	0.19 U	0.077 J
Butylbenzyl phthalate	--	--	--		0.19 U	0.19 U	0.19 U
Carbazole	--	--	--		0.19	0.19 U	0.069 J
Chrysene	1	3.9	1		1.2	0.11 U	0.53
Dibenzo[a,h]anthracene	0.33	0.33	1000		0.19	0.11 U	0.072 J
Dibenzofuran	7	59	210		0.1 J	0.19 U	0.023 J
Diethyl phthalate	--	--	--		0.19 U	0.19 U	0.19 U
Dimethyl phthalate	--	--	--		0.19 U	0.19 U	0.19 U
Di-n-butyl phthalate	--	--	--		0.19 U	0.19 U	0.19 U
Di-n-octyl phthalate	--	--	--		0.19 U	0.19 U	0.19 U
Fluoranthene	100	100	1000		2	0.11 U	1.1
Fluorene	30	100	386		0.15 J	0.19 U	0.041 J
Hexachlorobenzene	0.33	1.2	3.2		0.11 U	0.11 U	0.11 U
Hexachlorobutadiene	--	--	--		0.19 U	0.19 U	0.19 U
Hexachlorocyclopentadiene	--	--	--		0.54 U	0.54 U	0.53 U
Hexachloroethane	--	--	--		0.15 U	0.15 U	0.15 U
Indeno[1,2,3-cd]pyrene	0.5	0.5	8.2		0.73	0.15 U	0.36
Isophorone	--	--	--		0.17 U	0.17 U	0.17 U
Naphthalene	12	100	12		0.12 J	0.19 U	0.026 J
Nitrobenzene	--	--	--		0.17 U	0.17 U	0.17 U
n-Nitrosodi-n-propylamine	--	--	--		0.19 U	0.19 U	0.19 U
n-Nitrosodiphenylamine	--	--	--		0.15 U	0.15 U	0.15 U
Pentachlorophenol	0.8	6.7	0.8		0.15 U	0.15 U	0.15 U
Phenanthrene	100	100	1000		1.5	0.11 U	0.59
Phenols (Total)	--	--	--		0.19 U	0.19 U	0.19 U
Pyrene	100	100	1000		1.6	0.11 U	0.96

Table 2. Pre-Validated Summary of Semivolatile Organic Compounds in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	RSB-1700-2 DUP 2/12/2020 0 - 2	RSB-1700-2 2/13/2020 5 - 7	RSB-1700-3 2/12/2020 0 - 2
1,1'-Biphenyl	--	--	--		0.43 U	0.43 U	0.85 U
1,2,4,5-Tetrachlorobenzene	--	--	--		0.19 U	0.19 U	0.37 U
1,2,4-Trichlorobenzene	--	--	--		0.19 U	0.19 U	0.37 U
1,2-Dichlorobenzene	1.1	100	1.1		0.19 U	0.19 U	0.37 U
1,3-Dichlorobenzene	2.4	49	2.4		0.19 U	0.19 U	0.37 U
1,4-Dichlorobenzene	1.8	13	1.8		0.19 U	0.19 U	0.37 U
1,4-Dioxane	0.1	13	0.1		0.028 U	0.029 U	0.056 U
2,4,5-Trichlorophenol	--	--	--		0.19 U	0.19 U	0.37 U
2,4,6-Trichlorophenol	--	--	--		0.11 U	0.11 U	0.22 U
2,4-Dichlorophenol	--	--	--		0.17 U	0.17 U	0.34 U
2,4-Dimethylphenol	--	--	--		0.19 U	0.19 U	0.37 U
2,4-Dinitrophenol	--	--	--		0.9 U	0.92 U	1.8 U
2,4-Dinitrotoluene	--	--	--		0.19 U	0.19 U	0.37 U
2,6-Dinitrotoluene	--	--	--		0.19 U	0.19 U	0.37 U
2-Chloronaphthalene	--	--	--		0.19 U	0.19 U	0.37 U
2-Chlorophenol	--	--	--		0.19 U	0.19 U	0.37 U
2-Methylnaphthalene	--	--	--		0.22 U	0.23 U	0.45 U
2-Methylphenol	0.33	100	0.33		0.19 U	0.19 U	0.37 U
2-Nitroaniline	--	--	--		0.19 U	0.19 U	0.37 U
2-Nitrophenol	--	--	--		0.4 U	0.41 U	0.81 U
3&4-Methylphenol	0.33	100	0.33		0.27 U	0.27 U	0.54 U
3,3'-Dichlorobenzidine	--	--	--		0.19 U	0.19 U	0.37 U
3-Nitroaniline	--	--	--		0.19 U	0.19 U	0.37 U
4,6-Dinitro-2-methylphenol	--	--	--		0.48 U	0.5 U	0.97 U
4-Bromophenyl phenyl ether	--	--	--		0.19 U	0.19 U	0.37 U
4-Chloro-3-methylphenol	--	--	--		0.19 U	0.19 U	0.37 U
4-Chloroaniline	--	--	--		0.19 U	0.19 U	0.37 U
4-Chlorophenyl phenyl ether	--	--	--		0.19 U	0.19 U	0.37 U
4-Nitroaniline	--	--	--		0.19 U	0.19 U	0.37 U
4-Nitrophenol	--	--	--		0.26 U	0.27 U	0.52 U
Acenaphthene	20	100	98		0.034 J	0.15 U	0.14 J
Acenaphthylene	100	100	107		0.12 J	0.15 U	0.17 J
Acetophenone	--	--	--		0.19 U	0.19 U	0.37 U
Anthracene	100	100	1000		0.14	0.11 U	0.87
Benzo[a]anthracene	1	1	1		0.46	0.11 U	2.4

Table 2. Pre-Validated Summary of Semivolatile Organic Compounds in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	RSB-1700-2 DUP 2/12/2020 0 - 2	RSB-1700-2 2/13/2020 5 - 7	RSB-1700-3 2/12/2020 0 - 2
Benzo[a]pyrene	1	1	22		0.58	0.15 U	2.2
Benzo[b]fluoranthene	1	1	1.7		0.71	0.11 U	2.9
Benzo[g,h,i]perylene	100	100	1000		0.4	0.15 U	1.3
Benzo[k]fluoranthene	0.8	3.9	1.7		0.24	0.11 U	1
Benzoic Acid	--	--	--		0.6 U	0.62 U	1.2 U
Benzyl Alcohol	--	--	--		0.19 U	0.19 U	0.37 U
Bis(2-chloro-1-methylethyl)ether	--	--	--		0.22 U	0.23 U	0.45 U
Bis(2-chloroethoxy)methane	--	--	--		0.2 U	0.2 U	0.4 U
Bis(2-chloroethyl) ether	--	--	--		0.17 U	0.17 U	0.34 U
Bis(2-ethylhexyl) phthalate	--	--	--		0.11 J	0.19 U	0.37 U
Butylbenzyl phthalate	--	--	--		0.19 U	0.19 U	0.37 U
Carbazole	--	--	--		0.063 J	0.19 U	0.066 J
Chrysene	1	3.9	1		0.46	0.11 U	2.2
Dibenzo[a,h]anthracene	0.33	0.33	1000		0.1 J	0.11 U	0.35
Dibenzofuran	7	59	210		0.021 J	0.19 U	0.11 J
Diethyl phthalate	--	--	--		0.19 U	0.19 U	0.37 U
Dimethyl phthalate	--	--	--		0.19 U	0.19 U	0.37 U
Di-n-butyl phthalate	--	--	--		0.19 U	0.19 U	0.37 U
Di-n-octyl phthalate	--	--	--		0.19 U	0.19 U	0.37 U
Fluoranthene	100	100	1000		0.84	0.11 U	5.1
Fluorene	30	100	386		0.039 J	0.19 U	0.19 J
Hexachlorobenzene	0.33	1.2	3.2		0.11 U	0.11 U	0.22 U
Hexachlorobutadiene	--	--	--		0.19 U	0.19 U	0.37 U
Hexachlorocyclopentadiene	--	--	--		0.53 U	0.54 U	1.1 U
Hexachloroethane	--	--	--		0.15 U	0.15 U	0.3 U
Indeno[1,2,3-cd]pyrene	0.5	0.5	8.2		0.42	0.15 U	1.4
Isophorone	--	--	--		0.17 U	0.17 U	0.34 U
Naphthalene	12	100	12		0.026 J	0.19 U	0.053 J
Nitrobenzene	--	--	--		0.17 U	0.17 U	0.34 U
n-Nitrosodi-n-propylamine	--	--	--		0.19 U	0.19 U	0.37 U
n-Nitrosodiphenylamine	--	--	--		0.15 U	0.15 U	0.3 U
Pentachlorophenol	0.8	6.7	0.8		0.15 U	0.15 U	0.3 U
Phenanthrene	100	100	1000		0.4	0.11 U	2.9
Phenols (Total)	--	--	--		0.19 U	0.19 U	0.37 U
Pyrene	100	100	1000		0.74	0.11 U	4.1

Table 2. Pre-Validated Summary of Semivolatile Organic Compounds in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: RSB-1700-3 Sample Date: 2/13/2020 Sample Depth (ft bls): 5 - 7
1,1'-Biphenyl	--	--	--	0.44 U
1,2,4,5-Tetrachlorobenzene	--	--	--	0.19 U
1,2,4-Trichlorobenzene	--	--	--	0.19 U
1,2-Dichlorobenzene	1.1	100	1.1	0.19 U
1,3-Dichlorobenzene	2.4	49	2.4	0.19 U
1,4-Dichlorobenzene	1.8	13	1.8	0.19 U
1,4-Dioxane	0.1	13	0.1	0.029 U
2,4,5-Trichlorophenol	--	--	--	0.19 U
2,4,6-Trichlorophenol	--	--	--	0.12 U
2,4-Dichlorophenol	--	--	--	0.18 U
2,4-Dimethylphenol	--	--	--	0.19 U
2,4-Dinitrophenol	--	--	--	0.94 U
2,4-Dinitrotoluene	--	--	--	0.19 U
2,6-Dinitrotoluene	--	--	--	0.19 U
2-Chloronaphthalene	--	--	--	0.19 U
2-Chlorophenol	--	--	--	0.19 U
2-Methylnaphthalene	--	--	--	0.23 U
2-Methylphenol	0.33	100	0.33	0.19 U
2-Nitroaniline	--	--	--	0.19 U
2-Nitrophenol	--	--	--	0.42 U
3&4-Methylphenol	0.33	100	0.33	0.28 U
3,3'-Dichlorobenzidine	--	--	--	0.19 U
3-Nitroaniline	--	--	--	0.19 U
4,6-Dinitro-2-methylphenol	--	--	--	0.51 U
4-Bromophenyl phenyl ether	--	--	--	0.19 U
4-Chloro-3-methylphenol	--	--	--	0.19 U
4-Chloroaniline	--	--	--	0.19 U
4-Chlorophenyl phenyl ether	--	--	--	0.19 U
4-Nitroaniline	--	--	--	0.19 U
4-Nitrophenol	--	--	--	0.27 U
Acenaphthene	20	100	98	0.16 U
Acenaphthylene	100	100	107	0.16 U
Acetophenone	--	--	--	0.19 U
Anthracene	100	100	1000	0.12 U
Benzo[a]anthracene	1	1	1	0.13

Table 2. Pre-Validated Summary of Semivolatile Organic Compounds in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: RSB-1700-3 Sample Date: 2/13/2020 Sample Depth (ft bls): 5 - 7
Benzo[a]pyrene	1	1	22	0.12 J
Benzo[b]fluoranthene	1	1	1.7	0.16
Benzo[g,h,i]perylene	100	100	1000	0.085 J
Benzo[k]fluoranthene	0.8	3.9	1.7	0.049 J
Benzoic Acid	--	--	--	0.63 U
Benzyl Alcohol	--	--	--	0.19 U
Bis(2-chloro-1-methylethyl)ether	--	--	--	0.23 U
Bis(2-chloroethoxy)methane	--	--	--	0.21 U
Bis(2-chloroethyl) ether	--	--	--	0.18 U
Bis(2-ethylhexyl) phthalate	--	--	--	0.19 U
Butylbenzyl phthalate	--	--	--	0.19 U
Carbazole	--	--	--	0.19 U
Chrysene	1	3.9	1	0.12
Dibenzo[a,h]anthracene	0.33	0.33	1000	0.12 U
Dibenzofuran	7	59	210	0.19 U
Diethyl phthalate	--	--	--	0.19 U
Dimethyl phthalate	--	--	--	0.19 U
Di-n-butyl phthalate	--	--	--	0.19 U
Di-n-octyl phthalate	--	--	--	0.19 U
Fluoranthene	100	100	1000	0.22
Fluorene	30	100	386	0.19 U
Hexachlorobenzene	0.33	1.2	3.2	0.12 U
Hexachlorobutadiene	--	--	--	0.19 U
Hexachlorocyclopentadiene	--	--	--	0.56 U
Hexachloroethane	--	--	--	0.16 U
Indeno[1,2,3-cd]pyrene	0.5	0.5	8.2	0.085 J
Isophorone	--	--	--	0.18 U
Naphthalene	12	100	12	0.19 U
Nitrobenzene	--	--	--	0.18 U
n-Nitrosodi-n-propylamine	--	--	--	0.19 U
n-Nitrosodiphenylamine	--	--	--	0.16 U
Pentachlorophenol	0.8	6.7	0.8	0.16 U
Phenanthrene	100	100	1000	0.073 J
Phenols (Total)	--	--	--	0.19 U
Pyrene	100	100	1000	0.21

Table 3. Pre-Validated Summary of Metals in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	RSB-1700-1 2/12/2020 0 - 2	RSB-1700-1 2/14/2020 6 - 8	RSB-1700-2 2/12/2020 0 - 2
Aluminum	--	--	--		4780	10100	5660
Antimony	--	--	--		1.34 J	4.30 U	0.592 J
Arsenic	13	16	16		8.53	0.799 J	4.85
Barium	350	400	820		1450	123	167
Beryllium	7.2	72	47		0.451 U	0.249 J	0.448 U
Cadmium	2.5	4.3	7.5		1.42	0.98	0.780 J
Calcium	--	--	--		54300	10100	27100
Chromium, Hexavalent	1	110	19		0.356 J	0.910 U	0.298 J
Chromium	30	180	--		16.2	20.1	14.2
Cobalt	--	--	--		4.85	9.9	6.08
Copper	50	270	1720		24.8	28.9	32.5
Cyanide	27	27	40		1.1 U	1.0 U	1.1 U
Iron	--	--	--		9980	16600	11200
Lead	63	400	450		1320	31	239
Magnesium	--	--	--		8020	6940	4150
Manganese	1600	2000	2000		187	281	180
Mercury	0.18	0.81	0.73		0.52	0.071 U	0.299
Nickel	30	310	130		10.6	17.7	10.2
Potassium	--	--	--		1310	2640	1750
Selenium	3.9	180	4		1.10 J	1.72 U	1.10 J
Silver	2	180	8.3		0.903 U	0.859 U	0.896 U
Sodium	--	--	--		245	236	396
Thallium	--	--	--		1.80 U	1.72 U	1.79 U
Vanadium	--	--	--		19.5	26.4	22.9
Zinc	109	10000	2480		1010	99	172

Table 3. Pre-Validated Summary of Metals in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	RSB-1700-2 DUP 2/12/2020 0 - 2	RSB-1700-2 2/13/2020 5 - 7	RSB-1700-3 2/12/2020 0 - 2
Aluminum	--	--	--		6550	10400	2970
Antimony	--	--	--		0.883 J	4.42 U	0.613 J
Arsenic	13	16	16		5.2	0.778 J	3.26
Barium	350	400	820		161	182	40.3
Beryllium	7.2	72	47		0.446 U	0.442 U	0.438 U
Cadmium	2.5	4.3	7.5		0.785 J	0.362 J	0.166 J
Calcium	--	--	--		38200	6570	47800
Chromium, Hexavalent	1	110	19		0.426 J	0.930 U	0.349 J
Chromium	30	180	--		16.8	22.4	5.9
Cobalt	--	--	--		7.29	15.9	2.3
Copper	50	270	1720		39	37.8	7.01
Cyanide	27	27	40		1.1 U	0.30 J	1.1 U
Iron	--	--	--		13900	22400	4720
Lead	63	400	450		193	25.6	88.3
Magnesium	--	--	--		5270	5740	3820
Manganese	1600	2000	2000		203	205	116
Mercury	0.18	0.81	0.73		0.276	0.073 U	0.099
Nickel	30	310	130		13.6	22.9	5.88
Potassium	--	--	--		2300	7330	599
Selenium	3.9	180	4		1.26 J	1.77 U	0.587 J
Silver	2	180	8.3		0.892 U	0.884 U	0.876 U
Sodium	--	--	--		402	218	247
Thallium	--	--	--		1.78 U	1.77 U	1.75 U
Vanadium	--	--	--		25.8	37.1	17
Zinc	109	10000	2480		218	112	64.3

Table 3. Pre-Validated Summary of Metals in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: RSB-1700-3 Sample Date: 2/13/2020 Sample Depth (ft bls): 5 - 7
Aluminum	--	--	--	6330
Antimony	--	--	--	4.53 U
Arsenic	13	16	16	3.6
Barium	350	400	820	82
Beryllium	7.2	72	47	0.453 U
Cadmium	2.5	4.3	7.5	0.236 J
Calcium	--	--	--	66300
Chromium, Hexavalent	1	110	19	0.936 U
Chromium	30	180	--	12.5
Cobalt	--	--	--	5.61
Copper	50	270	1720	12.8
Cyanide	27	27	40	1.1 U
Iron	--	--	--	9860
Lead	63	400	450	62.1
Magnesium	--	--	--	6480
Manganese	1600	2000	2000	247
Mercury	0.18	0.81	0.73	0.079
Nickel	30	310	130	9.98
Potassium	--	--	--	2260
Selenium	3.9	180	4	0.734 J
Silver	2	180	8.3	0.906 U
Sodium	--	--	--	292
Thallium	--	--	--	1.81 U
Vanadium	--	--	--	21.3
Zinc	109	10000	2480	70.4

Table 4. Pre-Validated Summary of Polychlorinated Biphenyls in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	RSB-1700-1 2/12/2020 0 - 2	RSB-1700-1 2/14/2020 6 - 8	RSB-1700-2 2/12/2020 0 - 2
Aroclor-1016	--	--	--		0.0366 U	0.0371 U	0.0372 U
Aroclor-1221	--	--	--		0.0366 U	0.0371 U	0.0372 U
Aroclor-1232	--	--	--		0.0366 U	0.0371 U	0.0372 U
Aroclor-1242	--	--	--		0.0366 U	0.0371 U	0.0372 U
Aroclor-1248	--	--	--		0.0366 U	0.0371 U	0.0372 U
Aroclor-1254	--	--	--		0.0366 U	0.0371 U	0.0253 J
Aroclor-1260	--	--	--		0.0141 J	0.0371 U	0.0256 JP
Aroclor-1262	--	--	--		0.0366 U	0.0371 U	0.0372 U
Aroclor-1268	--	--	--		0.0165 J	0.0371 U	0.007 J
PCBs, Total	0.1	1	3.2		0.0306 J	0.0371 U	0.0579 J

Table 4. Pre-Validated Summary of Polychlorinated Biphenyls in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	RSB-1700-2 DUP 2/12/2020 0 - 2	RSB-1700-2 2/13/2020 5 - 7	RSB-1700-3 2/12/2020 0 - 2
Aroclor-1016	--	--	--		0.0362 U	0.0387 U	0.0362 U
Aroclor-1221	--	--	--		0.0362 U	0.0387 U	0.0362 U
Aroclor-1232	--	--	--		0.0362 U	0.0387 U	0.0362 U
Aroclor-1242	--	--	--		0.0362 U	0.0387 U	0.0362 U
Aroclor-1248	--	--	--		0.0362 U	0.0387 U	0.0362 U
Aroclor-1254	--	--	--		0.031 J	0.0387 U	0.0362 U
Aroclor-1260	--	--	--		0.0185 J	0.0387 U	0.0114 J
Aroclor-1262	--	--	--		0.0362 U	0.0387 U	0.0362 U
Aroclor-1268	--	--	--		0.00799 J	0.0387 U	0.0362 U
PCBs, Total	0.1	1	3.2		0.0575 J	0.0387 U	0.0114 J

Table 4. Pre-Validated Summary of Polychlorinated Biphenyls in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: RSB-1700-3 Sample Date: 2/13/2020 Sample Depth (ft bls): 5 - 7
Aroclor-1016	--	--	--	0.0384 U
Aroclor-1221	--	--	--	0.0384 U
Aroclor-1232	--	--	--	0.0384 U
Aroclor-1242	--	--	--	0.0384 U
Aroclor-1248	--	--	--	0.0384 U
Aroclor-1254	--	--	--	0.0384 U
Aroclor-1260	--	--	--	0.0384 U
Aroclor-1262	--	--	--	0.0384 U
Aroclor-1268	--	--	--	0.0384 U
PCBs, Total	0.1	1	3.2	0.0384 U

Table 5. Pre-Validated Summary of Pesticides and Herbicides in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	RSB-1700-1 2/12/2020 0 - 2	RSB-1700-1 2/14/2020 6 - 8	RSB-1700-2 2/12/2020 0 - 2
2,4,5-T	--	--	--		0.188 U	0.186 U	0.186 U
2,4,5-TP	3.8	100	3.8		0.188 U	0.186 U	0.186 U
2,4-D	--	--	--		0.188 U	0.186 U	0.186 U
4,4'-DDD	0.0033	13	14		0.00177 U	0.00171 U	0.000846 J
4,4'-DDE	0.0033	8.9	17		0.00732	0.00171 U	0.0127
4,4'-DDT	0.0033	7.9	136		0.017	0.0032 U	0.0186
Aldrin	0.005	0.097	0.19		0.00177 U	0.00171 U	0.00181 U
alpha-BHC	0.02	0.48	0.02		0.000739 U	0.000712 U	0.000754 U
alpha-Chlordane	0.094	4.2	2.9		0.00289	0.00214 U	0.00527
beta-BHC	0.036	0.36	0.09		0.00177 U	0.00171 U	0.00181 U
Chlordane	--	--	--		0.0148 U	0.0142 U	0.0151 U
delta-BHC	0.04	100	0.25		0.00177 U	0.00171 U	0.00181 U
Dieldrin	0.005	0.2	0.1		0.00421	0.00107 U	0.0108
Endosulfan I	2.4	24	102		0.00177 U	0.00171 U	0.00181 U
Endosulfan II	2.4	24	102		0.00177 U	0.00171 U	0.00181 U
Endosulfan sulfate	2.4	24	1000		0.000739 U	0.000712 U	0.000754 U
Endrin aldehyde	--	--	--		0.00222 U	0.00214 U	0.00226 U
Endrin ketone	--	--	--		0.00177 U	0.00171 U	0.00181 U
Endrin	0.014	11	0.06		0.000739 U	0.000712 U	0.000754 U
gamma-BHC (Lindane)	0.1	1.3	0.1		0.000739 U	0.000712 U	0.000754 U
gamma-Chlordane	--	--	--		0.00291 IP	0.00214 U	0.00501 IP
Heptachlor epoxide	--	--	--		0.00332 U	0.0032 U	0.00339 U
Heptachlor	0.042	2.1	0.38		0.000886 U	0.000854 U	0.000905 U
Methoxychlor	--	--	--		0.00332 U	0.0032 U	0.00339 U
Toxaphene	--	--	--		0.0332 U	0.032 U	0.0339 U

Table 5. Pre-Validated Summary of Pesticides and Herbicides in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	RSB-1700-2 DUP 2/12/2020 0 - 2	RSB-1700-2 2/13/2020 5 - 7	RSB-1700-3 2/12/2020 0 - 2
2,4,5-T	--	--	--		0.19 U	0.191 U	0.185 U
2,4,5-TP	3.8	100	3.8		0.19 U	0.191 U	0.185 U
2,4-D	--	--	--		0.19 U	0.191 U	0.185 U
4,4'-DDD	0.0033	13	14		0.00113 J	0.0024	0.00847 U
4,4'-DDE	0.0033	8.9	17		0.0146	0.00224	0.00847 U
4,4'-DDT	0.0033	7.9	136		0.0211	0.009	0.00764 J
Aldrin	0.005	0.097	0.19		0.00177 U	0.00186 U	0.00847 U
alpha-BHC	0.02	0.48	0.02		0.000739 U	0.000774 U	0.00353 U
alpha-Chlordane	0.094	4.2	2.9		0.00602	0.00232 U	0.0106 U
beta-BHC	0.036	0.36	0.09		0.00177 U	0.00186 U	0.00847 U
Chlordane	--	--	--		0.0148 U	0.0155 U	0.0706 U
delta-BHC	0.04	100	0.25		0.00177 U	0.00186 U	0.00847 U
Dieldrin	0.005	0.2	0.1		0.0134	0.00116 U	0.00422 J
Endosulfan I	2.4	24	102		0.00177 U	0.00186 U	0.00847 U
Endosulfan II	2.4	24	102		0.00177 U	0.00186 U	0.00847 U
Endosulfan sulfate	2.4	24	1000		0.000739 U	0.000774 U	0.00353 U
Endrin aldehyde	--	--	--		0.00222 U	0.00232 U	0.0106 U
Endrin ketone	--	--	--		0.00177 U	0.00186 U	0.00847 U
Endrin	0.014	11	0.06		0.000739 U	0.000774 U	0.00353 U
gamma-BHC (Lindane)	0.1	1.3	0.1		0.000739 U	0.000774 U	0.00353 U
gamma-Chlordane	--	--	--		0.00592 IP	0.00104 JIP	0.0106 U
Heptachlor epoxide	--	--	--		0.00332 U	0.00348 U	0.0159 U
Heptachlor	0.042	2.1	0.38		0.000887 U	0.000928 U	0.00424 U
Methoxychlor	--	--	--		0.00332 U	0.00348 U	0.0159 U
Toxaphene	--	--	--		0.0332 U	0.0348 U	0.159 U

Table 5. Pre-Validated Summary of Pesticides and Herbicides in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: RSB-1700-3 Sample Date: 2/13/2020 Sample Depth (ft bls): 5 - 7
2,4,5-T	--	--	--	0.195 U
2,4,5-TP	3.8	100	3.8	0.195 U
2,4-D	--	--	--	0.195 U
4,4'-DDD	0.0033	13	14	0.00184 U
4,4'-DDE	0.0033	8.9	17	0.00126 J
4,4'-DDT	0.0033	7.9	136	0.00234 J
Aldrin	0.005	0.097	0.19	0.00184 U
alpha-BHC	0.02	0.48	0.02	0.000765 U
alpha-Chlordane	0.094	4.2	2.9	0.0023 U
beta-BHC	0.036	0.36	0.09	0.00184 U
Chlordane	--	--	--	0.0153 U
delta-BHC	0.04	100	0.25	0.00184 U
Dieldrin	0.005	0.2	0.1	0.00073 J
Endosulfan I	2.4	24	102	0.00184 U
Endosulfan II	2.4	24	102	0.00184 U
Endosulfan sulfate	2.4	24	1000	0.000765 U
Endrin aldehyde	--	--	--	0.0023 U
Endrin ketone	--	--	--	0.00184 U
Endrin	0.014	11	0.06	0.000765 U
gamma-BHC (Lindane)	0.1	1.3	0.1	0.000765 U
gamma-Chlordane	--	--	--	0.0023 U
Heptachlor epoxide	--	--	--	0.00344 U
Heptachlor	0.042	2.1	0.38	0.000918 U
Methoxychlor	--	--	--	0.00344 U
Toxaphene	--	--	--	0.0344 U

Table 6. Pre-Validated Summary of General Chemistry in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: RSB-1700-1 RSB-1700-1 RSB-1700-2 Sample Date: 2/12/2020 2/14/2020 2/12/2020 Sample Depth (ft bls): 0 - 2 6 - 8 0 - 2		
Total Solids	--	--	--	87	87.9	87.1

Table 6. Pre-Validated Summary of General Chemistry in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	RSB-1700-2 DUP 2/12/2020 0 - 2	RSB-1700-2 2/13/2020 5 - 7	RSB-1700-3 2/12/2020 0 - 2
Total Solids	--	--	--		86.9	86	88.9

Table 6. Pre-Validated Summary of General Chemistry in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: RSB-1700-3 Sample Date: 2/13/2020 Sample Depth (ft bls): 5 - 7	
Total Solids	--	--	--		85.5

Table 7. Pre-Validated Summary of Per- and Polyfluoroakyl Substances in Soil, 1700 Park Avenue, New York, New York

Parameter (Concentrations in ug/kg)	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	RSB-1700-1 2/14/2020 6 - 8	RSB-1700-1 DUP 2/14/2020 6 - 8
1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)	--	--	--	ug/kg	1.12 U	1.03 U
1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)	--	--	--	ug/kg	1.12 U	1.03 U
N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)	--	--	--	ug/kg	1.12 U	1.03 U
N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)	--	--	--	ug/kg	1.12 U	1.03 U
PERFLUOROBUTANESULFONIC ACID (PFBS)	--	--	--	ug/kg	1.12 U	1.03 U
PERFLUOROBUTANOIC ACID (PFBA)	--	--	--	ug/kg	1.12 U	1.03 U
PERFLUORODECANESULFONIC ACID (PFDS)	--	--	--	ug/kg	1.12 U	1.03 U
PERFLUORODECANOIC ACID (PFDA)	--	--	--	ug/kg	1.12 U	1.03 U
PERFLUORODODECANOIC ACID (PFDOA)	--	--	--	ug/kg	1.12 U	1.03 U
PERFLUOROHEPTANESULFONIC ACID (PFHPS)	--	--	--	ug/kg	1.12 U	1.03 U
PERFLUOROHEPTANOIC ACID (PFHPA)	--	--	--	ug/kg	1.12 U	1.03 U
PERFLUOROHEXANESULFONIC ACID (PFHXS)	--	--	--	ug/kg	1.12 U	1.03 U
PERFLUOROHEXANOIC ACID (PFHXA)	--	--	--	ug/kg	0.059 J	0.059 J
PERFLUORONONANOIC ACID (PFNA)	--	--	--	ug/kg	1.12 U	1.03 U
PERFLUOROOCTANESULFONAMIDE (FOSA)	--	--	--	ug/kg	1.12 U	1.03 U
PERFLUOROOCTANESULFONIC ACID (PFOS)	--	--	--	ug/kg	0.343 J	0.247 J
PERFLUOROOCTANOIC ACID (PFOA)	--	--	--	ug/kg	0.065 J	0.062 J
PERFLUOROPENTANOIC ACID (PFPEA)	--	--	--	ug/kg	1.12 U	1.03 U
PERFLUOROTETRADECANOIC ACID (PFTA)	--	--	--	ug/kg	1.12 U	1.03 U
PERFLUOROTRIDECANOIC ACID (PFTRDA)	--	--	--	ug/kg	1.12 U	1.03 U
PERFLUOROUNDECANOIC ACID (PFUNA)	--	--	--	ug/kg	1.12 U	1.03 U
PFOA/PFOS, TOTAL	--	--	--	ug/kg	0.408 J	0.309 J

Table 8. Pre-Validated Summary of Volatile Organic Compounds in Groundwater, 1700 Park Avenue, New York, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation: Sample Date: B-4 2/17/2020	RMW-1700-1 2/14/2020	RMW-1700-1 DUP 2/14/2020
1,1,1,2-Tetrachloroethane	5	2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane	5	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	1	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	5	0.50 U	0.50 U	0.50 U
1,1-Dichloropropene	5	2.5 U	2.5 U	2.5 U
1,2,3-Trichlorobenzene	5	2.5 U	2.5 U	2.5 U
1,2,3-Trichloropropane	0.04	2.5 U	2.5 U	2.5 U
1,2,4,5-Tetramethylbenzene	5	2.0 U	2.0 U	2.0 U
1,2,4-Trichlorobenzene	5	2.5 U	2.5 U	2.5 U
1,2,4-Trimethylbenzene	5	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane	--	2.0 U	2.0 U	2.0 U
1,2-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6	0.50 U	0.50 U	0.50 U
1,2-Dichloroethene (total)	5	2.5 U	2.5 U	2.5 U
1,2-Dichloropropane	1	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	5	2.5 U	2.5 U	2.5 U
1,3-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U
1,3-Dichloropropane	5	2.5 U	2.5 U	2.5 U
1,3-Dichloropropene	0.4	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U
1,4-Diethylbenzene	--	2.0 U	2.0 U	2.0 U
1,4-Dioxane	--	250 U	250 U	250 U
2,2-Dichloropropane	5	2.5 U	2.5 U	2.5 U
2-Butanone (MEK)	50	5.0 U	5.0 U	5.0 U
2-Hexanone	50	5.0 U	5.0 U	5.0 U
4-Ethyltoluene	--	2.0 U	2.0 U	2.0 U
4-Methyl-2-pentanone (MIBK)	--	5.0 U	5.0 U	5.0 U
Acetone	50	5.0 U	5.0 U	5.0 U
Acrylonitrile	5	5.0 U	5.0 U	5.0 U
Benzene	1	0.50 U	0.50 U	0.50 U
Bromobenzene	5	2.5 U	2.5 U	2.5 U
Bromochloromethane	5	2.5 U	2.5 U	2.5 U
Bromodichloromethane	50	0.50 U	0.50 U	0.50 U
Bromoform	50	2.0 U	2.0 U	2.0 U

Table 8. Pre-Validated Summary of Volatile Organic Compounds in Groundwater, 1700 Park Avenue, New York, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation: Sample Date: B-4 2/17/2020	RMW-1700-1 2/14/2020	RMW-1700-1 DUP 2/14/2020
Bromomethane	5	2.5 U	2.5 U	2.5 U
Carbon disulfide	60	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	5	0.50 U	0.50 U	0.50 U
Chlorobenzene	5	2.5 U	2.5 U	2.5 U
Chloroethane	5	2.5 U	2.5 U	2.5 U
Chloroform	7	2.5 U	2.5 U	2.5 U
Chloromethane	--	2.5 U	2.5 U	2.5 U
cis-1,2-Dichloroethene	5	2.5 U	2.5 U	2.5 U
cis-1,3-Dichloropropene	5	0.50 U	0.50 U	0.50 U
Dibromochloromethane	50	0.50 U	0.50 U	0.50 U
Dibromochloropropane	0.04	2.5 U	2.5 U	2.5 U
Dibromomethane	5	5.0 U	5.0 U	5.0 U
Dichlorodifluoromethane	5	5.0 U	5.0 U	5.0 U
Diethyl Ether	--	2.5 U	2.5 U	2.5 U
Ethylbenzene	5	2.5 U	2.5 U	2.5 U
Hexachlorobutadiene	0.5	2.5 U	2.5 U	2.5 U
Isopropylbenzene	5	2.5 U	2.5 U	2.5 U
m+p-Xylene	5	2.5 U	2.5 U	2.5 U
Methylene chloride	5	2.5 U	2.5 U	2.5 U
MTBE	10	2.5 U	2.5 U	2.5 U
Naphthalene	10	2.5 U	2.5 U	2.5 U
n-Butylbenzene	5	2.5 U	2.5 U	2.5 U
n-Propylbenzene	5	2.5 U	2.5 U	2.5 U
o-Chlorotoluene	5	2.5 U	2.5 U	2.5 U
o-Xylene	5	2.5 U	2.5 U	2.5 U
p-Chlorotoluene	5	2.5 U	2.5 U	2.5 U
p-Isopropyltoluene	5	2.5 U	2.5 U	2.5 U
sec-Butylbenzene	5	2.5 U	2.5 U	2.5 U
Styrene	5	2.5 U	2.5 U	2.5 U
tert-Butylbenzene	5	2.5 U	2.5 U	2.5 U
Tetrachloroethene	5	1.4	0.77	0.71
Toluene	5	2.5 U	2.5 U	2.5 U
trans-1,2-Dichloroethene	5	2.5 U	2.5 U	2.5 U
trans-1,3-Dichloropropene	--	0.50 U	0.50 U	0.50 U
trans-1,4-Dichloro-2-butene	--	2.5 U	2.5 U	2.5 U
Trichloroethene	5	0.50 U	0.50 U	0.50 U

Table 8. Pre-Validated Summary of Volatile Organic Compounds in Groundwater, 1700 Park Avenue, New York, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation: B-4 RMW-1700-1 RMW-1700-1 DUP		
		Sample Date: 2/17/2020	2/14/2020	2/14/2020
Trichlorofluoromethane	5	2.5 U	2.5 U	2.5 U
Vinyl acetate	--	5.0 U	5.0 U	5.0 U
Vinyl chloride	2	1.0 U	1.0 U	1.0 U
Xylenes (total)	5	2.5 U	2.5 U	2.5 U

Table 9. Pre-Validated Summary of Semivolatile Organic Compounds in Groundwater, 1700 Park Avenue, New York, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation: Sample Date: B-4 2/17/2020	RMW-1700-1 2/14/2020	RMW-1700-1 DUP 2/14/2020
1,1'-Biphenyl	--	2.0 U	2.0 U	2.0 U
1,2,4,5-Tetrachlorobenzene	--	10 U	10 U	10 U
1,2,4-Trichlorobenzene	5	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U
1,3-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U
1,4-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U
2,4,5-Trichlorophenol	--	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	--	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	5	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	50	5.0 U	5.0 U	5.0 U
2,4-Dinitrophenol	10	20 U	20 U	20 U
2,4-Dinitrotoluene	5	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene	5	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	10	0.20 U	0.20 U	0.20 U
2-Chlorophenol	--	2.0 U	2.0 U	2.0 U
2-Methylnaphthalene	--	0.10 U	0.10 U	0.10 U
2-Methylphenol	--	5.0 U	5.0 U	5.0 U
2-Nitroaniline	5	5.0 U	5.0 U	5.0 U
2-Nitrophenol	--	10 U	10 U	10 U
3&4-Methylphenol	--	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	5	5.0 U	5.0 U	5.0 U
3-Nitroaniline	5	5.0 U	5.0 U	5.0 U
4,6-Dinitro-2-methylphenol	--	10 U	10 U	10 U
4-Bromophenyl phenyl ether	--	2.0 U	2.0 U	2.0 U
4-Chloro-3-methylphenol	--	2.0 U	2.0 U	2.0 U
4-Chloroaniline	5	5.0 U	5.0 U	5.0 U
4-Chlorophenyl phenyl ether	--	2.0 U	2.0 U	2.0 U
4-Nitroaniline	5	5.0 U	5.0 U	5.0 U
4-Nitrophenol	--	10 U	10 U	10 U
Acenaphthene	20	0.10 U	0.10 U	0.10 U
Acenaphthylene	20	0.10 U	0.10 U	0.10 U
Acetophenone	--	5.0 U	5.0 U	5.0 U
Anthracene	50	0.02 J	0.05 J	0.06 J
Benzo[a]anthracene	0.002	0.10 U	0.10 U	0.04 J
Benzo[a]pyrene	0	0.10 U	0.10 U	0.10 U
Benzo[b]fluoranthene	0.002	0.10 U	0.10 U	0.02 J

Table 9. Pre-Validated Summary of Semivolatile Organic Compounds in Groundwater, 1700 Park Avenue, New York, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation: Sample Date: B-4 2/17/2020 RMW-1700-1 2/14/2020 RMW-1700-1 DUP 2/14/2020		
Benzo[g,h,i]perylene	--	0.10 U	0.10 U	0.10 U
Benzo[k]fluoranthene	0.002	0.10 U	0.10 U	0.01 J
Benzoic Acid	--	50 U	50 U	50 U
Benzyl Alcohol	--	2.0 U	2.0 U	2.0 U
Bis(2-chloro-1-methylethyl)ether	5	2.0 U	2.0 U	2.0 U
Bis(2-chloroethoxy)methane	5	5.0 U	5.0 U	5.0 U
Bis(2-chloroethyl) ether	--	2.0 U	2.0 U	2.0 U
Bis(2-ethylhexyl) phthalate	5	3.0 U	3.0 U	3.0 U
Butylbenzyl phthalate	50	5.0 U	5.0 U	5.0 U
Carbazole	--	2.0 U	2.0 U	2.0 U
Chrysene	0.002	0.10 U	0.10 U	0.03 J
Dibenzo[a,h]anthracene	--	0.10 U	0.10 U	0.10 U
Dibenzofuran	--	2.0 U	2.0 U	2.0 U
Diethyl phthalate	50	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	50	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	50	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	--	5.0 U	5.0 U	5.0 U
Fluoranthene	50	0.10 U	0.03 J	0.05 J
Fluorene	50	0.10 U	0.10 U	0.10 U
Hexachlorobenzene	0.04	0.80 U	0.80 U	0.80 U
Hexachlorobutadiene	0.5	0.50 U	0.50 U	0.50 U
Hexachlorocyclopentadiene	5	20 U	20 U	20 U
Hexachloroethane	5	0.80 U	0.80 U	0.80 U
Indeno[1,2,3-cd]pyrene	0.002	0.10 U	0.10 U	0.10 U
Isophorone	50	5.0 U	5.0 U	5.0 U
Naphthalene	10	0.10 U	0.05 J	0.10 U
Nitrobenzene	0.4	2.0 U	2.0 U	2.0 U
n-Nitrosodi-n-propylamine	--	5.0 U	5.0 U	5.0 U
n-Nitrosodiphenylamine	50	2.0 U	2.0 U	2.0 U
Pentachlorophenol	1	0.80 U	0.80 U	0.80 U
Phenanthrene	50	0.10 U	0.04 J	0.05 J
Phenols (Total)	1	5.0 U	5.0 U	5.0 U
Pyrene	50	0.10 U	0.02 J	0.04 J

Table 10. Pre-Validated Summary of Metals in Groundwater, 1700 Park Avenue, New York, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation: B-4		B-4		RMW-1700-1		RMW-1700-1 DUP	
		Sample Date: 2/17/2020		2/17/2020	2/17/2020	2/14/2020	2/14/2020	2/14/2020	2/14/2020
		T		D	T	D	T	D	
Aluminum	--	3.95 J		5.85 J	398	8.25 J	128	8.3 J	
Antimony	3	0.5 J		1.75 J	4 U	1 J	4 U	0.5 J	
Arsenic	25	0.44 J		0.56	0.33 J	0.54	0.27 J	0.51	
Barium	1000	37.78		33.56	49.05	45.19	44.45	43.68	
Beryllium	3	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
Cadmium	5	0.08 J		0.07 J	0.25	0.32	0.28	0.29	
Calcium	--	498000		410000	691000	681000	706000	619000	
Chromium, Hexavalent	50	4 J			3 J		3 J		
Chromium	50	2.95		2.76	3.32	2.28	3.19	2.3	
Cobalt	--	0.58		0.62	6.63	5.81	6.02	5.68	
Copper	200	5.07		5.4	2.74	2.29	2.15	2.02	
Cyanide	200	7			8		8		
Iron	300	50 U		30.6 J	688	90.9	252	203	
Lead	25	1.74		1.52	1.28	1 U	0.39 J	1 U	
Magnesium	35000	130000		92200	131000	108000	135000	106000	
Manganese	300	15.82		19.77	1313	1131	1144	1008	
Mercury	0.7	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	
Nickel	100	2.59		2.81	7.13	7.09	6.53	6.4	
Potassium	--	18000		15100	22000	19300	22300	18800	
Selenium	10	9.47		9.08	12.1	15.4	12.6	14.3	
Silver	50	0.4 U		0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	
Sodium	20000	190000		162000	726000	684000	741000	596000	
Thallium	0.5	0.28 J		0.41 J	0.16 J	0.23 J	1 U	0.16 J	
Vanadium	--	5 U		5 U	5 U	5 U	5 U	5 U	
Zinc	2000	17.42		23.73	5.45 J	7.78 J	3.58 J	7.51 J	

Table 11. Pre-Validated Summary of Polychlorinated Biphenyls in Groundwater, 1700 Park Avenue, New York, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation: Sample Date:	B-4 2/17/2020	RMW-1700-1 2/14/2020	RMW-1700-1 DUP 2/14/2020
Aroclor-1016	--		0.083 U	0.083 U	0.083 U
Aroclor-1221	--		0.083 U	0.083 U	0.083 U
Aroclor-1232	--		0.083 U	0.083 U	0.083 U
Aroclor-1242	--		0.083 U	0.083 U	0.083 U
Aroclor-1248	--		0.083 U	0.083 U	0.083 U
Aroclor-1254	--		0.083 U	0.083 U	0.083 U
Aroclor-1260	--		0.083 U	0.083 U	0.083 U
Aroclor-1262	--		0.083 U	0.083 U	0.083 U
Aroclor-1268	--		0.083 U	0.083 U	0.083 U
PCBs, Total	0.1		0.083 U	0.083 U	0.083 U

Table 12. Pre-Validated Summary of Pesticides in Groundwater, 1700 Park Avenue, New York, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation: Sample Date: B-4 2/17/2020	RMW-1700-1 2/14/2020	RMW-1700-1 DUP 2/14/2020
2,4,5-T	--	2.00 U	2.00 U	2.00 U
2,4,5-TP	0.26	2.00 U	2.00 U	2.00 U
2,4-D	50	10.0 U	10.0 U	10.0 U
4,4'-DDD	0.3	0.029 U	0.029 U	0.029 U
4,4'-DDE	0.2	0.029 U	0.029 U	0.029 U
4,4'-DDT	0.2	0.029 U	0.029 U	0.029 U
Aldrin	0	0.014 U	0.014 U	0.014 U
alpha-BHC	--	0.014 U	0.014 U	0.014 U
alpha-Chlordane	--	0.014 U	0.014 U	0.014 U
beta-BHC	--	0.014 U	0.014 U	0.014 U
Chlordane	0.05	0.143 U	0.143 U	0.143 U
delta-BHC	--	0.014 U	0.014 U	0.014 U
Dieldrin	0.004	0.012 J	0.029 U	0.029 U
Endosulfan I	--	0.014 U	0.014 U	0.014 U
Endosulfan II	--	0.029 U	0.029 U	0.029 U
Endosulfan sulfate	--	0.029 U	0.029 U	0.029 U
Endrin aldehyde	5	0.029 U	0.029 U	0.029 U
Endrin ketone	--	0.029 U	0.029 U	0.029 U
Endrin	0	0.029 U	0.029 U	0.029 U
gamma-BHC (Lindane)	--	0.014 U	0.014 U	0.014 U
gamma-Chlordane	--	0.014 U	0.014 U	0.014 U
Heptachlor epoxide	0.03	0.014 U	0.014 U	0.014 U
Heptachlor	0.04	0.014 U	0.014 U	0.014 U
Methoxychlor	35	0.143 U	0.143 U	0.143 U
Toxaphene	0.06	0.143 U	0.143 U	0.143 U

Table 13. Pre-Validated Summary of Per- and Polyfluoralkyl Substances in Groundwater, 1700 Park Avenue, New York, New York

Parameter (Concentrations in ng/L)	NYSDEC AWQSGVs (ng/L)	Designation: Sample Date: B-4 2/17/2020	B-4 DUP 2/17/2020
1H,1H,2H,2H-PERFLUORODECANESULFONIC ACID (8:2FTS)		1.09 U	1.08 U
1H,1H,2H,2H-PERFLUOROOCTANESULFONIC ACID (6:2FTS)		1.19 U	1.19 U
N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NETFOSAA)		0.720 U	0.718 U
N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID (NMEFOSAA)		0.581 U	0.578 U
PERFLUOROBUTANESULFONIC ACID (PFBS)		12.6	11.5
PERFLUOROBUTANOIC ACID (PFBA)		10.8	10.9
PERFLUORODECANESULFONIC ACID (PFDS)		0.878 U	0.875 U
PERFLUORODECANOIC ACID (PFDA)		0.512 J	0.271 U
PERFLUORODODECANOIC ACID (PFDOA)		0.333 U	0.332 U
PERFLUOROHEPTANESULFONIC ACID (PFHPS)		1.26 J	1.64 J
PERFLUOROHEPTANOIC ACID (PFHPA)		11.6	11.3
PERFLUOROHEXANESULFONIC ACID (PFHXS)		18.2	18.2
PERFLUOROHEXANOIC ACID (PFHXA)		10.1	9.81
PERFLUORONONANOIC ACID (PFNA)		4.34	3.56
PERFLUOROOCTANESULFONAMIDE (FOSA)		0.520 U	0.518 U
PERFLUOROOCTANESULFONIC ACID (PFOS)		76.9	89
PERFLUOROOCTANOIC ACID (PFOA)		63.2	66.7
PERFLUOROPENTANOIC ACID (PFPEA)		9.25	9.12
PERFLUOROTETRADECANOIC ACID (PFTA)		0.222 U	0.221 U
PERFLUOROTRIDECANOIC ACID (PFTRDA)		0.293 U	0.292 U
PERFLUOROUNDECANOIC ACID (PFUNA)		0.233 U	0.232 U
PFOA/PFOS, TOTAL		140	156

Table 14. Pre-Validated Summary of Volatile Organic Compounds in Soil Vapor, 1700 Park Avenue, New York, New York

Parameter (Concentrations in ug/m3)	Sample Designation: RSV-1700-1 Sample Date: 2/14/2020	RSV-1700-2 2/14/2020	RSV-1700-3 2/14/2020	RSV-1700-4 2/14/2020
1,1,1-Trichloroethane	1.09 U	1.09 U	1.09 U	1.09 U
1,1,2,2-Tetrachloroethane	1.37 U	1.37 U	1.37 U	1.37 U
1,1,2-Trichloroethane	1.09 U	1.09 U	1.09 U	1.09 U
1,1-Dichloroethane	0.809 U	0.809 U	0.809 U	0.809 U
1,1-Dichloroethene	0.793 U	0.793 U	0.793 U	0.793 U
1,2,4-Trichlorobenzene	1.48 U	1.48 U	1.48 U	1.48 U
1,2,4-Trimethylbenzene	0.983 U	0.983 U	0.983 U	0.983 U
1,2-Dibromoethane	1.54 U	1.54 U	1.54 U	1.54 U
1,2-Dichlorobenzene	1.20 U	1.20 U	1.20 U	1.20 U
1,2-Dichloroethane	0.809 U	0.809 U	0.809 U	0.809 U
1,2-Dichloropropane	0.924 U	0.924 U	0.924 U	0.924 U
1,3,5-Trimethylbenzene	0.983 U	0.983 U	0.983 U	0.983 U
1,3-Butadiene	1.42	0.442 U	0.442 U	1.49
1,3-Dichlorobenzene	1.20 U	1.20 U	1.20 U	1.20 U
1,4-Dichlorobenzene	1.20 U	1.20 U	1.20 U	1.20 U
1,4-Dioxane	0.721 U	0.721 U	0.721 U	0.721 U
2-Butanone (MEK)	29.1	3.92	4.72	11.5
2-Hexanone	0.820 U	0.820 U	0.820 U	0.820 U
3-Chloropropene	0.626 U	0.626 U	0.626 U	0.626 U
4-Ethyltoluene	0.983 U	0.983 U	0.983 U	0.983 U
4-Methyl-2-pentanone (MIBK)	2.05 U	2.05 U	2.05 U	2.05 U
Acetone	56.1	67.2	55.3	50.4
Benzene	1.9	1.33	1.22	1.77
Benzyl chloride	1.04 U	1.04 U	1.04 U	1.04 U
Bromodichloromethane	1.34 U	1.34 U	1.34 U	1.34 U
Bromoethene	0.874 U	0.874 U	0.874 U	0.874 U
Bromoform	2.07 U	2.07 U	2.07 U	2.07 U
Bromomethane	0.777 U	0.777 U	0.777 U	0.777 U
Carbon disulfide	1.66	0.623 U	0.863	7.6
Carbon tetrachloride	1.26 U	1.26 U	1.26 U	1.26 U
Chlorobenzene	0.921 U	0.921 U	0.921 U	0.921 U
Chloroethane	0.528 U	0.528 U	0.528 U	0.528 U
Chloroform	0.977 U	2.89	0.977 U	2.17
Chloromethane	0.413 U	0.413 U	0.413 U	0.413 U
cis-1,2-Dichloroethene	0.793 U	0.793 U	0.793 U	0.793 U
cis-1,3-Dichloropropene	0.908 U	0.908 U	0.908 U	0.908 U

Table 14. Pre-Validated Summary of Volatile Organic Compounds in Soil Vapor, 1700 Park Avenue, New York, New York

Parameter (Concentrations in ug/m3)	Sample Designation: RSV-1700-1 Sample Date: 2/14/2020	RSV-1700-2 2/14/2020	RSV-1700-3 2/14/2020	RSV-1700-4 2/14/2020
Cyclohexane	3.24	0.726	1.57	10.1
Dibromochloromethane	1.70 U	1.70 U	1.70 U	1.70 U
Dichlorodifluoromethane	2.15	2.15	2.22	2.11
Ethanol	12.2	9.42 U	11.8	11
Ethyl Acetate	1.80 U	1.80 U	1.80 U	1.80 U
Ethylbenzene	0.869 U	0.869 U	0.869 U	0.869 U
Freon 113	1.53 U	1.53 U	1.53 U	1.53 U
Freon 114	1.40 U	1.40 U	1.40 U	1.40 U
HEPTANE	6.88	3.7	4.67	4.75
Hexachlorobutadiene	2.13 U	2.13 U	2.13 U	2.13 U
Isooctane	1.67	1.31	1.73	1.6
Isopropanol	3.86	1.55	18.2	2.33
m+p-Xylene	1.74	1.94	1.74 U	2.14
Methylene chloride	1.74 U	1.74 U	1.74 U	1.74 U
MTBE	0.721 U	0.721 U	0.721 U	0.721 U
n-Hexane	21.3	2.13	2.05	3.56
o-Xylene	0.869 U	0.869 U	0.869 U	1.04
Styrene	0.852 U	0.852 U	0.852 U	0.852 U
t-Butyl Alcohol	11.1	17.7	13.3	13
Tetrachloroethene	7.05	6.22	2.63	3.86
Tetrahydrofuran	1.7	1.47 U	1.47 U	1.47 U
Toluene	7.46	7.46	5.88	6.29
trans-1,2-Dichloroethene	0.793 U	0.793 U	0.793 U	0.793 U
trans-1,3-Dichloropropene	0.908 U	0.908 U	0.908 U	0.908 U
Trichloroethene	1.07 U	1.07 U	1.07 U	1.07 U
Trichlorofluoromethane	1.17	1.12 U	1.16	1.23
Vinyl chloride	0.511 U	0.511 U	0.511 U	0.511 U



ANALYTICAL REPORT

Lab Number:	L2006439
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Wendy Shen
Phone:	(631) 232-2600
Project Name:	1700 PARK AVENUE
Project Number:	3482.0001Y
Report Date:	02/24/20

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2006439-01	RSB-1700-2_0-2	SOIL	1700 PARK AVENUE, NEW YORK, NY	02/12/20 11:30	02/12/20
L2006439-02	DUP-1700-20200212	SOIL	1700 PARK AVENUE, NEW YORK, NY	02/12/20 12:00	02/12/20
L2006439-03	FB-1700-20200212	FIELD BLANK	1700 PARK AVENUE, NEW YORK, NY	02/12/20 15:00	02/12/20
L2006439-04	RSB-1700-3_0-2	SOIL	1700 PARK AVENUE, NEW YORK, NY	02/12/20 15:30	02/12/20
L2006439-05	TB-1700-20200212	TRIP BLANK (AQUEOUS)	1700 PARK AVENUE, NEW YORK, NY	02/12/20 00:00	02/12/20
L2006439-06	RSB-1700-1_0-2	SOIL	1700 PARK AVENUE, NEW YORK, NY	02/12/20 16:30	02/12/20
L2006439-07	RSB-1700-3_5-7	SOIL	1700 PARK AVENUE, NEW YORK, NY	02/13/20 13:30	02/13/20
L2006439-08	RSB-1700-2_5-7	SOIL	1700 PARK AVENUE, NEW YORK, NY	02/13/20 14:00	02/13/20
L2006439-09	TB-1700-20200213	TRIP BLANK (AQUEOUS)	1700 PARK AVENUE, NEW YORK, NY	02/12/20 00:00	02/13/20
L2006439-10	RSB-1700-1_6-8	SOIL	1700 PARK AVENUE, NEW YORK, NY	02/14/20 09:45	02/14/20
L2006439-11	RMW-1700-1	WATER	1700 PARK AVENUE, NEW YORK, NY	02/14/20 15:00	02/14/20
L2006439-12	DUP-1700-20200214_002	WATER	1700 PARK AVENUE, NEW YORK, NY	02/14/20 12:05	02/14/20
L2006439-13	FB-1700-20200214_002	FIELD BLANK	1700 PARK AVENUE, NEW YORK, NY	02/14/20 16:00	02/14/20
L2006439-14	TB-1700-20200214	TRIP BLANK (AQUEOUS)	1700 PARK AVENUE, NEW YORK, NY	02/14/20 00:00	02/14/20
L2006439-15	B-4	WATER	1700 PARK AVENUE, NEW YORK, NY	02/17/20 09:00	02/17/20
L2006439-16	TB-1700-20200217	TRIP BLANK (AQUEOUS)	1700 PARK AVENUE, NEW YORK, NY	02/14/20 00:00	02/17/20

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
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Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2006439-03: Sample containers for 1,4 Dioxane via EPA 8270D-SIM were received, but were not listed on the chain of custody. At the client's request, the analysis was not performed. Additionally, and at the client's request, the Client ID was changed.

Semivolatile Organics

L2006439-04: The sample has elevated detection limits due to the dilution required by matrix interferences encountered during the concentration of the sample.

The WG1340286-2/-3 LCS/LCSD recoveries, associated with L2006439-03, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

The WG1341723-2 LCS recovery, associated with L2006439-15, is below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

The WG1340614-4/-5 MS/MSD recoveries, performed on L2006439-04, are outside the acceptance criteria for fluoranthene (0%/0%), benzo(a)anthracene (0%/0%), benzo(a)pyrene (MS 0%), benzo(b)fluoranthene (0%/0%), chrysene (0%/0%), phenanthrene (0%/0%), and pyrene (0%/0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

The WG1340614-4/-5 MS/MSD recoveries, performed on L2006439-04, are below the acceptance criteria for hexachlorocyclopentadiene (MSD 0%), 2,4-dinitrophenol (0%/0%), and benzoic acid (0%/0%) due to the concentrations of these compounds falling below the reported detection limits.

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Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Case Narrative (continued)

Pesticides

L2006439-04: The sample has elevated detection limits due to the dilution required by the sample matrix.

Total Metals

L2006439-01, -02, -04, -06, -07, -08, and -10: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis. The WG1340652-1 Method Blank, associated with L2006439-01, -02, -04, and -06, has concentrations above the reporting limits for chromium and iron. Since the associated sample concentrations are greater than 10x the blank concentrations for these analytes, no corrective action is required.

The WG1340652-1 Method Blank, associated with L2006439-01, -02, -04, and -06, has a concentration above the reporting limit for chromium. The sample concentration is greater than 10x the blank concentration for this analyte in L2006439-01, -02, and -06; therefore, no corrective action was required. L2006439-04 was re-digested for chromium and reported under WG1341496.

The WG1340652-1 Method Blank, associated with L2006439-01, -02, -04, and -06, has a concentration above the reporting limit for iron. Since the associated sample concentrations are greater than 10x the blank concentration for this analyte, no corrective action is required.

The WG1341024-1 Method Blank, associated with L2006439-07 and -08, has a concentration above the reporting limit for iron. Since the associated sample concentrations are greater than 10x the blank concentration for this analyte, no corrective action is required.

The WG1340652-3/-4 MS/MSD recoveries for aluminum (317%/852%), calcium (668%/1300%), iron (895%/529%), and magnesium (314%/726%), performed on L2006439-04, do not apply because the sample concentrations are greater than four times the spike amounts added. The MS/MSD RPDs for aluminum (22%) and magnesium (41%) are above the acceptance criteria.

The WG1340652-3/-4 MS/MSD recoveries, performed on L2006439-04, are outside the acceptance criteria for lead (53%/25%) and potassium (MS 127%). A post digestion spike was performed and was within acceptance criteria.

The WG1341532-3 MS recovery, performed on L2006439-10, is outside the acceptance criteria for mercury

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Case Narrative (continued)

(145%). A post digestion spike was performed and was within acceptance criteria.

The WG1341872-7/-8 MS/MSD recoveries for calcium (20%/10%), magnesium (MS 50%), and sodium (0%/0%), performed on L2006439-15, do not apply because the sample concentrations are greater than four times the spike amounts added.

Dissolved Metals

The WG1342674-3/-4 MS/MSD recoveries for calcium (210%/210%), magnesium (218%/258%), and sodium (240%/310%), performed on L2006439-15, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1342674-3 MS recovery, performed on L2006439-15, is outside the acceptance criteria for iron (135%). A post digestion spike was performed and was within acceptance criteria.

Cyanide, Total

The WG1340423-2/-3 LCS/LCSD recoveries for cyanide, total (66%/75%), associated with L2006439-01, -02, and -06, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1340424-2/-3 LCS/LCSD recoveries for cyanide, total (66%/75%), associated with L2006439-04, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1340944-2/-3 LCS/LCSD recoveries for cyanide, total (79%/74%), associated with L2006439-07, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1340945-2/-3 LCS/LCSD recoveries for cyanide, total (75%/71%), associated with L2006439-08, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1341238-2/-3 LCS/LCSD recoveries (68%/37%), associated with L2006439-10, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses

Project Name: 1700 PARK AVENUE
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Report Date: 02/24/20

Case Narrative (continued)

are reported. The LCS/LCSD RPD (59%) is above the acceptance criteria.

The WG1340424-4 MS recovery, performed on L2006439-04, is outside the acceptance criteria for cyanide, total (70%).

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 02/24/20

ORGANICS

VOLATILES

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-01

Date Collected: 02/12/20 11:30

Client ID: RSB-1700-2_0-2

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 02/14/20 11:45

Analyst: MKS

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	0.51	J	ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.91	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	0.26	J	ug/kg	0.66	0.22	1
Toluene	ND		ug/kg	1.3	0.71	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.76	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.59	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-01

Date Collected: 02/12/20 11:30

Client ID: RSB-1700-2_0-2

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.74	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.3	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.16	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.2	0.85	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-01**Date Collected:** 02/12/20 11:30**Client ID:** RSB-1700-2_0-2**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	100	46.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	96		70-130

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-02

Date Collected: 02/12/20 12:00

Client ID: DUP-1700-20200212

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 02/14/20 12:40

Analyst: MKS

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.5	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.65	0.25	1
Chlorobenzene	ND		ug/kg	0.65	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.90	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.65	0.22	1
Bromodichloromethane	ND		ug/kg	0.65	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.65	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.65	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.65	0.21	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.65	0.22	1
Benzene	ND		ug/kg	0.65	0.22	1
Toluene	ND		ug/kg	1.3	0.70	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.75	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.18	1

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-02

Date Collected: 02/12/20 12:00

Client ID: DUP-1700-20200212

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.65	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.72	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.65	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.2	0.84	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-02**Date Collected:** 02/12/20 12:00**Client ID:** DUP-1700-20200212**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.43	1
1,4-Dioxane	ND		ug/kg	100	45.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.5	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	98		70-130

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-03

Date Collected: 02/12/20 15:00

Client ID: FB-1700-20200212

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Analytical Method: 1,8260C

Analytical Date: 02/13/20 13:54

Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-03**Date Collected:** 02/12/20 15:00**Client ID:** FB-1700-20200212**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-03**Date Collected:** 02/12/20 15:00**Client ID:** FB-1700-20200212**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	97		70-130

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-04
 Client ID: RSB-1700-3_0-2
 Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/12/20 15:30
 Date Received: 02/12/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 02/15/20 08:28

Analyst: MV

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.4	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.64	0.25	1
Chlorobenzene	ND		ug/kg	0.64	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.89	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.64	0.21	1
Bromodichloromethane	ND		ug/kg	0.64	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.64	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.64	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.64	0.20	1
Bromoform	ND		ug/kg	5.1	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.64	0.21	1
Benzene	ND		ug/kg	0.64	0.21	1
Toluene	ND		ug/kg	1.3	0.70	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.6	0.75	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	0.25	J	ug/kg	1.9	0.18	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-04**Date Collected:** 02/12/20 15:30**Client ID:** RSB-1700-3_0-2**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.64	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.72	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	0.25	J	ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.64	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.24	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.1	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.1	0.84	1
Acrylonitrile	ND		ug/kg	5.1	1.5	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-04**Date Collected:** 02/12/20 15:30**Client ID:** RSB-1700-3_0-2**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.43	1
1,4-Dioxane	ND		ug/kg	100	45.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.49	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.24	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	92		70-130

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-05

Date Collected: 02/12/20 00:00

Client ID: TB-1700-20200212

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Trip Blank (Aqueous)

Analytical Method: 1,8260C

Analytical Date: 02/13/20 14:19

Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-05**Date Collected:** 02/12/20 00:00**Client ID:** TB-1700-20200212**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-05**Date Collected:** 02/12/20 00:00**Client ID:** TB-1700-20200212**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	91		70-130

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-06

Date Collected: 02/12/20 16:30

Client ID: RSB-1700-1_0-2

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 02/14/20 13:35

Analyst: MKS

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	1.8		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.20	1
Bromodichloromethane	ND		ug/kg	0.62	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.20	1
Benzene	ND		ug/kg	0.62	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-06**Date Collected:** 02/12/20 16:30**Client ID:** RSB-1700-1_0-2**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.14	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-06**Date Collected:** 02/12/20 16:30**Client ID:** RSB-1700-1_0-2**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.41	1
1,4-Dioxane	ND		ug/kg	98	43.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	95		70-130

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-07
 Client ID: RSB-1700-3_5-7
 Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/13/20 13:30
 Date Received: 02/13/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 02/18/20 08:47
 Analyst: MV
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.21	1
Benzene	ND		ug/kg	0.62	0.21	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	1.0	J	ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	0.78	J	ug/kg	1.9	0.17	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-07**Date Collected:** 02/13/20 13:30**Client ID:** RSB-1700-3_5-7**Date Received:** 02/13/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	0.78	J	ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.8	1
Vinyl acetate	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	ND		ug/kg	5.0	0.81	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-07**Date Collected:** 02/13/20 13:30**Client ID:** RSB-1700-3_5-7**Date Received:** 02/13/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.41	1
1,4-Dioxane	ND		ug/kg	99	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	89		70-130

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-08
 Client ID: RSB-1700-2_5-7
 Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/13/20 14:00
 Date Received: 02/13/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 02/18/20 09:12

Analyst: MV

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	0.81	J	ug/kg	2.4	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	0.59	J	ug/kg	1.8	0.16	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-08**Date Collected:** 02/13/20 14:00**Client ID:** RSB-1700-2_5-7**Date Received:** 02/13/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	0.59	J	ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.22	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-08**Date Collected:** 02/13/20 14:00**Client ID:** RSB-1700-2_5-7**Date Received:** 02/13/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.39	1
1,4-Dioxane	ND		ug/kg	94	41.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.22	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	96		70-130

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-09**Date Collected:** 02/12/20 00:00**Client ID:** TB-1700-20200213**Date Received:** 02/13/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Trip Blank (Aqueous)**Analytical Method:** 1,8260C**Analytical Date:** 02/18/20 20:08**Analyst:** AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-09**Date Collected:** 02/12/20 00:00**Client ID:** TB-1700-20200213**Date Received:** 02/13/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-09**Date Collected:** 02/12/20 00:00**Client ID:** TB-1700-20200213**Date Received:** 02/13/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	103		70-130

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-10
 Client ID: RSB-1700-1_6-8
 Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/14/20 09:45
 Date Received: 02/14/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 02/18/20 09:38
 Analyst: MV
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	0.71		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.18	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	0.73	J	ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-10**Date Collected:** 02/14/20 09:45**Client ID:** RSB-1700-1_6-8**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-10**Date Collected:** 02/14/20 09:45**Client ID:** RSB-1700-1_6-8**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	89	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	98		70-130

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-11

Date Collected: 02/14/20 15:00

Client ID: RMW-1700-1

Date Received: 02/14/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260C

Analytical Date: 02/18/20 21:58

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.77		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-11**Date Collected:** 02/14/20 15:00**Client ID:** RMW-1700-1**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-11**Date Collected:** 02/14/20 15:00**Client ID:** RMW-1700-1**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-12**Date Collected:** 02/14/20 12:05**Client ID:** DUP-1700-20200214_002**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water**Analytical Method:** 1,8260C**Analytical Date:** 02/18/20 22:20**Analyst:** PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.71		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-12**Date Collected:** 02/14/20 12:05**Client ID:** DUP-1700-20200214_002**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-12**Date Collected:** 02/14/20 12:05**Client ID:** DUP-1700-20200214_002**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	104		70-130

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-13

Date Collected: 02/14/20 16:00

Client ID: FB-1700-20200214_002

Date Received: 02/14/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Analytical Method: 1,8260C

Analytical Date: 02/17/20 08:40

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-13**Date Collected:** 02/14/20 16:00**Client ID:** FB-1700-20200214_002**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-13**Date Collected:** 02/14/20 16:00**Client ID:** FB-1700-20200214_002**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	103		70-130

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-14**Date Collected:** 02/14/20 00:00**Client ID:** TB-1700-20200214**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Trip Blank (Aqueous)**Analytical Method:** 1,8260C**Analytical Date:** 02/17/20 09:02**Analyst:** PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-14**Date Collected:** 02/14/20 00:00**Client ID:** TB-1700-20200214**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-14**Date Collected:** 02/14/20 00:00**Client ID:** TB-1700-20200214**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-15**Date Collected:** 02/17/20 09:00**Client ID:** B-4**Date Received:** 02/17/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water**Analytical Method:** 1,8260C**Analytical Date:** 02/19/20 16:57**Analyst:** KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	1.4		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-15**Date Collected:** 02/17/20 09:00**Client ID:** B-4**Date Received:** 02/17/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-15**Date Collected:** 02/17/20 09:00**Client ID:** B-4**Date Received:** 02/17/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	110		70-130

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-16

Date Collected: 02/14/20 00:00

Client ID: TB-1700-20200217

Date Received: 02/17/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Trip Blank (Aqueous)

Analytical Method: 1,8260C

Analytical Date: 02/19/20 16:35

Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-16**Date Collected:** 02/14/20 00:00**Client ID:** TB-1700-20200217**Date Received:** 02/17/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-16**Date Collected:** 02/14/20 00:00**Client ID:** TB-1700-20200217**Date Received:** 02/17/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	100		70-130

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 02/13/20 09:13
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,05 Batch: WG1340560-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 02/13/20 09:13
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,05 Batch: WG1340560-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 02/13/20 09:13
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,05 Batch: WG1340560-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	96		70-130

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 02/15/20 08:01
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1340802-12					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/15/20 08:01
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1340802-12					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/15/20 08:01
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1340802-12					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	93		70-130

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 02/14/20 07:38
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,06 Batch: WG1340802-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/14/20 07:38
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,06 Batch: WG1340802-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/14/20 07:38
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,06 Batch: WG1340802-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	95		70-130

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 02/17/20 08:18
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13-14 Batch: WG1341510-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/17/20 08:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13-14 Batch: WG1341510-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 02/17/20 08:18
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13-14 Batch: WG1341510-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 02/18/20 06:39
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07-08,10 Batch: WG1341752-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	1.7	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 02/18/20 06:39
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07-08,10 Batch: WG1341752-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/18/20 06:39
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07-08,10 Batch: WG1341752-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	98		70-130

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 02/18/20 19:02
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09,11-12 Batch: WG1342277-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 02/18/20 19:02
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09,11-12 Batch: WG1342277-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/18/20 19:02
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09,11-12 Batch: WG1342277-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	105		70-130

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 02/19/20 09:38
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 15-16 Batch: WG1342282-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 02/19/20 09:38
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 15-16 Batch: WG1342282-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/19/20 09:38
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 15-16 Batch: WG1342282-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,05 Batch: WG1340560-3 WG1340560-4								
Methylene chloride	99		95		70-130	4		20
1,1-Dichloroethane	98		96		70-130	2		20
Chloroform	96		94		70-130	2		20
Carbon tetrachloride	91		90		63-132	1		20
1,2-Dichloropropane	94		93		70-130	1		20
Dibromochloromethane	110		100		63-130	10		20
1,1,2-Trichloroethane	110		100		70-130	10		20
Tetrachloroethene	97		97		70-130	0		20
Chlorobenzene	99		98		75-130	1		20
Trichlorofluoromethane	94		97		62-150	3		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	91		92		67-130	1		20
Bromodichloromethane	99		96		67-130	3		20
trans-1,3-Dichloropropene	92		90		70-130	2		20
cis-1,3-Dichloropropene	94		92		70-130	2		20
1,1-Dichloropropene	88		89		70-130	1		20
Bromoform	120		110		54-136	9		20
1,1,2,2-Tetrachloroethane	110		100		67-130	10		20
Benzene	100		98		70-130	2		20
Toluene	95		95		70-130	0		20
Ethylbenzene	95		95		70-130	0		20
Chloromethane	78		78		64-130	0		20
Bromomethane	54		68		39-139	23	Q	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,05 Batch: WG1340560-3 WG1340560-4								
Vinyl chloride	120		120		55-140	0		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	94		92		61-145	2		20
trans-1,2-Dichloroethene	99		96		70-130	3		20
Trichloroethene	96		93		70-130	3		20
1,2-Dichlorobenzene	97		100		70-130	3		20
1,3-Dichlorobenzene	95		97		70-130	2		20
1,4-Dichlorobenzene	95		99		70-130	4		20
Methyl tert butyl ether	110		100		63-130	10		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	110		100		70-130	10		20
1,2,3-Trichloropropane	110		110		64-130	0		20
Acrylonitrile	130		120		70-130	8		20
Styrene	95		100		70-130	5		20
Dichlorodifluoromethane	83		82		36-147	1		20
Acetone	130		120		58-148	8		20
Carbon disulfide	98		100		51-130	2		20
2-Butanone	130		110		63-138	17		20
Vinyl acetate	100		98		70-130	2		20
4-Methyl-2-pentanone	120		120		59-130	0		20
2-Hexanone	100		100		57-130	0		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,05 Batch: WG1340560-3 WG1340560-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	91		91		63-133	0		20
1,2-Dibromoethane	110		100		70-130	10		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	96		94		64-130	2		20
Bromobenzene	93		93		70-130	0		20
n-Butylbenzene	87		91		53-136	4		20
sec-Butylbenzene	86		90		70-130	5		20
tert-Butylbenzene	90		90		70-130	0		20
o-Chlorotoluene	88		93		70-130	6		20
p-Chlorotoluene	89		93		70-130	4		20
1,2-Dibromo-3-chloropropane	100		100		41-144	0		20
Hexachlorobutadiene	83		91		63-130	9		20
Isopropylbenzene	89		91		70-130	2		20
p-Isopropyltoluene	90		91		70-130	1		20
Naphthalene	95		100		70-130	5		20
n-Propylbenzene	89		89		69-130	0		20
1,2,3-Trichlorobenzene	84		94		70-130	11		20
1,2,4-Trichlorobenzene	85		91		70-130	7		20
1,3,5-Trimethylbenzene	90		91		64-130	1		20
1,2,4-Trimethylbenzene	90		94		70-130	4		20
1,4-Dioxane	128		130		56-162	2		20
p-Diethylbenzene	85		90		70-130	6		20

Lab Control Sample Analysis Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,05 Batch: WG1340560-3 WG1340560-4								
p-Ethyltoluene	88		92		70-130	4		20
1,2,4,5-Tetramethylbenzene	80		87		70-130	8		20
Ethyl ether	110		110		59-134	0		20
trans-1,4-Dichloro-2-butene	83		85		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		100		70-130
Toluene-d8	95		96		70-130
4-Bromofluorobenzene	85		88		70-130
Dibromofluoromethane	100		97		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1340802-10 WG1340802-11								
Methylene chloride	87		87		70-130	0		30
1,1-Dichloroethane	97		98		70-130	1		30
Chloroform	92		93		70-130	1		30
Carbon tetrachloride	97		99		70-130	2		30
1,2-Dichloropropane	99		101		70-130	2		30
Dibromochloromethane	108		106		70-130	2		30
1,1,2-Trichloroethane	100		98		70-130	2		30
Tetrachloroethene	111		110		70-130	1		30
Chlorobenzene	100		99		70-130	1		30
Trichlorofluoromethane	45	Q	42	Q	70-139	7		30
1,2-Dichloroethane	92		93		70-130	1		30
1,1,1-Trichloroethane	98		98		70-130	0		30
Bromodichloromethane	98		98		70-130	0		30
trans-1,3-Dichloropropene	94		92		70-130	2		30
cis-1,3-Dichloropropene	90		90		70-130	0		30
1,1-Dichloropropene	102		102		70-130	0		30
Bromoform	102		101		70-130	1		30
1,1,2,2-Tetrachloroethane	97		96		70-130	1		30
Benzene	96		96		70-130	0		30
Toluene	102		102		70-130	0		30
Ethylbenzene	102		101		70-130	1		30
Chloromethane	127		122		52-130	4		30
Bromomethane	42	Q	38	Q	57-147	10		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1340802-10 WG1340802-11								
Vinyl chloride	59	Q	49	Q	67-130	19		30
Chloroethane	25	Q	23	Q	50-151	8		30
1,1-Dichloroethene	44	Q	75		65-135	52	Q	30
trans-1,2-Dichloroethene	98		98		70-130	0		30
Trichloroethene	100		100		70-130	0		30
1,2-Dichlorobenzene	99		98		70-130	1		30
1,3-Dichlorobenzene	101		101		70-130	0		30
1,4-Dichlorobenzene	97		97		70-130	0		30
Methyl tert butyl ether	92		93		66-130	1		30
p/m-Xylene	107		106		70-130	1		30
o-Xylene	106		104		70-130	2		30
cis-1,2-Dichloroethene	96		98		70-130	2		30
Dibromomethane	92		94		70-130	2		30
Styrene	92		90		70-130	2		30
Dichlorodifluoromethane	112		109		30-146	3		30
Acetone	94		84		54-140	11		30
Carbon disulfide	40	Q	93		59-130	80	Q	30
2-Butanone	101		99		70-130	2		30
Vinyl acetate	100		100		70-130	0		30
4-Methyl-2-pentanone	104		100		70-130	4		30
1,2,3-Trichloropropane	96		92		68-130	4		30
2-Hexanone	102		100		70-130	2		30
Bromochloromethane	99		99		70-130	0		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1340802-10 WG1340802-11								
2,2-Dichloropropane	99		101		70-130	2		30
1,2-Dibromoethane	102		101		70-130	1		30
1,3-Dichloropropane	100		99		69-130	1		30
1,1,1,2-Tetrachloroethane	104		104		70-130	0		30
Bromobenzene	98		98		70-130	0		30
n-Butylbenzene	102		103		70-130	1		30
sec-Butylbenzene	103		104		70-130	1		30
tert-Butylbenzene	104		106		70-130	2		30
o-Chlorotoluene	100		100		70-130	0		30
p-Chlorotoluene	100		100		70-130	0		30
1,2-Dibromo-3-chloropropane	88		88		68-130	0		30
Hexachlorobutadiene	106		106		67-130	0		30
Isopropylbenzene	105		105		70-130	0		30
p-Isopropyltoluene	105		107		70-130	2		30
Naphthalene	102		100		70-130	2		30
Acrylonitrile	104		99		70-130	5		30
n-Propylbenzene	101		102		70-130	1		30
1,2,3-Trichlorobenzene	98		99		70-130	1		30
1,2,4-Trichlorobenzene	105		102		70-130	3		30
1,3,5-Trimethylbenzene	102		103		70-130	1		30
1,2,4-Trimethylbenzene	104		104		70-130	0		30
1,4-Dioxane	98		98		65-136	0		30
p-Diethylbenzene	109		110		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1340802-10 WG1340802-11								
p-Ethyltoluene	105		105		70-130	0		30
1,2,4,5-Tetramethylbenzene	106		107		70-130	1		30
Ethyl ether	29	Q	26	Q	67-130	11		30
trans-1,4-Dichloro-2-butene	108		107		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		93		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	91		91		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,06 Batch: WG1340802-3 WG1340802-4								
Methylene chloride	91		91		70-130	0		30
1,1-Dichloroethane	103		102		70-130	1		30
Chloroform	99		97		70-130	2		30
Carbon tetrachloride	106		103		70-130	3		30
1,2-Dichloropropane	102		100		70-130	2		30
Dibromochloromethane	110		109		70-130	1		30
1,1,2-Trichloroethane	100		100		70-130	0		30
Tetrachloroethene	111		108		70-130	3		30
Chlorobenzene	101		100		70-130	1		30
Trichlorofluoromethane	52	Q	48	Q	70-139	8		30
1,2-Dichloroethane	100		100		70-130	0		30
1,1,1-Trichloroethane	106		104		70-130	2		30
Bromodichloromethane	103		102		70-130	1		30
trans-1,3-Dichloropropene	98		96		70-130	2		30
cis-1,3-Dichloropropene	93		91		70-130	2		30
1,1-Dichloropropene	110		105		70-130	5		30
Bromoform	104		104		70-130	0		30
1,1,2,2-Tetrachloroethane	99		98		70-130	1		30
Benzene	99		98		70-130	1		30
Toluene	104		103		70-130	1		30
Ethylbenzene	105		103		70-130	2		30
Chloromethane	103		101		52-130	2		30
Bromomethane	41	Q	39	Q	57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,06 Batch: WG1340802-3 WG1340802-4								
Vinyl chloride	86		76		67-130	12		30
Chloroethane	31	Q	28	Q	50-151	10		30
1,1-Dichloroethene	61	Q	76		65-135	22		30
trans-1,2-Dichloroethene	104		101		70-130	3		30
Trichloroethene	104		102		70-130	2		30
1,2-Dichlorobenzene	101		100		70-130	1		30
1,3-Dichlorobenzene	103		102		70-130	1		30
1,4-Dichlorobenzene	99		99		70-130	0		30
Methyl tert butyl ether	100		99		66-130	1		30
p/m-Xylene	107		105		70-130	2		30
o-Xylene	107		105		70-130	2		30
cis-1,2-Dichloroethene	100		99		70-130	1		30
Dibromomethane	97		96		70-130	1		30
Styrene	92		91		70-130	1		30
Dichlorodifluoromethane	118		113		30-146	4		30
Acetone	105		90		54-140	15		30
Carbon disulfide	57	Q	99		59-130	54	Q	30
2-Butanone	100		97		70-130	3		30
Vinyl acetate	108		106		70-130	2		30
4-Methyl-2-pentanone	103		101		70-130	2		30
1,2,3-Trichloropropane	97		96		68-130	1		30
2-Hexanone	107		103		70-130	4		30
Bromochloromethane	101		101		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,06 Batch: WG1340802-3 WG1340802-4								
2,2-Dichloropropane	108		106		70-130	2		30
1,2-Dibromoethane	105		105		70-130	0		30
1,3-Dichloropropane	102		101		69-130	1		30
1,1,1,2-Tetrachloroethane	107		106		70-130	1		30
Bromobenzene	101		101		70-130	0		30
n-Butylbenzene	108		105		70-130	3		30
sec-Butylbenzene	109		106		70-130	3		30
tert-Butylbenzene	110		109		70-130	1		30
o-Chlorotoluene	104		104		70-130	0		30
p-Chlorotoluene	106		104		70-130	2		30
1,2-Dibromo-3-chloropropane	91		90		68-130	1		30
Hexachlorobutadiene	112		107		67-130	5		30
Isopropylbenzene	111		109		70-130	2		30
p-Isopropyltoluene	110		109		70-130	1		30
Naphthalene	104		101		70-130	3		30
Acrylonitrile	104		100		70-130	4		30
n-Propylbenzene	107		105		70-130	2		30
1,2,3-Trichlorobenzene	101		99		70-130	2		30
1,2,4-Trichlorobenzene	107		103		70-130	4		30
1,3,5-Trimethylbenzene	107		106		70-130	1		30
1,2,4-Trimethylbenzene	108		108		70-130	0		30
1,4-Dioxane	96		91		65-136	5		30
p-Diethylbenzene	116		111		70-130	4		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,06 Batch: WG1340802-3 WG1340802-4								
p-Ethyltoluene	111		109		70-130	2		30
1,2,4,5-Tetramethylbenzene	111		109		70-130	2		30
Ethyl ether	40	Q	36	Q	67-130	11		30
trans-1,4-Dichloro-2-butene	115		105		70-130	9		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		98		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	93		93		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-14 Batch: WG1341510-3 WG1341510-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	98		98		70-130	0		20
Carbon tetrachloride	96		97		63-132	1		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	88		92		63-130	4		20
1,1,2-Trichloroethane	96		100		70-130	4		20
Tetrachloroethene	89		90		70-130	1		20
Chlorobenzene	94		96		75-130	2		20
Trichlorofluoromethane	84		84		62-150	0		20
1,2-Dichloroethane	91		96		70-130	5		20
1,1,1-Trichloroethane	96		98		67-130	2		20
Bromodichloromethane	91		94		67-130	3		20
trans-1,3-Dichloropropene	90		92		70-130	2		20
cis-1,3-Dichloropropene	88		90		70-130	2		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	86		88		54-136	2		20
1,1,2,2-Tetrachloroethane	98		100		67-130	2		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	95		96		70-130	1		20
Chloromethane	160	Q	150	Q	64-130	6		20
Bromomethane	84		81		39-139	4		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-14 Batch: WG1341510-3 WG1341510-4								
Vinyl chloride	150	Q	140		55-140	7		20
Chloroethane	78		73		55-138	7		20
1,1-Dichloroethene	120		120		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	95		92		70-130	3		20
1,3-Dichlorobenzene	96		93		70-130	3		20
1,4-Dichlorobenzene	95		91		70-130	4		20
Methyl tert butyl ether	86		90		63-130	5		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	88		92		70-130	4		20
1,2,3-Trichloropropane	98		100		64-130	2		20
Acrylonitrile	100		100		70-130	0		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	100		110		36-147	10		20
Acetone	98		110		58-148	12		20
Carbon disulfide	130		130		51-130	0		20
2-Butanone	95		110		63-138	15		20
Vinyl acetate	110		120		70-130	9		20
4-Methyl-2-pentanone	83		94		59-130	12		20
2-Hexanone	77		84		57-130	9		20

Lab Control Sample Analysis Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-14 Batch: WG1341510-3 WG1341510-4								
Bromochloromethane	98		100		70-130	2		20
2,2-Dichloropropane	98		98		63-133	0		20
1,2-Dibromoethane	92		94		70-130	2		20
1,3-Dichloropropane	98		100		70-130	2		20
1,1,1,2-Tetrachloroethane	91		94		64-130	3		20
Bromobenzene	94		93		70-130	1		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	84		81		70-130	4		20
o-Chlorotoluene	100		98		70-130	2		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	82		88		41-144	7		20
Hexachlorobutadiene	93		92		63-130	1		20
Isopropylbenzene	100		99		70-130	1		20
p-Isopropyltoluene	100		98		70-130	2		20
Naphthalene	72		76		70-130	5		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	78		76		70-130	3		20
1,2,4-Trichlorobenzene	80		79		70-130	1		20
1,3,5-Trimethylbenzene	100		97		64-130	3		20
1,2,4-Trimethylbenzene	100		97		70-130	3		20
1,4-Dioxane	84		92		56-162	9		20
p-Diethylbenzene	98		94		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-14 Batch: WG1341510-3 WG1341510-4								
p-Ethyltoluene	100		97		70-130	3		20
1,2,4,5-Tetramethylbenzene	77		76		70-130	1		20
Ethyl ether	97		110		59-134	13		20
trans-1,4-Dichloro-2-butene	100		110		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		98		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	107		105		70-130
Dibromofluoromethane	99		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07-08,10 Batch: WG1341752-3 WG1341752-4								
Methylene chloride	92		91		70-130	1		30
1,1-Dichloroethane	105		102		70-130	3		30
Chloroform	101		99		70-130	2		30
Carbon tetrachloride	100		98		70-130	2		30
1,2-Dichloropropane	108		103		70-130	5		30
Dibromochloromethane	98		95		70-130	3		30
1,1,2-Trichloroethane	103		100		70-130	3		30
Tetrachloroethene	96		92		70-130	4		30
Chlorobenzene	96		92		70-130	4		30
Trichlorofluoromethane	123		111		70-139	10		30
1,2-Dichloroethane	104		103		70-130	1		30
1,1,1-Trichloroethane	105		102		70-130	3		30
Bromodichloromethane	106		100		70-130	6		30
trans-1,3-Dichloropropene	112		105		70-130	6		30
cis-1,3-Dichloropropene	111		105		70-130	6		30
1,1-Dichloropropene	108		105		70-130	3		30
Bromoform	84		78		70-130	7		30
1,1,2,2-Tetrachloroethane	96		88		70-130	9		30
Benzene	105		100		70-130	5		30
Toluene	102		97		70-130	5		30
Ethylbenzene	105		99		70-130	6		30
Chloromethane	146	Q	138	Q	52-130	6		30
Bromomethane	152	Q	141		57-147	8		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07-08,10 Batch: WG1341752-3 WG1341752-4								
Vinyl chloride	116		101		67-130	14		30
Chloroethane	114		100		50-151	13		30
1,1-Dichloroethene	107		99		65-135	8		30
trans-1,2-Dichloroethene	101		98		70-130	3		30
Trichloroethene	106		100		70-130	6		30
1,2-Dichlorobenzene	97		89		70-130	9		30
1,3-Dichlorobenzene	99		90		70-130	10		30
1,4-Dichlorobenzene	95		86		70-130	10		30
Methyl tert butyl ether	102		100		66-130	2		30
p/m-Xylene	107		101		70-130	6		30
o-Xylene	108		102		70-130	6		30
cis-1,2-Dichloroethene	102		100		70-130	2		30
Dibromomethane	103		100		70-130	3		30
Styrene	116		108		70-130	7		30
Dichlorodifluoromethane	202	Q	193	Q	30-146	5		30
Acetone	114		108		54-140	5		30
Carbon disulfide	109		100		59-130	9		30
2-Butanone	84		77		70-130	9		30
Vinyl acetate	119		118		70-130	1		30
4-Methyl-2-pentanone	100		99		70-130	1		30
1,2,3-Trichloropropane	99		92		68-130	7		30
2-Hexanone	105		96		70-130	9		30
Bromochloromethane	94		92		70-130	2		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07-08,10 Batch: WG1341752-3 WG1341752-4								
2,2-Dichloropropane	106		101		70-130	5		30
1,2-Dibromoethane	101		98		70-130	3		30
1,3-Dichloropropane	104		101		69-130	3		30
1,1,1,2-Tetrachloroethane	98		95		70-130	3		30
Bromobenzene	89		81		70-130	9		30
n-Butylbenzene	113		102		70-130	10		30
sec-Butylbenzene	103		94		70-130	9		30
tert-Butylbenzene	98		89		70-130	10		30
o-Chlorotoluene	101		92		70-130	9		30
p-Chlorotoluene	102		91		70-130	11		30
1,2-Dibromo-3-chloropropane	94		86		68-130	9		30
Hexachlorobutadiene	90		81		67-130	11		30
Isopropylbenzene	99		90		70-130	10		30
p-Isopropyltoluene	107		96		70-130	11		30
Naphthalene	94		88		70-130	7		30
Acrylonitrile	95		99		70-130	4		30
n-Propylbenzene	103		93		70-130	10		30
1,2,3-Trichlorobenzene	90		84		70-130	7		30
1,2,4-Trichlorobenzene	94		87		70-130	8		30
1,3,5-Trimethylbenzene	104		94		70-130	10		30
1,2,4-Trimethylbenzene	103		94		70-130	9		30
1,4-Dioxane	102		102		65-136	0		30
p-Diethylbenzene	111		99		70-130	11		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07-08,10 Batch: WG1341752-3 WG1341752-4								
p-Ethyltoluene	105		95		70-130	10		30
1,2,4,5-Tetramethylbenzene	106		97		70-130	9		30
Ethyl ether	105		102		67-130	3		30
trans-1,4-Dichloro-2-butene	109		100		70-130	9		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		103		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	98		96		70-130
Dibromofluoromethane	97		103		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09,11-12 Batch: WG1342277-3 WG1342277-4								
Methylene chloride	120		110		70-130	9		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	110		95		70-130	15		20
Carbon tetrachloride	110		94		63-132	16		20
1,2-Dichloropropane	110		100		70-130	10		20
Dibromochloromethane	93		92		63-130	1		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	90		78		70-130	14		20
Chlorobenzene	95		93		75-130	2		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	96		94		70-130	2		20
1,1,1-Trichloroethane	110		93		67-130	17		20
Bromodichloromethane	96		94		67-130	2		20
trans-1,3-Dichloropropene	96		84		70-130	13		20
cis-1,3-Dichloropropene	93		92		70-130	1		20
1,1-Dichloropropene	120		100		70-130	18		20
Bromoform	90		90		54-136	0		20
1,1,2,2-Tetrachloroethane	100		110		67-130	10		20
Benzene	120		100		70-130	18		20
Toluene	100		87		70-130	14		20
Ethylbenzene	96		94		70-130	2		20
Chloromethane	230	Q	220	Q	64-130	4		20
Bromomethane	72		78		39-139	8		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09,11-12 Batch: WG1342277-3 WG1342277-4								
Vinyl chloride	190	Q	190	Q	55-140	0		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	120		120		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	110		95		70-130	15		20
1,3-Dichlorobenzene	96		94		70-130	2		20
1,4-Dichlorobenzene	94		93		70-130	1		20
Methyl tert butyl ether	96		97		63-130	1		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	92		94		70-130	2		20
1,2,3-Trichloropropane	100		110		64-130	10		20
Acrylonitrile	110		110		70-130	0		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	240	Q	240	Q	36-147	0		20
Acetone	86		83		58-148	4		20
Carbon disulfide	130		130		51-130	0		20
2-Butanone	110		98		63-138	12		20
Vinyl acetate	120		120		70-130	0		20
4-Methyl-2-pentanone	90		85		59-130	6		20
2-Hexanone	81		90		57-130	11		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09,11-12 Batch: WG1342277-3 WG1342277-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	97		95		63-133	2		20
1,2-Dibromoethane	98		97		70-130	1		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	95		91		64-130	4		20
Bromobenzene	94		94		70-130	0		20
n-Butylbenzene	120		100		53-136	18		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	84		83		70-130	1		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	99		93		41-144	6		20
Hexachlorobutadiene	100		92		63-130	8		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	88		82		70-130	7		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	90		80		70-130	12		20
1,2,4-Trichlorobenzene	92		79		70-130	15		20
1,3,5-Trimethylbenzene	100		99		64-130	1		20
1,2,4-Trimethylbenzene	100		99		70-130	1		20
1,4-Dioxane	88		92		56-162	4		20
p-Diethylbenzene	110		97		70-130	13		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09,11-12 Batch: WG1342277-3 WG1342277-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	92		80		70-130	14		20
Ethyl ether	120		120		59-134	0		20
trans-1,4-Dichloro-2-butene	110		120		70-130	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		94		70-130
Toluene-d8	100		89		70-130
4-Bromofluorobenzene	106		108		70-130
Dibromofluoromethane	111		95		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15-16 Batch: WG1342282-3 WG1342282-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		98		70-130	2		20
Carbon tetrachloride	92		93		63-132	1		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	90		91		63-130	1		20
1,1,2-Trichloroethane	99		100		70-130	1		20
Tetrachloroethene	90		88		70-130	2		20
Chlorobenzene	95		95		75-130	0		20
Trichlorofluoromethane	84		79		62-150	6		20
1,2-Dichloroethane	93		93		70-130	0		20
1,1,1-Trichloroethane	96		94		67-130	2		20
Bromodichloromethane	94		92		67-130	2		20
trans-1,3-Dichloropropene	90		92		70-130	2		20
cis-1,3-Dichloropropene	89		89		70-130	0		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	90		87		54-136	3		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	110		110		70-130	0		20
Toluene	100		99		70-130	1		20
Ethylbenzene	96		94		70-130	2		20
Chloromethane	160	Q	160	Q	64-130	0		20
Bromomethane	90		86		39-139	5		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15-16 Batch: WG1342282-3 WG1342282-4								
Vinyl chloride	130		130		55-140	0		20
Chloroethane	87		91		55-138	4		20
1,1-Dichloroethene	120		110		61-145	9		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	96		93		70-130	3		20
1,3-Dichlorobenzene	99		92		70-130	7		20
1,4-Dichlorobenzene	97		90		70-130	7		20
Methyl tert butyl ether	87		90		63-130	3		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	88		92		70-130	4		20
1,2,3-Trichloropropane	100		100		64-130	0		20
Acrylonitrile	100		110		70-130	10		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	110		100		36-147	10		20
Acetone	110		110		58-148	0		20
Carbon disulfide	130		120		51-130	8		20
2-Butanone	100		110		63-138	10		20
Vinyl acetate	120		120		70-130	0		20
4-Methyl-2-pentanone	89		90		59-130	1		20
2-Hexanone	78		83		57-130	6		20

Lab Control Sample Analysis Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15-16 Batch: WG1342282-3 WG1342282-4								
Bromochloromethane	99		98		70-130	1		20
2,2-Dichloropropane	93		91		63-133	2		20
1,2-Dibromoethane	92		94		70-130	2		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	93		91		64-130	2		20
Bromobenzene	97		92		70-130	5		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	110		100		70-130	10		20
tert-Butylbenzene	86		80		70-130	7		20
o-Chlorotoluene	100		98		70-130	2		20
p-Chlorotoluene	110		98		70-130	12		20
1,2-Dibromo-3-chloropropane	85		83		41-144	2		20
Hexachlorobutadiene	95		87		63-130	9		20
Isopropylbenzene	100		97		70-130	3		20
p-Isopropyltoluene	100		95		70-130	5		20
Naphthalene	74		74		70-130	0		20
n-Propylbenzene	110		98		69-130	12		20
1,2,3-Trichlorobenzene	78		75		70-130	4		20
1,2,4-Trichlorobenzene	81		76		70-130	6		20
1,3,5-Trimethylbenzene	100		94		64-130	6		20
1,2,4-Trimethylbenzene	100		96		70-130	4		20
1,4-Dioxane	80		82		56-162	2		20
p-Diethylbenzene	98		92		70-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15-16 Batch: WG1342282-3 WG1342282-4								
p-Ethyltoluene	100		96		70-130	4		20
1,2,4,5-Tetramethylbenzene	77		72		70-130	7		20
Ethyl ether	120		120		59-134	0		20
trans-1,4-Dichloro-2-butene	110		100		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		99		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	106		103		70-130
Dibromofluoromethane	96		98		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,06 QC Batch ID: WG1340802-6 WG1340802-7 QC Sample: L2006439-04 Client ID: RSB-1700-3_0-2												
Methylene chloride	ND	175	160	91		120	92		70-130	29		30
1,1-Dichloroethane	ND	175	180	102		140	106		70-130	27		30
Chloroform	ND	175	170	94		130	97		70-130	28		30
Carbon tetrachloride	ND	175	170	99		130	100		70-130	29		30
1,2-Dichloropropane	ND	175	180	100		130	103		70-130	28		30
Dibromochloromethane	ND	175	170	99		130	102		70-130	27		30
1,1,2-Trichloroethane	ND	175	170	96		130	97		70-130	29		30
Tetrachloroethene	ND	175	170	95		130	99		70-130	27		30
Chlorobenzene	ND	175	140	80		110	88		70-130	21		30
Trichlorofluoromethane	ND	175	75	43	Q	56	44	Q	70-139	29		30
1,2-Dichloroethane	ND	175	170	95		120	95		70-130	31	Q	30
1,1,1-Trichloroethane	ND	175	180	100		130	102		70-130	29		30
Bromodichloromethane	ND	175	170	95		130	98		70-130	28		30
trans-1,3-Dichloropropene	ND	175	150	85		110	85		70-130	31	Q	30
cis-1,3-Dichloropropene	ND	175	150	84		110	86		70-130	29		30
1,1-Dichloropropene	ND	175	180	100		130	102		70-130	29		30
Bromoform	ND	175	170	98		130	103		70-130	26		30
1,1,2,2-Tetrachloroethane	ND	175	41	24	Q	21	16	Q	70-130	66	Q	30
Benzene	ND	175	170	96		130	99		70-130	28		30
Toluene	ND	175	160	93		130	100		70-130	23		30
Ethylbenzene	ND	175	140	80		120	89		70-130	20		30
Chloromethane	ND	175	210	117		160	127		52-130	22		30
Bromomethane	ND	175	44	25	Q	40	31	Q	57-147	10		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,06 QC Batch ID: WG1340802-6 WG1340802-7 QC Sample: L2006439-04 Client ID: RSB-1700-3_0-2												
Vinyl chloride	ND	175	89	51	Q	79	61	Q	67-130	12		30
Chloroethane	ND	175	37	21	Q	29	22	Q	50-151	25		30
1,1-Dichloroethene	ND	175	180	100		130	102		65-135	28		30
trans-1,2-Dichloroethene	0.25J	175	170	98		130	99		70-130	29		30
Trichloroethene	ND	175	270	154	Q	210	163	Q	70-130	25		30
1,2-Dichlorobenzene	ND	175	110	64	Q	92	71		70-130	20		30
1,3-Dichlorobenzene	ND	175	120	67	Q	96	74		70-130	20		30
1,4-Dichlorobenzene	ND	175	110	61	Q	89	69	Q	70-130	18		30
Methyl tert butyl ether	ND	175	170	98		130	99		66-130	29		30
p/m-Xylene	ND	350	280	80		230	90		70-130	19		30
o-Xylene	ND	350	280	81		230	90		70-130	20		30
cis-1,2-Dichloroethene	ND	175	170	96		130	98		70-130	29		30
Dibromomethane	ND	175	160	91		120	90		70-130	32	Q	30
Styrene	ND	350	240	68	Q	190	75		70-130	20		30
Dichlorodifluoromethane	ND	175	210	119		160	124		30-146	27		30
Acetone	ND	175	210	117		150	116		54-140	32	Q	30
Carbon disulfide	ND	175	170	96		120	96		59-130	30		30
2-Butanone	ND	175	190	111		140	110		70-130	32	Q	30
Vinyl acetate	ND	175	22	12	Q	17	13	Q	70-130	24		30
4-Methyl-2-pentanone	ND	175	190	110		140	112		70-130	29		30
1,2,3-Trichloropropane	ND	175	160	91		120	96		68-130	26		30
2-Hexanone	ND	175	200	114		140	111		70-130	33	Q	30
Bromochloromethane	ND	175	180	101		130	99		70-130	32	Q	30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,06 QC Batch ID: WG1340802-6 WG1340802-7 QC Sample: L2006439-04 Client ID: RSB-1700-3_0-2												
2,2-Dichloropropane	ND	175	180	102		130	104		70-130	29		30
1,2-Dibromoethane	ND	175	170	94		120	96		70-130	28		30
1,3-Dichloropropane	ND	175	170	96		130	98		69-130	29		30
1,1,1,2-Tetrachloroethane	ND	175	160	92		130	97		70-130	25		30
Bromobenzene	ND	175	140	79		110	89		70-130	20		30
n-Butylbenzene	ND	175	110	62	Q	87	68	Q	70-130	21		30
sec-Butylbenzene	ND	175	130	75		100	81		70-130	23		30
tert-Butylbenzene	ND	175	140	81		120	89		70-130	21		30
o-Chlorotoluene	ND	175	140	77		120	89		70-130	16		30
p-Chlorotoluene	ND	175	130	72		110	84		70-130	15		30
1,2-Dibromo-3-chloropropane	ND	175	120	70		95	74		68-130	25		30
Hexachlorobutadiene	ND	175	96	55	Q	57	44	Q	67-130	51	Q	30
Isopropylbenzene	ND	175	150	88		130	99		70-130	18		30
p-Isopropyltoluene	ND	175	120	70		100	79		70-130	18		30
Naphthalene	ND	175	86	49	Q	65	50	Q	70-130	28		30
Acrylonitrile	ND	175	190	107		140	105		70-130	33	Q	30
n-Propylbenzene	ND	175	130	76		110	88		70-130	17		30
1,2,3-Trichlorobenzene	ND	175	77	44	Q	50	38	Q	70-130	44	Q	30
1,2,4-Trichlorobenzene	ND	175	85	48	Q	57	44	Q	70-130	40	Q	30
1,3,5-Trimethylbenzene	ND	175	130	75		110	86		70-130	17		30
1,2,4-Trimethylbenzene	ND	175	130	73		110	85		70-130	16		30
1,4-Dioxane	ND	8760	8900	102		6700	104		65-136	28		30
p-Diethylbenzene	ND	175	120	66	Q	96	74		70-130	18		30

Matrix Spike Analysis**Batch Quality Control****Project Name:** 1700 PARK AVENUE**Project Number:** 3482.0001Y**Lab Number:** L2006439**Report Date:** 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,06 QC Batch ID: WG1340802-6 WG1340802-7 QC Sample: L2006439-04 Client ID: RSB-1700-3_0-2												
p-Ethyltoluene	ND	175	130	75		120	89		70-130	14		30
1,2,4,5-Tetramethylbenzene	ND	175	110	60	Q	83	64	Q	70-130	24		30
Ethyl ether	ND	175	42	24	Q	35	27	Q	67-130	19		30
trans-1,4-Dichloro-2-butene	ND	175	180	100		130	101		70-130	30		30

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		94		70-130
4-Bromofluorobenzene	102		106		70-130
Dibromofluoromethane	89		87		70-130
Toluene-d8	99		101		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15-16 QC Batch ID: WG1342282-6 WG1342282-7 QC Sample: L2006439-15 Client ID: B-4												
Methylene chloride	ND	10	14	140	Q	12	120		70-130	15		20
1,1-Dichloroethane	ND	10	15	150	Q	12	120		70-130	22	Q	20
Chloroform	ND	10	13	130		11	110		70-130	17		20
Carbon tetrachloride	ND	10	13	130		10	100		63-132	26	Q	20
1,2-Dichloropropane	ND	10	14	140	Q	10	100		70-130	33	Q	20
Dibromochloromethane	ND	10	9.5	95		9.7	97		63-130	2		20
1,1,2-Trichloroethane	ND	10	11	110		11	110		70-130	0		20
Tetrachloroethene	1.4	10	11	96		11	96		70-130	0		20
Chlorobenzene	ND	10	10	100		10	100		75-130	0		20
Trichlorofluoromethane	ND	10	10	100		9.0	90		62-150	11		20
1,2-Dichloroethane	ND	10	13	130		9.9	99		70-130	27	Q	20
1,1,1-Trichloroethane	ND	10	13	130		10	100		67-130	26	Q	20
Bromodichloromethane	ND	10	13	130		9.7	97		67-130	29	Q	20
trans-1,3-Dichloropropene	ND	10	9.4	94		9.5	95		70-130	1		20
cis-1,3-Dichloropropene	ND	10	11	110		9.0	90		70-130	20		20
1,1-Dichloropropene	ND	10	14	140	Q	11	110		70-130	24	Q	20
Bromoform	ND	10	9.8	98		9.5	95		54-136	3		20
1,1,2,2-Tetrachloroethane	ND	10	12	120		11	110		67-130	9		20
Benzene	ND	10	14	140	Q	12	120		70-130	15		20
Toluene	ND	10	11	110		10	100		70-130	10		20
Ethylbenzene	ND	10	10	100		10	100		70-130	0		20
Chloromethane	ND	10	13	130		15	150	Q	64-130	14		20
Bromomethane	ND	10	8.0	80		7.1	71		39-139	12		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15-16 QC Batch ID: WG1342282-6 WG1342282-7 QC Sample: L2006439-15 Client ID: B-4												
Vinyl chloride	ND	10	14	140		14	140		55-140	0		20
Chloroethane	ND	10	12	120		9.6	96		55-138	22	Q	20
1,1-Dichloroethene	ND	10	15	150	Q	13	130		61-145	14		20
trans-1,2-Dichloroethene	ND	10	14	140	Q	12	120		70-130	15		20
Trichloroethene	ND	10	14	140	Q	11	110		70-130	24	Q	20
1,2-Dichlorobenzene	ND	10	10	100		10	100		70-130	0		20
1,3-Dichlorobenzene	ND	10	10	100		10	100		70-130	0		20
1,4-Dichlorobenzene	ND	10	9.9	99		9.8	98		70-130	1		20
Methyl tert butyl ether	ND	10	11	110		9.4	94		63-130	16		20
p/m-Xylene	ND	20	19	95		19	95		70-130	0		20
o-Xylene	ND	20	19	95		19	95		70-130	0		20
cis-1,2-Dichloroethene	ND	10	13	130		11	110		70-130	17		20
Dibromomethane	ND	10	12	120		10	100		70-130	18		20
1,2,3-Trichloropropane	ND	10	11	110		11	110		64-130	0		20
Acrylonitrile	ND	10	14	140	Q	12	120		70-130	15		20
Styrene	ND	20	19	95		19	95		70-130	0		20
Dichlorodifluoromethane	ND	10	10	100		8.7	87		36-147	14		20
Acetone	ND	10	14	140		12	120		58-148	15		20
Carbon disulfide	ND	10	17	170	Q	14	140	Q	51-130	19		20
2-Butanone	ND	10	13	130		11	110		63-138	17		20
Vinyl acetate	ND	10	16	160	Q	12	120		70-130	29	Q	20
4-Methyl-2-pentanone	ND	10	10	100		10	100		59-130	0		20
2-Hexanone	ND	10	9.5	95		9.6	96		57-130	1		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15-16 QC Batch ID: WG1342282-6 WG1342282-7 QC Sample: L2006439-15 Client ID: B-4												
Bromochloromethane	ND	10	13	130		11	110		70-130	17		20
2,2-Dichloropropane	ND	10	10	100		8.5	85		63-133	16		20
1,2-Dibromoethane	ND	10	10	100		10	100		70-130	0		20
1,3-Dichloropropane	ND	10	11	110		11	110		70-130	0		20
1,1,1,2-Tetrachloroethane	ND	10	9.6	96		9.8	98		64-130	2		20
Bromobenzene	ND	10	9.8	98		9.8	98		70-130	0		20
n-Butylbenzene	ND	10	11	110		11	110		53-136	0		20
sec-Butylbenzene	ND	10	11	110		11	110		70-130	0		20
tert-Butylbenzene	ND	10	8.8	88		8.9	89		70-130	1		20
o-Chlorotoluene	ND	10	11	110		11	110		70-130	0		20
p-Chlorotoluene	ND	10	11	110		11	110		70-130	0		20
1,2-Dibromo-3-chloropropane	ND	10	9.7	97		9.4	94		41-144	3		20
Hexachlorobutadiene	ND	10	9.5	95		9.4	94		63-130	1		20
Isopropylbenzene	ND	10	11	110		11	110		70-130	0		20
p-Isopropyltoluene	ND	10	10	100		10	100		70-130	0		20
Naphthalene	ND	10	8.2	82		8.2	82		70-130	0		20
n-Propylbenzene	ND	10	11	110		11	110		69-130	0		20
1,2,3-Trichlorobenzene	ND	10	8.6	86		8.4	84		70-130	2		20
1,2,4-Trichlorobenzene	ND	10	8.5	85		8.4	84		70-130	1		20
1,3,5-Trimethylbenzene	ND	10	10	100		10	100		64-130	0		20
1,2,4-Trimethylbenzene	ND	10	10	100		11	110		70-130	10		20
1,4-Dioxane	ND	500	490	98		280	56		56-162	55	Q	20
p-Diethylbenzene	ND	10	9.9	99		10	100		70-130	1		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15-16 QC Batch ID: WG1342282-6 WG1342282-7 QC Sample: L2006439-15 Client ID: B-4												
p-Ethyltoluene	ND	10	10	100		11	110		70-130	10		20
1,2,4,5-Tetramethylbenzene	ND	10	8.3	83		8.1	81		70-130	2		20
Ethyl ether	ND	10	14	140	Q	12	120		59-134	15		20
trans-1,4-Dichloro-2-butene	ND	10	11	110		11	110		70-130	0		20

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		98		70-130
4-Bromofluorobenzene	105		106		70-130
Dibromofluoromethane	121		100		70-130
Toluene-d8	97		99		70-130

SEMIVOLATILES

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-01
 Client ID: RSB-1700-2_0-2
 Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/12/20 11:30
 Date Received: 02/12/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 02/17/20 14:58
 Analyst: WR
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 02/14/20 00:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	40	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	1100		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	26	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	77	J	ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-01

Date Collected: 02/12/20 11:30

Client ID: RSB-1700-2_0-2

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	580		ug/kg	110	21.	1
Benzo(a)pyrene	520		ug/kg	150	46.	1
Benzo(b)fluoranthene	690		ug/kg	110	31.	1
Benzo(k)fluoranthene	280		ug/kg	110	30.	1
Chrysene	530		ug/kg	110	19.	1
Acenaphthylene	97	J	ug/kg	150	29.	1
Anthracene	170		ug/kg	110	36.	1
Benzo(ghi)perylene	340		ug/kg	150	22.	1
Fluorene	41	J	ug/kg	190	18.	1
Phenanthrene	590		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	72	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	360		ug/kg	150	26.	1
Pyrene	960		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	23	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-01**Date Collected:** 02/12/20 11:30**Client ID:** RSB-1700-2_0-2**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	69	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	26		25-120
Phenol-d6	27		10-120
Nitrobenzene-d5	26		23-120
2-Fluorobiphenyl	24	Q	30-120
2,4,6-Tribromophenol	27		10-136
4-Terphenyl-d14	22		18-120

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-02

Date Collected: 02/12/20 12:00

Client ID: DUP-1700-20200212

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270D

Extraction Date: 02/14/20 00:39

Analytical Date: 02/15/20 21:16

Analyst: WR

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	34	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	840		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	26	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	110	J	ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-02**Date Collected:** 02/12/20 12:00**Client ID:** DUP-1700-20200212**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	460		ug/kg	110	21.	1
Benzo(a)pyrene	580		ug/kg	150	46.	1
Benzo(b)fluoranthene	710		ug/kg	110	31.	1
Benzo(k)fluoranthene	240		ug/kg	110	30.	1
Chrysene	460		ug/kg	110	19.	1
Acenaphthylene	120	J	ug/kg	150	29.	1
Anthracene	140		ug/kg	110	36.	1
Benzo(ghi)perylene	400		ug/kg	150	22.	1
Fluorene	39	J	ug/kg	190	18.	1
Phenanthrene	400		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	100	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	420		ug/kg	150	26.	1
Pyrene	740		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	430	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	21	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-02

Date Collected: 02/12/20 12:00

Client ID: DUP-1700-20200212

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	63	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	26		25-120
Phenol-d6	25		10-120
Nitrobenzene-d5	24		23-120
2-Fluorobiphenyl	23	Q	30-120
2,4,6-Tribromophenol	30		10-136
4-Terphenyl-d14	21		18-120

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-03

Date Collected: 02/12/20 15:00

Client ID: FB-1700-20200212

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Extraction Method: EPA 3510C

Analytical Method: 1,8270D

Extraction Date: 02/13/20 08:00

Analytical Date: 02/20/20 04:03

Analyst: SZ

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.44	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Hexachlorobenzene	ND		ug/l	2.0	0.46	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
2-Chloronaphthalene	ND		ug/l	2.0	0.44	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
Fluoranthene	ND		ug/l	2.0	0.26	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorobutadiene	ND		ug/l	2.0	0.66	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Hexachloroethane	ND		ug/l	2.0	0.58	1
Isophorone	ND		ug/l	5.0	1.2	1
Naphthalene	ND		ug/l	2.0	0.46	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-03**Date Collected:** 02/12/20 15:00**Client ID:** FB-1700-20200212**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.41	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37	1
Chrysene	ND		ug/l	2.0	0.34	1
Acenaphthylene	ND		ug/l	2.0	0.46	1
Anthracene	ND		ug/l	2.0	0.33	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.30	1
Fluorene	ND		ug/l	2.0	0.41	1
Phenanthrene	ND		ug/l	2.0	0.33	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40	1
Pyrene	ND		ug/l	2.0	0.28	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
2-Methylnaphthalene	ND		ug/l	2.0	0.45	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Pentachlorophenol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-03**Date Collected:** 02/12/20 15:00**Client ID:** FB-1700-20200212**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	0.79	J	ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	64		41-149

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-04
 Client ID: RSB-1700-3_0-2
 Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/12/20 15:30
 Date Received: 02/12/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 02/15/20 20:51
 Analyst: WR
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 02/14/20 00:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	140	J	ug/kg	300	39.	2
1,2,4-Trichlorobenzene	ND		ug/kg	370	43.	2
Hexachlorobenzene	ND		ug/kg	220	42.	2
Bis(2-chloroethyl)ether	ND		ug/kg	340	51.	2
2-Chloronaphthalene	ND		ug/kg	370	37.	2
1,2-Dichlorobenzene	ND		ug/kg	370	67.	2
1,3-Dichlorobenzene	ND		ug/kg	370	64.	2
1,4-Dichlorobenzene	ND		ug/kg	370	65.	2
3,3'-Dichlorobenzidine	ND		ug/kg	370	99.	2
2,4-Dinitrotoluene	ND		ug/kg	370	75.	2
2,6-Dinitrotoluene	ND		ug/kg	370	64.	2
Fluoranthene	5100		ug/kg	220	43.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	370	40.	2
4-Bromophenyl phenyl ether	ND		ug/kg	370	57.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	450	64.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	400	37.	2
Hexachlorobutadiene	ND		ug/kg	370	55.	2
Hexachlorocyclopentadiene	ND		ug/kg	1100	340	2
Hexachloroethane	ND		ug/kg	300	60.	2
Isophorone	ND		ug/kg	340	48.	2
Naphthalene	53	J	ug/kg	370	46.	2
Nitrobenzene	ND		ug/kg	340	55.	2
NDPA/DPA	ND		ug/kg	300	42.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	370	58.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	370	130	2
Butyl benzyl phthalate	ND		ug/kg	370	94.	2
Di-n-butylphthalate	ND		ug/kg	370	71.	2
Di-n-octylphthalate	ND		ug/kg	370	130	2

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-04

Date Collected: 02/12/20 15:30

Client ID: RSB-1700-3_0-2

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	370	34.	2
Dimethyl phthalate	ND		ug/kg	370	78.	2
Benzo(a)anthracene	2400		ug/kg	220	42.	2
Benzo(a)pyrene	2200		ug/kg	300	91.	2
Benzo(b)fluoranthene	2900		ug/kg	220	63.	2
Benzo(k)fluoranthene	1000		ug/kg	220	60.	2
Chrysene	2200		ug/kg	220	39.	2
Acenaphthylene	170	J	ug/kg	300	58.	2
Anthracene	870		ug/kg	220	73.	2
Benzo(ghi)perylene	1300		ug/kg	300	44.	2
Fluorene	190	J	ug/kg	370	36.	2
Phenanthrene	2900		ug/kg	220	45.	2
Dibenzo(a,h)anthracene	350		ug/kg	220	43.	2
Indeno(1,2,3-cd)pyrene	1400		ug/kg	300	52.	2
Pyrene	4100		ug/kg	220	37.	2
Biphenyl	ND		ug/kg	850	87.	2
4-Chloroaniline	ND		ug/kg	370	68.	2
2-Nitroaniline	ND		ug/kg	370	72.	2
3-Nitroaniline	ND		ug/kg	370	70.	2
4-Nitroaniline	ND		ug/kg	370	150	2
Dibenzofuran	110	J	ug/kg	370	35.	2
2-Methylnaphthalene	ND		ug/kg	450	45.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	370	39.	2
Acetophenone	ND		ug/kg	370	46.	2
2,4,6-Trichlorophenol	ND		ug/kg	220	71.	2
p-Chloro-m-cresol	ND		ug/kg	370	56.	2
2-Chlorophenol	ND		ug/kg	370	44.	2
2,4-Dichlorophenol	ND		ug/kg	340	60.	2
2,4-Dimethylphenol	ND		ug/kg	370	120	2
2-Nitrophenol	ND		ug/kg	810	140	2
4-Nitrophenol	ND		ug/kg	520	150	2
2,4-Dinitrophenol	ND		ug/kg	1800	170	2
4,6-Dinitro-o-cresol	ND		ug/kg	970	180	2
Pentachlorophenol	ND		ug/kg	300	82.	2
Phenol	ND		ug/kg	370	56.	2
2-Methylphenol	ND		ug/kg	370	58.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	540	58.	2

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-04**Date Collected:** 02/12/20 15:30**Client ID:** RSB-1700-3_0-2**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	370	72.	2
Benzoic Acid	ND		ug/kg	1200	380	2
Benzyl Alcohol	ND		ug/kg	370	110	2
Carbazole	66	J	ug/kg	370	36.	2
1,4-Dioxane	ND		ug/kg	56	17.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	72		18-120

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-06
 Client ID: RSB-1700-1_0-2
 Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/12/20 16:30
 Date Received: 02/12/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 02/20/20 10:42
 Analyst: EK
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 02/14/20 00:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	51	J	ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	2000		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	120	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-06

Date Collected: 02/12/20 16:30

Client ID: RSB-1700-1_0-2

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	1100		ug/kg	110	21.	1
Benzo(a)pyrene	1100		ug/kg	150	46.	1
Benzo(b)fluoranthene	1500		ug/kg	110	32.	1
Benzo(k)fluoranthene	470		ug/kg	110	30.	1
Chrysene	1200		ug/kg	110	20.	1
Acenaphthylene	440		ug/kg	150	29.	1
Anthracene	290		ug/kg	110	37.	1
Benzo(ghi)perylene	670		ug/kg	150	22.	1
Fluorene	150	J	ug/kg	190	18.	1
Phenanthrene	1500		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	190		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	730		ug/kg	150	26.	1
Pyrene	1600		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	100	J	ug/kg	190	18.	1
2-Methylnaphthalene	96	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-06**Date Collected:** 02/12/20 16:30**Client ID:** RSB-1700-1_0-2**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	190		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		25-120
Phenol-d6	29		10-120
Nitrobenzene-d5	35		23-120
2-Fluorobiphenyl	25	Q	30-120
2,4,6-Tribromophenol	34		10-136
4-Terphenyl-d14	25		18-120

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-07
 Client ID: RSB-1700-3_5-7
 Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/13/20 13:30
 Date Received: 02/13/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 02/20/20 09:11
 Analyst: EK
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 02/16/20 15:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	34.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	220		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-07

Date Collected: 02/13/20 13:30

Client ID: RSB-1700-3_5-7

Date Received: 02/13/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	130		ug/kg	120	22.	1
Benzo(a)pyrene	120	J	ug/kg	160	48.	1
Benzo(b)fluoranthene	160		ug/kg	120	33.	1
Benzo(k)fluoranthene	49	J	ug/kg	120	31.	1
Chrysene	120		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	85	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	73	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	85	J	ug/kg	160	27.	1
Pyrene	210		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	81.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-07**Date Collected:** 02/13/20 13:30**Client ID:** RSB-1700-3_5-7**Date Received:** 02/13/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	60.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	114		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	93		18-120

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-08
 Client ID: RSB-1700-2_5-7
 Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/13/20 14:00
 Date Received: 02/13/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 02/20/20 04:18
 Analyst: EK
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 02/16/20 15:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-08

Date Collected: 02/13/20 14:00

Client ID: RSB-1700-2_5-7

Date Received: 02/13/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-08**Date Collected:** 02/13/20 14:00**Client ID:** RSB-1700-2_5-7**Date Received:** 02/13/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	48		10-136
4-Terphenyl-d14	59		18-120

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-10
 Client ID: RSB-1700-1_6-8
 Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/14/20 09:45
 Date Received: 02/14/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 02/20/20 05:03
 Analyst: EK
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 02/16/20 15:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-10

Date Collected: 02/14/20 09:45

Client ID: RSB-1700-1_6-8

Date Received: 02/14/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-10**Date Collected:** 02/14/20 09:45**Client ID:** RSB-1700-1_6-8**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	86		18-120

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-11**Date Collected:** 02/14/20 15:00**Client ID:** RMW-1700-1**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water**Extraction Method:** EPA 3510C**Analytical Method:** 1,8270D**Extraction Date:** 02/16/20 08:56**Analytical Date:** 02/19/20 07:34**Analyst:** EK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-11**Date Collected:** 02/14/20 15:00**Client ID:** RMW-1700-1**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	35		10-120
4-Terphenyl-d14	66		41-149

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-11

Date Collected: 02/14/20 15:00

Client ID: RMW-1700-1

Date Received: 02/14/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270D-SIM

Extraction Date: 02/16/20 08:58

Analytical Date: 02/17/20 17:10

Analyst: JJW

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.05	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.05	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.04	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-11**Date Collected:** 02/14/20 15:00**Client ID:** RMW-1700-1**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	106		41-149

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-12**Date Collected:** 02/14/20 12:05**Client ID:** DUP-1700-20200214_002**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water**Extraction Method:** EPA 3510C**Analytical Method:** 1,8270D**Extraction Date:** 02/16/20 08:56**Analytical Date:** 02/19/20 04:54**Analyst:** EK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-12

Date Collected: 02/14/20 12:05

Client ID: DUP-1700-20200214_002

Date Received: 02/14/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	44		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	45		10-120
4-Terphenyl-d14	69		41-149

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-12

Date Collected: 02/14/20 12:05

Client ID: DUP-1700-20200214_002

Date Received: 02/14/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270D-SIM

Extraction Date: 02/16/20 08:58

Analytical Date: 02/17/20 17:27

Analyst: JJW

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.05	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.03	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.06	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.05	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.04	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-12**Date Collected:** 02/14/20 12:05**Client ID:** DUP-1700-20200214_002**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	114		41-149

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-13**Date Collected:** 02/14/20 16:00**Client ID:** FB-1700-20200214_002**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Field Blank**Extraction Method:** EPA 3510C**Analytical Method:** 1,8270D**Extraction Date:** 02/16/20 08:56**Analytical Date:** 02/19/20 05:21**Analyst:** EK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-13**Date Collected:** 02/14/20 16:00**Client ID:** FB-1700-20200214_002**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	1.0	J	ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	22		10-120
4-Terphenyl-d14	59		41-149

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-13**Date Collected:** 02/14/20 16:00**Client ID:** FB-1700-20200214_002**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Field Blank**Extraction Method:** EPA 3510C**Analytical Method:** 1,8270D-SIM**Extraction Date:** 02/16/20 08:58**Analytical Date:** 02/17/20 17:44**Analyst:** JJW

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-13**Date Collected:** 02/14/20 16:00**Client ID:** FB-1700-20200214_002**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	107		41-149

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-15

Date Collected: 02/17/20 09:00

Client ID: B-4

Date Received: 02/17/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270D

Extraction Date: 02/18/20 08:08

Analytical Date: 02/19/20 20:08

Analyst: SZ

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-15**Date Collected:** 02/17/20 09:00**Client ID:** B-4**Date Received:** 02/17/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	80		41-149

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-15

Date Collected: 02/17/20 09:00

Client ID: B-4

Date Received: 02/17/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270D-SIM

Extraction Date: 02/18/20 08:08

Analytical Date: 02/19/20 13:39

Analyst: JJW

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-15**Date Collected:** 02/17/20 09:00**Client ID:** B-4**Date Received:** 02/17/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	106		41-149

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/17/20 15:57
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 02/13/20 08:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1340286-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	1.8	J	ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/17/20 15:57
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 02/13/20 08:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1340286-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/17/20 15:57
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 02/13/20 08:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1340286-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	45		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	56		41-149

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/15/20 13:02
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 02/14/20 00:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04,06 Batch: WG1340614-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/15/20 13:02
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 02/14/20 00:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04,06 Batch: WG1340614-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/15/20 13:02
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 02/14/20 00:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04,06 Batch: WG1340614-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	99		18-120

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/19/20 02:14
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 02/16/20 07:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11-13 Batch: WG1341215-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/19/20 02:14
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 02/16/20 07:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11-13 Batch: WG1341215-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/19/20 02:14
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 02/16/20 07:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11-13 Batch: WG1341215-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	59		41-149

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 02/17/20 12:22
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 02/16/20 07:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 11-13 Batch: WG1341216-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 02/17/20 12:22
 Analyst: JJW

Extraction Method: EPA 3510C
 Extraction Date: 02/16/20 07:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 11-13 Batch: WG1341216-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	112		41-149

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/17/20 23:21
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 02/16/20 15:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-08,10 Batch: WG1341261-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/17/20 23:21
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 02/16/20 15:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-08,10 Batch: WG1341261-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/17/20 23:21
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 02/16/20 15:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-08,10 Batch: WG1341261-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	91		18-120

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/19/20 13:38
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 02/18/20 08:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 15 Batch: WG1341723-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/19/20 13:38
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 02/18/20 08:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 15 Batch: WG1341723-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/19/20 13:38
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 02/18/20 08:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 15 Batch: WG1341723-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	77		41-149

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 02/19/20 10:43
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 02/18/20 08:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 15 Batch: WG1341724-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 02/19/20 10:43
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 02/18/20 08:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 15 Batch: WG1341724-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	92		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1340286-2 WG1340286-3								
Acenaphthene	65		71		37-111	9		30
1,2,4-Trichlorobenzene	52		63		39-98	19		30
Hexachlorobenzene	61		63		40-140	3		30
Bis(2-chloroethyl)ether	59		66		40-140	11		30
2-Chloronaphthalene	61		60		40-140	2		30
1,2-Dichlorobenzene	57		64		40-140	12		30
1,3-Dichlorobenzene	52		65		40-140	22		30
1,4-Dichlorobenzene	56		64		36-97	13		30
3,3'-Dichlorobenzidine	66		65		40-140	2		30
2,4-Dinitrotoluene	64		68		48-143	6		30
2,6-Dinitrotoluene	64		65		40-140	2		30
Fluoranthene	72		76		40-140	5		30
4-Chlorophenyl phenyl ether	59		65		40-140	10		30
4-Bromophenyl phenyl ether	62		62		40-140	0		30
Bis(2-chloroisopropyl)ether	44		52		40-140	17		30
Bis(2-chloroethoxy)methane	62		65		40-140	5		30
Hexachlorobutadiene	47		53		40-140	12		30
Hexachlorocyclopentadiene	45		50		40-140	11		30
Hexachloroethane	47		55		40-140	16		30
Isophorone	60		64		40-140	6		30
Naphthalene	56		65		40-140	15		30
Nitrobenzene	50		58		40-140	15		30
NDPA/DPA	67		67		40-140	0		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1340286-2 WG1340286-3								
n-Nitrosodi-n-propylamine	58		63		29-132	8		30
Bis(2-ethylhexyl)phthalate	69		72		40-140	4		30
Butyl benzyl phthalate	71		74		40-140	4		30
Di-n-butylphthalate	70		72		40-140	3		30
Di-n-octylphthalate	72		74		40-140	3		30
Diethyl phthalate	61		65		40-140	6		30
Dimethyl phthalate	61		59		40-140	3		30
Benzo(a)anthracene	71		73		40-140	3		30
Benzo(a)pyrene	61		67		40-140	9		30
Benzo(b)fluoranthene	69		74		40-140	7		30
Benzo(k)fluoranthene	63		71		40-140	12		30
Chrysene	64		67		40-140	5		30
Acenaphthylene	62		62		45-123	0		30
Anthracene	69		73		40-140	6		30
Benzo(ghi)perylene	75		81		40-140	8		30
Fluorene	66		72		40-140	9		30
Phenanthrene	66		68		40-140	3		30
Dibenzo(a,h)anthracene	77		79		40-140	3		30
Indeno(1,2,3-cd)pyrene	82		84		40-140	2		30
Pyrene	71		68		26-127	4		30
Biphenyl	62		61		40-140	2		30
4-Chloroaniline	46		56		40-140	20		30
2-Nitroaniline	73		64		52-143	13		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1340286-2 WG1340286-3								
3-Nitroaniline	69		66		25-145	4		30
4-Nitroaniline	67		68		51-143	1		30
Dibenzofuran	61		66		40-140	8		30
2-Methylnaphthalene	62		64		40-140	3		30
1,2,4,5-Tetrachlorobenzene	48		56		2-134	15		30
Acetophenone	59		65		39-129	10		30
2,4,6-Trichlorophenol	66		62		30-130	6		30
p-Chloro-m-cresol	68		65		23-97	5		30
2-Chlorophenol	60		68		27-123	13		30
2,4-Dichlorophenol	65		70		30-130	7		30
2,4-Dimethylphenol	41		38		30-130	8		30
2-Nitrophenol	67		71		30-130	6		30
4-Nitrophenol	48		52		10-80	8		30
2,4-Dinitrophenol	39		50		20-130	25		30
4,6-Dinitro-o-cresol	49		63		20-164	25		30
Pentachlorophenol	46		60		9-103	26		30
Phenol	50		49		12-110	2		30
2-Methylphenol	65		63		30-130	3		30
3-Methylphenol/4-Methylphenol	66		66		30-130	0		30
2,4,5-Trichlorophenol	61		62		30-130	2		30
Benzoic Acid	0	Q	0	Q	10-164	NC		30
Benzyl Alcohol	60		57		26-116	5		30
Carbazole	73		76		55-144	4		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1340286-2 WG1340286-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	56		58		21-120
Phenol-d6	51		50		10-120
Nitrobenzene-d5	41		45		23-120
2-Fluorobiphenyl	43		46		15-120
2,4,6-Tribromophenol	63		59		10-120
4-Terphenyl-d14	57		55		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,06 Batch: WG1340614-2 WG1340614-3								
Acenaphthene	72		72		31-137	0		50
1,2,4-Trichlorobenzene	72		72		38-107	0		50
Hexachlorobenzene	78		80		40-140	3		50
Bis(2-chloroethyl)ether	65		66		40-140	2		50
2-Chloronaphthalene	73		74		40-140	1		50
1,2-Dichlorobenzene	66		66		40-140	0		50
1,3-Dichlorobenzene	64		66		40-140	3		50
1,4-Dichlorobenzene	65		65		28-104	0		50
3,3'-Dichlorobenzidine	50		48		40-140	4		50
2,4-Dinitrotoluene	82		83		40-132	1		50
2,6-Dinitrotoluene	76		83		40-140	9		50
Fluoranthene	77		77		40-140	0		50
4-Chlorophenyl phenyl ether	75		73		40-140	3		50
4-Bromophenyl phenyl ether	78		78		40-140	0		50
Bis(2-chloroisopropyl)ether	59		55		40-140	7		50
Bis(2-chloroethoxy)methane	74		71		40-117	4		50
Hexachlorobutadiene	68		71		40-140	4		50
Hexachlorocyclopentadiene	71		70		40-140	1		50
Hexachloroethane	68		65		40-140	5		50
Isophorone	75		73		40-140	3		50
Naphthalene	69		68		40-140	1		50
Nitrobenzene	72		70		40-140	3		50
NDPA/DPA	76		76		36-157	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,06 Batch: WG1340614-2 WG1340614-3								
n-Nitrosodi-n-propylamine	76		72		32-121	5		50
Bis(2-ethylhexyl)phthalate	80		80		40-140	0		50
Butyl benzyl phthalate	82		81		40-140	1		50
Di-n-butylphthalate	82		82		40-140	0		50
Di-n-octylphthalate	78		78		40-140	0		50
Diethyl phthalate	75		75		40-140	0		50
Dimethyl phthalate	72		78		40-140	8		50
Benzo(a)anthracene	72		74		40-140	3		50
Benzo(a)pyrene	80		80		40-140	0		50
Benzo(b)fluoranthene	79		79		40-140	0		50
Benzo(k)fluoranthene	76		77		40-140	1		50
Chrysene	72		71		40-140	1		50
Acenaphthylene	70		76		40-140	8		50
Anthracene	75		75		40-140	0		50
Benzo(ghi)perylene	74		73		40-140	1		50
Fluorene	74		74		40-140	0		50
Phenanthrene	72		71		40-140	1		50
Dibenzo(a,h)anthracene	77		76		40-140	1		50
Indeno(1,2,3-cd)pyrene	78		77		40-140	1		50
Pyrene	75		74		35-142	1		50
Biphenyl	71		72		37-127	1		50
4-Chloroaniline	63		74		40-140	16		50
2-Nitroaniline	78		80		47-134	3		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,06 Batch: WG1340614-2 WG1340614-3								
3-Nitroaniline	59		59		26-129	0		50
4-Nitroaniline	71		73		41-125	3		50
Dibenzofuran	73		72		40-140	1		50
2-Methylnaphthalene	73		71		40-140	3		50
1,2,4,5-Tetrachlorobenzene	70		74		40-117	6		50
Acetophenone	72		70		14-144	3		50
2,4,6-Trichlorophenol	82		85		30-130	4		50
p-Chloro-m-cresol	79		81		26-103	3		50
2-Chlorophenol	74		75		25-102	1		50
2,4-Dichlorophenol	84		83		30-130	1		50
2,4-Dimethylphenol	79		76		30-130	4		50
2-Nitrophenol	82		80		30-130	2		50
4-Nitrophenol	73		74		11-114	1		50
2,4-Dinitrophenol	63		70		4-130	11		50
4,6-Dinitro-o-cresol	78		81		10-130	4		50
Pentachlorophenol	69		71		17-109	3		50
Phenol	66		66		26-90	0		50
2-Methylphenol	77		75		30-130.	3		50
3-Methylphenol/4-Methylphenol	80		77		30-130	4		50
2,4,5-Trichlorophenol	81		86		30-130	6		50
Benzoic Acid	43		40		10-110	7		50
Benzyl Alcohol	73		73		40-140	0		50
Carbazole	75		74		54-128	1		50

Lab Control Sample Analysis Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,06 Batch: WG1340614-2 WG1340614-3								
1,4-Dioxane	41		41		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		72		25-120
Phenol-d6	73		73		10-120
Nitrobenzene-d5	71		69		23-120
2-Fluorobiphenyl	69		71		30-120
2,4,6-Tribromophenol	85		85		10-136
4-Terphenyl-d14	80		78		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-13 Batch: WG1341215-2 WG1341215-3								
Acenaphthene	88		92		37-111	4		30
1,2,4-Trichlorobenzene	85		82		39-98	4		30
Hexachlorobenzene	78		78		40-140	0		30
Bis(2-chloroethyl)ether	86		86		40-140	0		30
2-Chloronaphthalene	78		85		40-140	9		30
1,2-Dichlorobenzene	86		83		40-140	4		30
1,3-Dichlorobenzene	85		80		40-140	6		30
1,4-Dichlorobenzene	82		80		36-97	2		30
3,3'-Dichlorobenzidine	44		44		40-140	0		30
2,4-Dinitrotoluene	81		87		48-143	7		30
2,6-Dinitrotoluene	79		80		40-140	1		30
Fluoranthene	86		88		40-140	2		30
4-Chlorophenyl phenyl ether	80		86		40-140	7		30
4-Bromophenyl phenyl ether	82		85		40-140	4		30
Bis(2-chloroisopropyl)ether	67		68		40-140	1		30
Bis(2-chloroethoxy)methane	88		83		40-140	6		30
Hexachlorobutadiene	75		80		40-140	6		30
Hexachlorocyclopentadiene	70		72		40-140	3		30
Hexachloroethane	74		76		40-140	3		30
Isophorone	85		81		40-140	5		30
Naphthalene	82		89		40-140	8		30
Nitrobenzene	71		73		40-140	3		30
NDPA/DPA	80		85		40-140	6		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-13 Batch: WG1341215-2 WG1341215-3								
n-Nitrosodi-n-propylamine	80		76		29-132	5		30
Bis(2-ethylhexyl)phthalate	101		116		40-140	14		30
Butyl benzyl phthalate	82		84		40-140	2		30
Di-n-butylphthalate	93		99		40-140	6		30
Di-n-octylphthalate	96		104		40-140	8		30
Diethyl phthalate	80		86		40-140	7		30
Dimethyl phthalate	72		74		40-140	3		30
Benzo(a)anthracene	91		103		40-140	12		30
Benzo(a)pyrene	71		74		40-140	4		30
Benzo(b)fluoranthene	82		86		40-140	5		30
Benzo(k)fluoranthene	84		84		40-140	0		30
Chrysene	84		89		40-140	6		30
Acenaphthylene	81		82		45-123	1		30
Anthracene	89		94		40-140	5		30
Benzo(ghi)perylene	94		109		40-140	15		30
Fluorene	87		92		40-140	6		30
Phenanthrene	85		91		40-140	7		30
Dibenzo(a,h)anthracene	95		103		40-140	8		30
Indeno(1,2,3-cd)pyrene	95		119		40-140	22		30
Pyrene	80		78		26-127	3		30
Biphenyl	81		86		40-140	6		30
4-Chloroaniline	37	Q	36	Q	40-140	3		30
2-Nitroaniline	82		84		52-143	2		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-13 Batch: WG1341215-2 WG1341215-3								
3-Nitroaniline	55		54		25-145	2		30
4-Nitroaniline	59		59		51-143	0		30
Dibenzofuran	86		88		40-140	2		30
2-Methylnaphthalene	84		89		40-140	6		30
1,2,4,5-Tetrachlorobenzene	76		79		2-134	4		30
Acetophenone	84		81		39-129	4		30
2,4,6-Trichlorophenol	74		80		30-130	8		30
p-Chloro-m-cresol	75		77		23-97	3		30
2-Chlorophenol	90		89		27-123	1		30
2,4-Dichlorophenol	90		87		30-130	3		30
2,4-Dimethylphenol	30		43		30-130	36	Q	30
2-Nitrophenol	93		95		30-130	2		30
4-Nitrophenol	50		47		10-80	6		30
2,4-Dinitrophenol	91		96		20-130	5		30
4,6-Dinitro-o-cresol	80		87		20-164	8		30
Pentachlorophenol	79		77		9-103	3		30
Phenol	62		57		12-110	8		30
2-Methylphenol	73		75		30-130	3		30
3-Methylphenol/4-Methylphenol	80		78		30-130	3		30
2,4,5-Trichlorophenol	76		76		30-130	0		30
Benzoic Acid	65		68		10-164	5		30
Benzyl Alcohol	68		49		26-116	32	Q	30
Carbazole	82		84		55-144	2		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-13 Batch: WG1341215-2 WG1341215-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		71		21-120
Phenol-d6	60		56		10-120
Nitrobenzene-d5	59		57		23-120
2-Fluorobiphenyl	60		65		15-120
2,4,6-Tribromophenol	79		83		10-120
4-Terphenyl-d14	71		70		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 11-13 Batch: WG1341216-2 WG1341216-3								
Acenaphthene	91		102		40-140	11		40
2-Chloronaphthalene	92		102		40-140	10		40
Fluoranthene	97		102		40-140	5		40
Hexachlorobutadiene	86		95		40-140	10		40
Naphthalene	88		98		40-140	11		40
Benzo(a)anthracene	94		102		40-140	8		40
Benzo(a)pyrene	100		109		40-140	9		40
Benzo(b)fluoranthene	99		110		40-140	11		40
Benzo(k)fluoranthene	100		111		40-140	10		40
Chrysene	96		102		40-140	6		40
Acenaphthylene	90		100		40-140	11		40
Anthracene	95		102		40-140	7		40
Benzo(ghi)perylene	93		107		40-140	14		40
Fluorene	92		102		40-140	10		40
Phenanthrene	96		103		40-140	7		40
Dibenzo(a,h)anthracene	102		112		40-140	9		40
Indeno(1,2,3-cd)pyrene	97		106		40-140	9		40
Pyrene	96		102		40-140	6		40
2-Methylnaphthalene	92		103		40-140	11		40
Pentachlorophenol	87		71		40-140	20		40
Hexachlorobenzene	95		102		40-140	7		40
Hexachloroethane	74		83		40-140	11		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 11-13 Batch: WG1341216-2 WG1341216-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		73		21-120
Phenol-d6	54		63		10-120
Nitrobenzene-d5	84		93		23-120
2-Fluorobiphenyl	88		95		15-120
2,4,6-Tribromophenol	78		89		10-120
4-Terphenyl-d14	108		111		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08,10 Batch: WG1341261-2 WG1341261-3								
Acenaphthene	81		70		31-137	15		50
1,2,4-Trichlorobenzene	79		71		38-107	11		50
Hexachlorobenzene	89		76		40-140	16		50
Bis(2-chloroethyl)ether	75		66		40-140	13		50
2-Chloronaphthalene	87		74		40-140	16		50
1,2-Dichlorobenzene	75		68		40-140	10		50
1,3-Dichlorobenzene	76		69		40-140	10		50
1,4-Dichlorobenzene	76		68		28-104	11		50
3,3'-Dichlorobenzidine	63		59		40-140	7		50
2,4-Dinitrotoluene	86		72		40-132	18		50
2,6-Dinitrotoluene	93		78		40-140	18		50
Fluoranthene	84		73		40-140	14		50
4-Chlorophenyl phenyl ether	85		73		40-140	15		50
4-Bromophenyl phenyl ether	87		73		40-140	18		50
Bis(2-chloroisopropyl)ether	71		64		40-140	10		50
Bis(2-chloroethoxy)methane	81		70		40-117	15		50
Hexachlorobutadiene	82		72		40-140	13		50
Hexachlorocyclopentadiene	77		66		40-140	15		50
Hexachloroethane	75		69		40-140	8		50
Isophorone	78		69		40-140	12		50
Naphthalene	80		71		40-140	12		50
Nitrobenzene	75		67		40-140	11		50
NDPA/DPA	87		73		36-157	18		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08,10 Batch: WG1341261-2 WG1341261-3								
n-Nitrosodi-n-propylamine	77		67		32-121	14		50
Bis(2-ethylhexyl)phthalate	87		74		40-140	16		50
Butyl benzyl phthalate	85		74		40-140	14		50
Di-n-butylphthalate	85		74		40-140	14		50
Di-n-octylphthalate	87		74		40-140	16		50
Diethyl phthalate	87		73		40-140	18		50
Dimethyl phthalate	92		78		40-140	16		50
Benzo(a)anthracene	82		68		40-140	19		50
Benzo(a)pyrene	93		78		40-140	18		50
Benzo(b)fluoranthene	86		78		40-140	10		50
Benzo(k)fluoranthene	94		77		40-140	20		50
Chrysene	85		75		40-140	13		50
Acenaphthylene	88		74		40-140	17		50
Anthracene	84		74		40-140	13		50
Benzo(ghi)perylene	87		77		40-140	12		50
Fluorene	85		74		40-140	14		50
Phenanthrene	81		70		40-140	15		50
Dibenzo(a,h)anthracene	85		74		40-140	14		50
Indeno(1,2,3-cd)pyrene	84		73		40-140	14		50
Pyrene	83		72		35-142	14		50
Biphenyl	87		74		37-127	16		50
4-Chloroaniline	49		43		40-140	13		50
2-Nitroaniline	87		75		47-134	15		50

Lab Control Sample Analysis Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08,10 Batch: WG1341261-2 WG1341261-3								
3-Nitroaniline	66		62		26-129	6		50
4-Nitroaniline	77		68		41-125	12		50
Dibenzofuran	86		73		40-140	16		50
2-Methylnaphthalene	82		72		40-140	13		50
1,2,4,5-Tetrachlorobenzene	84		72		40-117	15		50
Acetophenone	79		71		14-144	11		50
2,4,6-Trichlorophenol	91		79		30-130	14		50
p-Chloro-m-cresol	93		79		26-103	16		50
2-Chlorophenol	79		71		25-102	11		50
2,4-Dichlorophenol	88		76		30-130	15		50
2,4-Dimethylphenol	85		71		30-130	18		50
2-Nitrophenol	81		70		30-130	15		50
4-Nitrophenol	85		73		11-114	15		50
2,4-Dinitrophenol	68		60		4-130	13		50
4,6-Dinitro-o-cresol	84		71		10-130	17		50
Pentachlorophenol	91		76		17-109	18		50
Phenol	75		67		26-90	11		50
2-Methylphenol	81		72		30-130.	12		50
3-Methylphenol/4-Methylphenol	82		70		30-130	16		50
2,4,5-Trichlorophenol	96		79		30-130	19		50
Benzoic Acid	43		33		10-110	26		50
Benzyl Alcohol	81		72		40-140	12		50
Carbazole	85		74		54-128	14		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08,10 Batch: WG1341261-2 WG1341261-3								
1,4-Dioxane	58		53		40-140	9		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		71		25-120
Phenol-d6	82		71		10-120
Nitrobenzene-d5	76		65		23-120
2-Fluorobiphenyl	83		70		30-120
2,4,6-Tribromophenol	90		76		10-136
4-Terphenyl-d14	86		74		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 15 Batch: WG1341723-2 WG1341723-3								
Acenaphthene	77		78		37-111	1		30
1,2,4-Trichlorobenzene	80		76		39-98	5		30
Hexachlorobenzene	84		83		40-140	1		30
Bis(2-chloroethyl)ether	77		74		40-140	4		30
2-Chloronaphthalene	84		80		40-140	5		30
1,2-Dichlorobenzene	77		74		40-140	4		30
1,3-Dichlorobenzene	76		73		40-140	4		30
1,4-Dichlorobenzene	77		72		36-97	7		30
3,3'-Dichlorobenzidine	66		63		40-140	5		30
2,4-Dinitrotoluene	87		89		48-143	2		30
2,6-Dinitrotoluene	92		92		40-140	0		30
Fluoranthene	88		86		40-140	2		30
4-Chlorophenyl phenyl ether	83		85		40-140	2		30
4-Bromophenyl phenyl ether	88		92		40-140	4		30
Bis(2-chloroisopropyl)ether	55		53		40-140	4		30
Bis(2-chloroethoxy)methane	83		83		40-140	0		30
Hexachlorobutadiene	81		77		40-140	5		30
Hexachlorocyclopentadiene	78		72		40-140	8		30
Hexachloroethane	69		66		40-140	4		30
Isophorone	88		86		40-140	2		30
Naphthalene	79		76		40-140	4		30
Nitrobenzene	80		80		40-140	0		30
NDPA/DPA	84		82		40-140	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 15 Batch: WG1341723-2 WG1341723-3								
n-Nitrosodi-n-propylamine	92		92		29-132	0		30
Bis(2-ethylhexyl)phthalate	77		87		40-140	12		30
Butyl benzyl phthalate	88		88		40-140	0		30
Di-n-butylphthalate	85		86		40-140	1		30
Di-n-octylphthalate	79		85		40-140	7		30
Diethyl phthalate	81		83		40-140	2		30
Dimethyl phthalate	89		88		40-140	1		30
Benzo(a)anthracene	79		80		40-140	1		30
Benzo(a)pyrene	72		71		40-140	1		30
Benzo(b)fluoranthene	76		78		40-140	3		30
Benzo(k)fluoranthene	77		76		40-140	1		30
Chrysene	73		73		40-140	0		30
Acenaphthylene	87		86		45-123	1		30
Anthracene	88		86		40-140	2		30
Benzo(ghi)perylene	81		78		40-140	4		30
Fluorene	82		84		40-140	2		30
Phenanthrene	87		84		40-140	4		30
Dibenzo(a,h)anthracene	85		82		40-140	4		30
Indeno(1,2,3-cd)pyrene	92		89		40-140	3		30
Pyrene	84		80		26-127	5		30
Biphenyl	89		86		40-140	3		30
4-Chloroaniline	80		74		40-140	8		30
2-Nitroaniline	91		90		52-143	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 15 Batch: WG1341723-2 WG1341723-3								
3-Nitroaniline	74		68		25-145	8		30
4-Nitroaniline	79		75		51-143	5		30
Dibenzofuran	80		80		40-140	0		30
2-Methylnaphthalene	84		82		40-140	2		30
1,2,4,5-Tetrachlorobenzene	89		89		2-134	0		30
Acetophenone	79		77		39-129	3		30
2,4,6-Trichlorophenol	90		84		30-130	7		30
p-Chloro-m-cresol	92		90		23-97	2		30
2-Chlorophenol	80		76		27-123	5		30
2,4-Dichlorophenol	87		88		30-130	1		30
2,4-Dimethylphenol	59		34		30-130	54	Q	30
2-Nitrophenol	81		81		30-130	0		30
4-Nitrophenol	71		71		10-80	0		30
2,4-Dinitrophenol	61		67		20-130	9		30
4,6-Dinitro-o-cresol	77		82		20-164	6		30
Pentachlorophenol	69		54		9-103	24		30
Phenol	64		61		12-110	5		30
2-Methylphenol	77		65		30-130	17		30
3-Methylphenol/4-Methylphenol	83		76		30-130	9		30
2,4,5-Trichlorophenol	85		85		30-130	0		30
Benzoic Acid	0	Q	38		10-164	NC		30
Benzyl Alcohol	78		78		26-116	0		30
Carbazole	88		84		55-144	5		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 15 Batch: WG1341723-2 WG1341723-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		66		21-120
Phenol-d6	61		60		10-120
Nitrobenzene-d5	65		60		23-120
2-Fluorobiphenyl	67		63		15-120
2,4,6-Tribromophenol	82		77		10-120
4-Terphenyl-d14	78		74		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 15 Batch: WG1341724-2 WG1341724-3								
Acenaphthene	77		68		40-140	12		40
2-Chloronaphthalene	89		79		40-140	12		40
Fluoranthene	89		73		40-140	20		40
Hexachlorobutadiene	70		65		40-140	7		40
Naphthalene	68		62		40-140	9		40
Benzo(a)anthracene	86		70		40-140	21		40
Benzo(a)pyrene	102		83		40-140	21		40
Benzo(b)fluoranthene	100		81		40-140	21		40
Benzo(k)fluoranthene	100		82		40-140	20		40
Chrysene	87		71		40-140	20		40
Acenaphthylene	85		76		40-140	11		40
Anthracene	89		77		40-140	14		40
Benzo(ghi)perylene	103		83		40-140	22		40
Fluorene	80		69		40-140	15		40
Phenanthrene	79		66		40-140	18		40
Dibenzo(a,h)anthracene	109		88		40-140	21		40
Indeno(1,2,3-cd)pyrene	109		87		40-140	22		40
Pyrene	90		73		40-140	21		40
2-Methylnaphthalene	78		70		40-140	11		40
Pentachlorophenol	86		67		40-140	25		40
Hexachlorobenzene	72		61		40-140	17		40
Hexachloroethane	56		54		40-140	4		40

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 15 Batch: WG1341724-2 WG1341724-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	62		64		21-120
Phenol-d6	48		48		10-120
Nitrobenzene-d5	68		62		23-120
2-Fluorobiphenyl	81		73		15-120
2,4,6-Tribromophenol	84		73		10-120
4-Terphenyl-d14	101		82		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,06 QC Batch ID: WG1340614-4 WG1340614-5 QC Sample: L2006439-04 Client ID: RSB-1700-3_0-2												
Acenaphthene	140J	1470	1300	88		1500	100		31-137	14		50
1,2,4-Trichlorobenzene	ND	1470	1400	95		1500	100		38-107	7		50
Hexachlorobenzene	ND	1470	1400	95		1600	110		40-140	13		50
Bis(2-chloroethyl)ether	ND	1470	1200	81		1300	88		40-140	8		50
2-Chloronaphthalene	ND	1470	1400	95		1500	100		40-140	7		50
1,2-Dichlorobenzene	ND	1470	1300	88		1400	95		40-140	7		50
1,3-Dichlorobenzene	ND	1470	1200	81		1400	95		40-140	15		50
1,4-Dichlorobenzene	ND	1470	1200	81		1400	95		28-104	15		50
3,3'-Dichlorobenzidine	ND	1470	820	56		860	59		40-140	5		50
2,4-Dinitrotoluene	ND	1470	1500	100		1600	110		40-132	6		50
2,6-Dinitrotoluene	ND	1470	1500	100		1700	120		40-140	13		50
Fluoranthene	5100	1470	2000	0	Q	3300	0	Q	40-140	49		50
4-Chlorophenyl phenyl ether	ND	1470	1400	95		1500	100		40-140	7		50
4-Bromophenyl phenyl ether	ND	1470	1400	95		1500	100		40-140	7		50
Bis(2-chloroisopropyl)ether	ND	1470	950	64		1000	68		40-140	5		50
Bis(2-chloroethoxy)methane	ND	1470	1300	88		1400	95		40-117	7		50
Hexachlorobutadiene	ND	1470	1400	95		1600	110		40-140	13		50
Hexachlorocyclopentadiene	ND	1470	480J	33	Q	ND	0	Q	40-140	NC		50
Hexachloroethane	ND	1470	1200	81		1300	88		40-140	8		50
Isophorone	ND	1470	1300	88		1400	95		40-140	7		50
Naphthalene	53J	1470	1300	88		1500	100		40-140	14		50
Nitrobenzene	ND	1470	1300	88		1400	95		40-140	7		50
NDPA/DPA	ND	1470	1400	95		1600	110		36-157	13		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,06 QC Batch ID: WG1340614-4 WG1340614-5 QC Sample: L2006439-04 Client ID: RSB-1700-3_0-2												
n-Nitrosodi-n-propylamine	ND	1470	1300	88		1400	95		32-121	7		50
Bis(2-ethylhexyl)phthalate	ND	1470	1400	95		1600	110		40-140	13		50
Butyl benzyl phthalate	ND	1470	1400	95		1600	110		40-140	13		50
Di-n-butylphthalate	ND	1470	1400	95		1600	110		40-140	13		50
Di-n-octylphthalate	ND	1470	1400	95		1600	110		40-140	13		50
Diethyl phthalate	ND	1470	1400	95		1500	100		40-140	7		50
Dimethyl phthalate	ND	1470	1400	95		1600	110		40-140	13		50
Benzo(a)anthracene	2400	1470	1700	0	Q	2400	0	Q	40-140	34		50
Benzo(a)pyrene	2200	1470	1900	0	Q	2500	20	Q	40-140	27		50
Benzo(b)fluoranthene	2900	1470	1900	0	Q	2800	0	Q	40-140	38		50
Benzo(k)fluoranthene	1000	1470	1600	41		2000	68		40-140	22		50
Chrysene	2200	1470	1600	0	Q	2200	0	Q	40-140	32		50
Acenaphthylene	170J	1470	1400	95		1700	120		40-140	19		50
Anthracene	870	1470	1400	36	Q	1600	50		40-140	13		50
Benzo(ghi)perylene	1300	1470	1600	20	Q	2000	48		40-140	22		50
Fluorene	190J	1470	1400	95		1500	100		40-140	7		50
Phenanthrene	2900	1470	1500	0	Q	2200	0	Q	40-140	38		50
Dibenzo(a,h)anthracene	350	1470	1400	71		1600	85		40-140	13		50
Indeno(1,2,3-cd)pyrene	1400	1470	1700	20	Q	2100	48		40-140	21		50
Pyrene	4100	1470	1800	0	Q	2900	0	Q	35-142	47		50
Biphenyl	ND	1470	1300	88		1500	100		37-127	14		50
4-Chloroaniline	ND	1470	1200	81		1200	82		40-140	0		50
2-Nitroaniline	ND	1470	1500	100		1700	120		47-134	13		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,06 QC Batch ID: WG1340614-4 WG1340614-5 QC Sample: L2006439-04 Client ID: RSB-1700-3_0-2												
3-Nitroaniline	ND	1470	1200	81		1400	95		26-129	15		50
4-Nitroaniline	ND	1470	1200	81		1400	95		41-125	15		50
Dibenzofuran	110J	1470	1300	88		1500	100		40-140	14		50
2-Methylnaphthalene	ND	1470	1300	88		1500	100		40-140	14		50
1,2,4,5-Tetrachlorobenzene	ND	1470	1400	95		1600	110		40-117	13		50
Acetophenone	ND	1470	1300	88		1400	95		14-144	7		50
2,4,6-Trichlorophenol	ND	1470	1100	75		1300	88		30-130	17		50
p-Chloro-m-cresol	ND	1470	1500	100		1700	120	Q	26-103	13		50
2-Chlorophenol	ND	1470	1400	95		1500	100		25-102	7		50
2,4-Dichlorophenol	ND	1470	1500	100		1600	110		30-130	6		50
2,4-Dimethylphenol	ND	1470	1500	100		1600	110		30-130	6		50
2-Nitrophenol	ND	1470	1200	81		1300	88		30-130	8		50
4-Nitrophenol	ND	1470	470J	32		470J	32		11-114	0		50
2,4-Dinitrophenol	ND	1470	ND	0	Q	ND	0	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1470	290J	20		250J	17		10-130	15		50
Pentachlorophenol	ND	1470	740	50		780	53		17-109	5		50
Phenol	ND	1470	1200	81		1300	88		26-90	8		50
2-Methylphenol	ND	1470	1400	95		1500	100		30-130	7		50
3-Methylphenol/4-Methylphenol	ND	1470	1400	95		1500	100		30-130	7		50
2,4,5-Trichlorophenol	ND	1470	1400	95		1600	110		30-130	13		50
Benzoic Acid	ND	1470	ND	0	Q	ND	0	Q	10-110	NC		50
Benzyl Alcohol	ND	1470	1300	88		1400	95		40-140	7		50
Carbazole	66J	1470	1400	95		1600	110		54-128	13		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,06 QC Batch ID: WG1340614-4 WG1340614-5 QC Sample: L2006439-04 Client ID: RSB-1700-3_0-2												
1,4-Dioxane	ND	1470	690	47		720	49		40-140	4		50

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
2,4,6-Tribromophenol	93		100		10-136
2-Fluorobiphenyl	82		91		30-120
2-Fluorophenol	85		91		25-120
4-Terphenyl-d14	83		95		18-120
Nitrobenzene-d5	89		95		23-120
Phenol-d6	91		98		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab B-4 Associated sample(s): 15 QC Batch ID: WG1341723-4 WG1341723-5 QC Sample: L2006439-15 Client ID:												
1,2,4-Trichlorobenzene	ND	18.2	13	72		15	83		39-98	14		30
Bis(2-chloroethyl)ether	ND	18.2	13	72		14	77		40-140	7		30
1,2-Dichlorobenzene	ND	18.2	13	72		14	77		40-140	7		30
1,3-Dichlorobenzene	ND	18.2	12	66		14	77		40-140	15		30
1,4-Dichlorobenzene	ND	18.2	12	66		14	77		36-97	15		30
3,3'-Dichlorobenzidine	ND	18.2	5.4	30	Q	5.9	32	Q	40-140	9		30
2,4-Dinitrotoluene	ND	18.2	15	83		18	99		48-143	18		30
2,6-Dinitrotoluene	ND	18.2	16	88		18	99		40-140	12		30
4-Chlorophenyl phenyl ether	ND	18.2	14	77		16	88		40-140	13		30
4-Bromophenyl phenyl ether	ND	18.2	16	88		18	99		40-140	12		30
Bis(2-chloroisopropyl)ether	ND	18.2	9.0	50		10	55		40-140	11		30
Bis(2-chloroethoxy)methane	ND	18.2	14	77		15	83		40-140	7		30
Hexachlorocyclopentadiene	ND	18.2	13.J	72		14.J	77		40-140	7		30
Isophorone	ND	18.2	15	83		16	88		40-140	6		30
Nitrobenzene	ND	18.2	14	77		16	88		40-140	13		30
NDPA/DPA	ND	18.2	12	66		17	94		40-140	34	Q	30
n-Nitrosodi-n-propylamine	ND	18.2	16	88		17	94		29-132	6		30
Bis(2-ethylhexyl)phthalate	ND	18.2	14	77		15	83		40-140	7		30
Butyl benzyl phthalate	ND	18.2	16	88		18	99		40-140	12		30
Di-n-butylphthalate	ND	18.2	15	83		17	94		40-140	13		30
Di-n-octylphthalate	ND	18.2	15	83		16	88		40-140	6		30
Diethyl phthalate	ND	18.2	14	77		16	88		40-140	13		30
Dimethyl phthalate	ND	18.2	15	83		17	94		40-140	13		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab B-4 Associated sample(s): 15 QC Batch ID: WG1341723-4 WG1341723-5 QC Sample: L2006439-15 Client ID:												
Biphenyl	ND	18.2	15	83		17	94		40-140	13		30
4-Chloroaniline	ND	18.2	12	66		14	77		40-140	15		30
2-Nitroaniline	ND	18.2	16	88		17	94		52-143	6		30
3-Nitroaniline	ND	18.2	10	55		12	66		25-145	18		30
4-Nitroaniline	ND	18.2	11	61		13	72		51-143	17		30
Dibenzofuran	ND	18.2	14	77		16	88		40-140	13		30
1,2,4,5-Tetrachlorobenzene	ND	18.2	15	83		17	94		2-134	13		30
Acetophenone	ND	18.2	14	77		15	83		39-129	7		30
2,4,6-Trichlorophenol	ND	18.2	15	83		17	94		30-130	13		30
p-Chloro-m-cresol	ND	18.2	16	88		18	99	Q	23-97	12		30
2-Chlorophenol	ND	18.2	13	72		15	83		27-123	14		30
2,4-Dichlorophenol	ND	18.2	15	83		17	94		30-130	13		30
2,4-Dimethylphenol	ND	18.2	7.5	41		10	55		30-130	29		30
2-Nitrophenol	ND	18.2	14	77		15	83		30-130	7		30
4-Nitrophenol	ND	18.2	13	72		16	88	Q	10-80	21		30
2,4-Dinitrophenol	ND	18.2	16.J	88		18.J	99		20-130	12		30
4,6-Dinitro-o-cresol	ND	18.2	15	83		17	94		20-164	13		30
Phenol	ND	18.2	11	61		12	66		12-110	9		30
2-Methylphenol	ND	18.2	12	66		15	83		30-130	22		30
3-Methylphenol/4-Methylphenol	ND	18.2	14	77		16	88		30-130	13		30
2,4,5-Trichlorophenol	ND	18.2	15	83		16	88		30-130	6		30
Benzoic Acid	ND	18.2	17.J	94		17.J	94		10-164	0		30
Benzyl Alcohol	ND	18.2	14	77		15	83		26-116	7		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab B-4 Associated sample(s): 15 QC Batch ID: WG1341723-4 WG1341723-5 QC Sample: L2006439-15 Client ID:												
Carbazole	ND	18.2	15	83		17	94		55-144	13		30

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
2,4,6-Tribromophenol	78		93		10-120
2-Fluorobiphenyl	61		70		15-120
2-Fluorophenol	63		72		21-120
4-Terphenyl-d14	75		84		41-149
Nitrobenzene-d5	59		66		23-120
Phenol-d6	57		67		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab ID: B-4 Associated sample(s): 15 QC Batch ID: WG1341724-4 WG1341724-5 QC Sample: L2006439-15 Client												
Acenaphthene	ND	18.2	16	88		18	99		40-140	12		40
2-Chloronaphthalene	ND	18.2	19	100		20	110		40-140	5		40
Fluoranthene	ND	18.2	18	99		20	110		40-140	11		40
Hexachlorobutadiene	ND	18.2	17	94		18	99		40-140	6		40
Naphthalene	ND	18.2	16	88		16	88		40-140	0		40
Benzo(a)anthracene	ND	18.2	15	83		18	99		40-140	18		40
Benzo(a)pyrene	ND	18.2	19	100		21	120		40-140	10		40
Benzo(b)fluoranthene	ND	18.2	19	100		20	110		40-140	5		40
Benzo(k)fluoranthene	ND	18.2	20	110		22	120		40-140	10		40
Chrysene	ND	18.2	17	94		19	100		40-140	11		40
Acenaphthylene	ND	18.2	20	110		21	120		40-140	5		40
Anthracene	0.02J	18.2	18	99		21	120		40-140	15		40
Benzo(ghi)perylene	ND	18.2	19	100		21	120		40-140	10		40
Fluorene	ND	18.2	17	94		19	100		40-140	11		40
Phenanthrene	ND	18.2	16	88		17	94		40-140	6		40
Dibenzo(a,h)anthracene	ND	18.2	20	110		22	120		40-140	10		40
Indeno(1,2,3-cd)pyrene	ND	18.2	20	110		22	120		40-140	10		40
Pyrene	ND	18.2	18	99		19	100		40-140	5		40
2-Methylnaphthalene	ND	18.2	18	99		19	100		40-140	5		40
Pentachlorophenol	ND	18.2	19	100		20	110		40-140	5		40
Hexachlorobenzene	ND	18.2	15	83		16	88		40-140	6		40
Hexachloroethane	ND	18.2	14	77		14	77		40-140	0		40

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 15 QC Batch ID: WG1341724-4 WG1341724-5 QC Sample: L2006439-15 Client ID: B-4

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	96		106		10-120
2-Fluorobiphenyl	102		108		15-120
2-Fluorophenol	78		83		21-120
4-Terphenyl-d14	103		114		41-149
Nitrobenzene-d5	82		85		23-120
Phenol-d6	62		66		10-120

PCBS

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-01
 Client ID: RSB-1700-2_0-2
 Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/12/20 11:30
 Date Received: 02/12/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 02/15/20 14:29
 Analyst: AWS
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 02/14/20 14:10
 Cleanup Method: EPA 3665A
 Cleanup Date: 02/14/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 02/15/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.2	3.31	1	A
Aroclor 1221	ND		ug/kg	37.2	3.73	1	A
Aroclor 1232	ND		ug/kg	37.2	7.90	1	A
Aroclor 1242	ND		ug/kg	37.2	5.02	1	A
Aroclor 1248	ND		ug/kg	37.2	5.59	1	A
Aroclor 1254	25.3	J	ug/kg	37.2	4.08	1	A
Aroclor 1260	25.6	JP	ug/kg	37.2	6.88	1	A
Aroclor 1262	ND		ug/kg	37.2	4.73	1	A
Aroclor 1268	7.00	J	ug/kg	37.2	3.86	1	A
PCBs, Total	57.9	J	ug/kg	37.2	3.31	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-02**Date Collected:** 02/12/20 12:00**Client ID:** DUP-1700-20200212**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil**Extraction Method:** EPA 3546**Analytical Method:** 1,8082A**Extraction Date:** 02/14/20 14:10**Analytical Date:** 02/15/20 14:41**Cleanup Method:** EPA 3665A**Analyst:** AWS**Cleanup Date:** 02/14/20**Percent Solids:** 87%**Cleanup Method:** EPA 3660B**Cleanup Date:** 02/15/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.2	3.21	1	A
Aroclor 1221	ND		ug/kg	36.2	3.62	1	A
Aroclor 1232	ND		ug/kg	36.2	7.67	1	A
Aroclor 1242	ND		ug/kg	36.2	4.88	1	A
Aroclor 1248	ND		ug/kg	36.2	5.43	1	A
Aroclor 1254	31.0	J	ug/kg	36.2	3.96	1	B
Aroclor 1260	18.5	J	ug/kg	36.2	6.69	1	A
Aroclor 1262	ND		ug/kg	36.2	4.60	1	A
Aroclor 1268	7.99	J	ug/kg	36.2	3.75	1	B
PCBs, Total	57.5	J	ug/kg	36.2	3.21	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-03**Date Collected:** 02/12/20 15:00**Client ID:** FB-1700-20200212**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Field Blank**Extraction Method:** EPA 3510C**Analytical Method:** 1,8082A**Extraction Date:** 02/13/20 12:51**Analytical Date:** 02/15/20 11:30**Cleanup Method:** EPA 3665A**Analyst:** HT**Cleanup Date:** 02/13/20**Cleanup Method:** EPA 3660B**Cleanup Date:** 02/14/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-04
 Client ID: RSB-1700-3_0-2
 Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/12/20 15:30
 Date Received: 02/12/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 02/15/20 13:15
 Analyst: AWS
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 02/14/20 14:10
 Cleanup Method: EPA 3665A
 Cleanup Date: 02/14/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 02/15/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.2	3.22	1	A
Aroclor 1221	ND		ug/kg	36.2	3.63	1	A
Aroclor 1232	ND		ug/kg	36.2	7.68	1	A
Aroclor 1242	ND		ug/kg	36.2	4.88	1	A
Aroclor 1248	ND		ug/kg	36.2	5.43	1	A
Aroclor 1254	ND		ug/kg	36.2	3.96	1	A
Aroclor 1260	11.4	J	ug/kg	36.2	6.69	1	B
Aroclor 1262	ND		ug/kg	36.2	4.60	1	A
Aroclor 1268	ND		ug/kg	36.2	3.75	1	A
PCBs, Total	11.4	J	ug/kg	36.2	3.22	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-06
 Client ID: RSB-1700-1_0-2
 Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/12/20 16:30
 Date Received: 02/12/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 02/15/20 14:53
 Analyst: AWS
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 02/14/20 14:10
 Cleanup Method: EPA 3665A
 Cleanup Date: 02/14/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 02/15/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	3.25	1	A
Aroclor 1221	ND		ug/kg	36.6	3.67	1	A
Aroclor 1232	ND		ug/kg	36.6	7.77	1	A
Aroclor 1242	ND		ug/kg	36.6	4.94	1	A
Aroclor 1248	ND		ug/kg	36.6	5.50	1	A
Aroclor 1254	ND		ug/kg	36.6	4.01	1	A
Aroclor 1260	14.1	J	ug/kg	36.6	6.77	1	A
Aroclor 1262	ND		ug/kg	36.6	4.65	1	A
Aroclor 1268	16.5	J	ug/kg	36.6	3.80	1	B
PCBs, Total	30.6	J	ug/kg	36.6	3.25	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	104		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	109		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-07
 Client ID: RSB-1700-3_5-7
 Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/13/20 13:30
 Date Received: 02/13/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 02/18/20 00:22
 Analyst: AWS
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 02/16/20 16:45
 Cleanup Method: EPA 3665A
 Cleanup Date: 02/17/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 02/17/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.4	3.41	1	A
Aroclor 1221	ND		ug/kg	38.4	3.85	1	A
Aroclor 1232	ND		ug/kg	38.4	8.15	1	A
Aroclor 1242	ND		ug/kg	38.4	5.18	1	A
Aroclor 1248	ND		ug/kg	38.4	5.77	1	A
Aroclor 1254	ND		ug/kg	38.4	4.21	1	A
Aroclor 1260	ND		ug/kg	38.4	7.10	1	A
Aroclor 1262	ND		ug/kg	38.4	4.88	1	A
Aroclor 1268	ND		ug/kg	38.4	3.98	1	A
PCBs, Total	ND		ug/kg	38.4	3.41	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-08**Date Collected:** 02/13/20 14:00**Client ID:** RSB-1700-2_5-7**Date Received:** 02/13/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil**Extraction Method:** EPA 3546**Analytical Method:** 1,8082A**Extraction Date:** 02/16/20 16:45**Analytical Date:** 02/18/20 00:29**Cleanup Method:** EPA 3665A**Analyst:** AWS**Cleanup Date:** 02/17/20**Percent Solids:** 86%**Cleanup Method:** EPA 3660B**Cleanup Date:** 02/17/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.7	3.44	1	A
Aroclor 1221	ND		ug/kg	38.7	3.88	1	A
Aroclor 1232	ND		ug/kg	38.7	8.21	1	A
Aroclor 1242	ND		ug/kg	38.7	5.22	1	A
Aroclor 1248	ND		ug/kg	38.7	5.81	1	A
Aroclor 1254	ND		ug/kg	38.7	4.24	1	A
Aroclor 1260	ND		ug/kg	38.7	7.16	1	A
Aroclor 1262	ND		ug/kg	38.7	4.92	1	A
Aroclor 1268	ND		ug/kg	38.7	4.01	1	A
PCBs, Total	ND		ug/kg	38.7	3.44	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	42		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-10
 Client ID: RSB-1700-1_6-8
 Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/14/20 09:45
 Date Received: 02/14/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 02/18/20 00:36
 Analyst: AWS
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 02/16/20 16:45
 Cleanup Method: EPA 3665A
 Cleanup Date: 02/17/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 02/17/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.1	3.29	1	A
Aroclor 1221	ND		ug/kg	37.1	3.72	1	A
Aroclor 1232	ND		ug/kg	37.1	7.86	1	A
Aroclor 1242	ND		ug/kg	37.1	5.00	1	A
Aroclor 1248	ND		ug/kg	37.1	5.56	1	A
Aroclor 1254	ND		ug/kg	37.1	4.06	1	A
Aroclor 1260	ND		ug/kg	37.1	6.85	1	A
Aroclor 1262	ND		ug/kg	37.1	4.71	1	A
Aroclor 1268	ND		ug/kg	37.1	3.84	1	A
PCBs, Total	ND		ug/kg	37.1	3.29	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-11**Date Collected:** 02/14/20 15:00**Client ID:** RMW-1700-1**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water**Extraction Method:** EPA 3510C**Analytical Method:** 1,8082A**Extraction Date:** 02/21/20 16:20**Analytical Date:** 02/21/20 22:06**Cleanup Method:** EPA 3665A**Analyst:** CW**Cleanup Date:** 02/21/20**Cleanup Method:** EPA 3660B**Cleanup Date:** 02/21/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-12**Date Collected:** 02/14/20 12:05**Client ID:** DUP-1700-20200214_002**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water**Extraction Method:** EPA 3510C**Analytical Method:** 1,8082A**Extraction Date:** 02/16/20 10:01**Analytical Date:** 02/17/20 21:14**Cleanup Method:** EPA 3665A**Analyst:** AD**Cleanup Date:** 02/16/20**Cleanup Method:** EPA 3660B**Cleanup Date:** 02/17/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-13**Date Collected:** 02/14/20 16:00**Client ID:** FB-1700-20200214_002**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Field Blank**Extraction Method:** EPA 3510C**Analytical Method:** 1,8082A**Extraction Date:** 02/16/20 10:01**Analytical Date:** 02/17/20 21:28**Cleanup Method:** EPA 3665A**Analyst:** AD**Cleanup Date:** 02/16/20**Cleanup Method:** EPA 3660B**Cleanup Date:** 02/17/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-15**Date Collected:** 02/17/20 09:00**Client ID:** B-4**Date Received:** 02/17/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water**Extraction Method:** EPA 3510C**Analytical Method:** 1,8082A**Extraction Date:** 02/19/20 05:27**Analytical Date:** 02/19/20 18:39**Cleanup Method:** EPA 3665A**Analyst:** AD**Cleanup Date:** 02/19/20**Cleanup Method:** EPA 3660B**Cleanup Date:** 02/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/13/20 14:06
Analyst: AWS

Extraction Method: EPA 3510C
Extraction Date: 02/12/20 19:53
Cleanup Method: EPA 3665A
Cleanup Date: 02/13/20
Cleanup Method: EPA 3660B
Cleanup Date: 02/13/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03 Batch: WG1340131-1						
Aroclor 1016	ND		ug/l	0.083	0.034	A
Aroclor 1221	ND		ug/l	0.083	0.067	A
Aroclor 1232	ND		ug/l	0.083	0.046	A
Aroclor 1242	ND		ug/l	0.083	0.039	A
Aroclor 1248	ND		ug/l	0.083	0.049	A
Aroclor 1254	ND		ug/l	0.083	0.039	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.035	A
Aroclor 1268	ND		ug/l	0.083	0.034	A
PCBs, Total	ND		ug/l	0.083	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 02/15/20 12:02
 Analyst: HT

Extraction Method: EPA 3546
 Extraction Date: 02/14/20 14:10
 Cleanup Method: EPA 3665A
 Cleanup Date: 02/14/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 02/15/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02,04,06 Batch: WG1340886-1						
Aroclor 1016	ND		ug/kg	31.9	2.83	A
Aroclor 1221	ND		ug/kg	31.9	3.19	A
Aroclor 1232	ND		ug/kg	31.9	6.76	A
Aroclor 1242	ND		ug/kg	31.9	4.30	A
Aroclor 1248	ND		ug/kg	31.9	4.78	A
Aroclor 1254	ND		ug/kg	31.9	3.49	A
Aroclor 1260	ND		ug/kg	31.9	5.89	A
Aroclor 1262	ND		ug/kg	31.9	4.05	A
Aroclor 1268	ND		ug/kg	31.9	3.30	A
PCBs, Total	ND		ug/kg	31.9	2.83	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/16/20 14:27
Analyst: HT

Extraction Method: EPA 3546
Extraction Date: 02/15/20 16:12
Cleanup Method: EPA 3665A
Cleanup Date: 02/15/20
Cleanup Method: EPA 3660B
Cleanup Date: 02/15/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 07-08,10 Batch: WG1341161-1						
Aroclor 1016	ND		ug/kg	31.6	2.80	A
Aroclor 1221	ND		ug/kg	31.6	3.16	A
Aroclor 1232	ND		ug/kg	31.6	6.69	A
Aroclor 1242	ND		ug/kg	31.6	4.26	A
Aroclor 1248	ND		ug/kg	31.6	4.73	A
Aroclor 1254	ND		ug/kg	31.6	3.45	A
Aroclor 1260	ND		ug/kg	31.6	5.83	A
Aroclor 1262	ND		ug/kg	31.6	4.01	A
Aroclor 1268	ND		ug/kg	31.6	3.27	A
PCBs, Total	ND		ug/kg	31.6	2.80	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 02/17/20 23:03
 Analyst: AWS

Extraction Method: EPA 3510C
 Extraction Date: 02/16/20 01:24
 Cleanup Method: EPA 3665A
 Cleanup Date: 02/16/20
 Cleanup Method: EPA 3660B
 Cleanup Date: 02/17/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 12-13 Batch: WG1341193-1						
Aroclor 1016	ND		ug/l	0.083	0.034	A
Aroclor 1221	ND		ug/l	0.083	0.067	A
Aroclor 1232	ND		ug/l	0.083	0.046	A
Aroclor 1242	ND		ug/l	0.083	0.039	A
Aroclor 1254	ND		ug/l	0.083	0.039	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.035	A
Aroclor 1268	ND		ug/l	0.083	0.034	A
Aroclor 1248	ND		ug/l	0.083	0.049	B
PCBs, Total	ND		ug/l	0.083	0.032	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/19/20 20:01
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 02/19/20 05:27
Cleanup Method: EPA 3665A
Cleanup Date: 02/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 02/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 15 Batch: WG1342097-1						
Aroclor 1016	ND		ug/l	0.083	0.034	A
Aroclor 1221	ND		ug/l	0.083	0.067	A
Aroclor 1232	ND		ug/l	0.083	0.046	A
Aroclor 1242	ND		ug/l	0.083	0.039	A
Aroclor 1248	ND		ug/l	0.083	0.049	A
Aroclor 1254	ND		ug/l	0.083	0.039	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.035	A
Aroclor 1268	ND		ug/l	0.083	0.034	A
PCBs, Total	ND		ug/l	0.083	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/22/20 11:14
Analyst: CW

Extraction Method: EPA 3510C
Extraction Date: 02/21/20 16:20
Cleanup Method: EPA 3665A
Cleanup Date: 02/21/20
Cleanup Method: EPA 3660B
Cleanup Date: 02/21/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 11 Batch: WG1343256-1						
Aroclor 1016	ND		ug/l	0.083	0.034	A
Aroclor 1221	ND		ug/l	0.083	0.067	A
Aroclor 1232	ND		ug/l	0.083	0.046	A
Aroclor 1242	ND		ug/l	0.083	0.039	A
Aroclor 1248	ND		ug/l	0.083	0.049	A
Aroclor 1254	ND		ug/l	0.083	0.039	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.035	A
Aroclor 1268	ND		ug/l	0.083	0.034	A
PCBs, Total	ND		ug/l	0.083	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	30		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	44		30-150	B
Decachlorobiphenyl	54		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03 Batch: WG1340131-2 WG1340131-3									
Aroclor 1016	60		59		40-140	1		50	A
Aroclor 1260	56		50		40-140	11		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		54		30-150	A
Decachlorobiphenyl	55		51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		52		30-150	B
Decachlorobiphenyl	67		61		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02,04,06 Batch: WG1340886-2 WG1340886-3									
Aroclor 1016	82		57		40-140	36		50	A
Aroclor 1260	69		45		40-140	42		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		58		30-150	A
Decachlorobiphenyl	75		50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		57		30-150	B
Decachlorobiphenyl	80		54		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 07-08,10 Batch: WG1341161-2 WG1341161-3									
Aroclor 1016	71		74		40-140	4		50	A
Aroclor 1260	74		79		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		76		30-150	A
Decachlorobiphenyl	71		74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		77		30-150	B
Decachlorobiphenyl	78		83		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 12-13 Batch: WG1341193-2 WG1341193-3									
Aroclor 1016	75		51		40-140	37		50	A
Aroclor 1260	66		48		40-140	31		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		49		30-150	A
Decachlorobiphenyl	69		49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		50		30-150	B
Decachlorobiphenyl	82		59		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 15 Batch: WG1342097-2 WG1342097-3									
Aroclor 1016	80		86		40-140	7		50	A
Aroclor 1260	73		76		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		83		30-150	A
Decachlorobiphenyl	71		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		82		30-150	B
Decachlorobiphenyl	87		94		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 11 Batch: WG1343256-2 WG1343256-3									
Aroclor 1016	73		71		40-140	2		50	A
Aroclor 1260	64		60		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		79		30-150	A
Decachlorobiphenyl	76		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		78		30-150	B
Decachlorobiphenyl	88		88		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02,04,06 QC Batch ID: WG1340886-6 WG1340886-7 QC Sample: L2006439-04 Client ID: RSB-1700-3_0-2													
Aroclor 1016	ND	228	149	65		154	67		40-140	3		50	A
Aroclor 1260	11.4J	228	168	74		181	79		40-140	7		50	B

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		69		30-150	A
Decachlorobiphenyl	82		88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		73		30-150	B
Decachlorobiphenyl	90		96		30-150	B

Matrix Spike Analysis**Batch Quality Control****Project Name:** 1700 PARK AVENUE**Project Number:** 3482.0001Y**Lab Number:** L2006439**Report Date:** 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 15 QC Batch ID: WG1342097-6 WG1342097-7 QC Sample: L2006439-15 Client ID: B-4													
Aroclor 1016	ND	1.78	1.87	105		1.54	86		40-140	19		50	A
Aroclor 1260	ND	1.78	1.69	95		1.44	81		40-140	16		50	A

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		84		30-150	A
Decachlorobiphenyl	103		84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		82		30-150	B
Decachlorobiphenyl	119		95		30-150	B

PESTICIDES

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-01
 Client ID: RSB-1700-2_0-2
 Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/12/20 11:30
 Date Received: 02/12/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 02/18/20 12:22
 Analyst: JMC
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 02/14/20 19:33
 Cleanup Method: EPA 3620B
 Cleanup Date: 02/15/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	A
Lindane	ND		ug/kg	0.754	0.337	1	A
Alpha-BHC	ND		ug/kg	0.754	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.686	1	A
Heptachlor	ND		ug/kg	0.905	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.637	1	A
Heptachlor epoxide	ND		ug/kg	3.39	1.02	1	A
Endrin	ND		ug/kg	0.754	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.792	1	A
Endrin ketone	ND		ug/kg	1.81	0.466	1	A
Dieldrin	10.8		ug/kg	1.13	0.565	1	A
4,4'-DDE	12.7		ug/kg	1.81	0.418	1	B
4,4'-DDD	0.846	J	ug/kg	1.81	0.645	1	B
4,4'-DDT	18.6		ug/kg	3.39	1.45	1	B
Endosulfan I	ND		ug/kg	1.81	0.427	1	A
Endosulfan II	ND		ug/kg	1.81	0.604	1	A
Endosulfan sulfate	ND		ug/kg	0.754	0.359	1	A
Methoxychlor	ND		ug/kg	3.39	1.06	1	A
Toxaphene	ND		ug/kg	33.9	9.50	1	A
cis-Chlordane	5.27		ug/kg	2.26	0.630	1	B
trans-Chlordane	5.01	IP	ug/kg	2.26	0.597	1	A
Chlordane	ND		ug/kg	15.1	5.99	1	A

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-01

Date Collected: 02/12/20 11:30

Client ID: RSB-1700-2_0-2

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-01

Date Collected: 02/12/20 11:30

Client ID: RSB-1700-2_0-2

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 02/14/20 00:57

Analytical Date: 02/16/20 19:36

Analyst: JMC

Percent Solids: 87%

Methylation Date: 02/15/20 06:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	186	11.7	1	A
2,4,5-T	ND		ug/kg	186	5.75	1	A
2,4,5-TP (Silvex)	ND		ug/kg	186	4.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	90		30-150	A
DCAA	83		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-02**Date Collected:** 02/12/20 12:00**Client ID:** DUP-1700-20200212**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil**Extraction Method:** EPA 3546**Analytical Method:** 1,8081B**Extraction Date:** 02/14/20 19:33**Analytical Date:** 02/18/20 12:33**Cleanup Method:** EPA 3620B**Analyst:** JMC**Cleanup Date:** 02/15/20**Percent Solids:** 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.739	0.330	1	A
Alpha-BHC	ND		ug/kg	0.739	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.672	1	A
Heptachlor	ND		ug/kg	0.887	0.398	1	A
Aldrin	ND		ug/kg	1.77	0.624	1	A
Heptachlor epoxide	ND		ug/kg	3.32	0.998	1	A
Endrin	ND		ug/kg	0.739	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.776	1	A
Endrin ketone	ND		ug/kg	1.77	0.457	1	A
Dieldrin	13.4		ug/kg	1.11	0.554	1	A
4,4'-DDE	14.6		ug/kg	1.77	0.410	1	B
4,4'-DDD	1.13	J	ug/kg	1.77	0.633	1	B
4,4'-DDT	21.1		ug/kg	3.32	1.43	1	B
Endosulfan I	ND		ug/kg	1.77	0.419	1	A
Endosulfan II	ND		ug/kg	1.77	0.593	1	A
Endosulfan sulfate	ND		ug/kg	0.739	0.352	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.31	1	A
cis-Chlordane	6.02		ug/kg	2.22	0.618	1	B
trans-Chlordane	5.92	IP	ug/kg	2.22	0.585	1	A
Chlordane	ND		ug/kg	14.8	5.88	1	A

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-02**Date Collected:** 02/12/20 12:00**Client ID:** DUP-1700-20200212**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-02

Date Collected: 02/12/20 12:00

Client ID: DUP-1700-20200212

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 02/14/20 00:57

Analytical Date: 02/16/20 19:54

Analyst: JMC

Percent Solids: 87%

Methylation Date: 02/15/20 06:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	190	12.0	1	A
2,4,5-T	ND		ug/kg	190	5.90	1	A
2,4,5-TP (Silvex)	ND		ug/kg	190	5.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	77		30-150	A
DCAA	64		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-03**Date Collected:** 02/12/20 15:00**Client ID:** FB-1700-20200212**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Field Blank**Extraction Method:** EPA 3510C**Analytical Method:** 1,8081B**Extraction Date:** 02/13/20 21:57**Analytical Date:** 02/14/20 16:25**Analyst:** SL

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-03**Date Collected:** 02/12/20 15:00**Client ID:** FB-1700-20200212**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	43		30-150	B
Decachlorobiphenyl	38		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-03

Date Collected: 02/12/20 15:00

Client ID: FB-1700-20200212

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 02/17/20 19:16

Analytical Date: 02/19/20 15:47

Analyst: JMC

Methylation Date: 02/18/20 09:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	93		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-04

Date Collected: 02/12/20 15:30

Client ID: RSB-1700-3_0-2

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 02/17/20 18:31

Analytical Date: 02/18/20 13:52

Analyst: JMC

Percent Solids: 89%

Methylation Date: 02/18/20 09:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	185	11.7	1	A
2,4,5-T	ND		ug/kg	185	5.74	1	A
2,4,5-TP (Silvex)	ND		ug/kg	185	4.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	61		30-150	A
DCAA	56		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-04 D
 Client ID: RSB-1700-3_0-2
 Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/12/20 15:30
 Date Received: 02/12/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 02/18/20 11:48
 Analyst: JMC
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 02/14/20 19:33
 Cleanup Method: EPA 3620B
 Cleanup Date: 02/15/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	8.47	1.66	5	A
Lindane	ND		ug/kg	3.53	1.58	5	A
Alpha-BHC	ND		ug/kg	3.53	1.00	5	A
Beta-BHC	ND		ug/kg	8.47	3.21	5	A
Heptachlor	ND		ug/kg	4.24	1.90	5	A
Aldrin	ND		ug/kg	8.47	2.98	5	A
Heptachlor epoxide	ND		ug/kg	15.9	4.77	5	A
Endrin	ND		ug/kg	3.53	1.45	5	A
Endrin aldehyde	ND		ug/kg	10.6	3.71	5	A
Endrin ketone	ND		ug/kg	8.47	2.18	5	A
Dieldrin	4.22	J	ug/kg	5.30	2.65	5	A
4,4'-DDE	ND		ug/kg	8.47	1.96	5	A
4,4'-DDD	ND		ug/kg	8.47	3.02	5	A
4,4'-DDT	7.64	J	ug/kg	15.9	6.81	5	B
Endosulfan I	ND		ug/kg	8.47	2.00	5	A
Endosulfan II	ND		ug/kg	8.47	2.83	5	A
Endosulfan sulfate	ND		ug/kg	3.53	1.68	5	A
Methoxychlor	ND		ug/kg	15.9	4.94	5	A
Toxaphene	ND		ug/kg	159	44.5	5	A
cis-Chlordane	ND		ug/kg	10.6	2.95	5	A
trans-Chlordane	ND		ug/kg	10.6	2.80	5	A
Chlordane	ND		ug/kg	70.6	28.1	5	A

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-04 D

Date Collected: 02/12/20 15:30

Client ID: RSB-1700-3_0-2

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-06
 Client ID: RSB-1700-1_0-2
 Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/12/20 16:30
 Date Received: 02/12/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 02/18/20 12:44
 Analyst: JMC
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 02/14/20 19:33
 Cleanup Method: EPA 3620B
 Cleanup Date: 02/15/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.739	0.330	1	A
Alpha-BHC	ND		ug/kg	0.739	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.672	1	A
Heptachlor	ND		ug/kg	0.886	0.397	1	A
Aldrin	ND		ug/kg	1.77	0.624	1	A
Heptachlor epoxide	ND		ug/kg	3.32	0.997	1	A
Endrin	ND		ug/kg	0.739	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.776	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	4.21		ug/kg	1.11	0.554	1	A
4,4'-DDE	7.32		ug/kg	1.77	0.410	1	B
4,4'-DDD	ND		ug/kg	1.77	0.632	1	A
4,4'-DDT	17.0		ug/kg	3.32	1.42	1	B
Endosulfan I	ND		ug/kg	1.77	0.419	1	A
Endosulfan II	ND		ug/kg	1.77	0.592	1	A
Endosulfan sulfate	ND		ug/kg	0.739	0.352	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.31	1	A
cis-Chlordane	2.89		ug/kg	2.22	0.618	1	B
trans-Chlordane	2.91	IP	ug/kg	2.22	0.585	1	A
Chlordane	ND		ug/kg	14.8	5.87	1	A

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-06**Date Collected:** 02/12/20 16:30**Client ID:** RSB-1700-1_0-2**Date Received:** 02/12/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	103		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-06

Date Collected: 02/12/20 16:30

Client ID: RSB-1700-1_0-2

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 02/14/20 00:57

Analytical Date: 02/16/20 20:12

Analyst: JMC

Percent Solids: 87%

Methylation Date: 02/15/20 06:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	188	11.8	1	A
2,4,5-T	ND		ug/kg	188	5.83	1	A
2,4,5-TP (Silvex)	ND		ug/kg	188	5.00	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	78		30-150	A
DCAA	75		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-07
 Client ID: RSB-1700-3_5-7
 Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/13/20 13:30
 Date Received: 02/13/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 02/19/20 11:38
 Analyst: BM
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 02/16/20 18:17
 Cleanup Method: EPA 3620B
 Cleanup Date: 02/17/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.360	1	A
Lindane	ND		ug/kg	0.765	0.342	1	A
Alpha-BHC	ND		ug/kg	0.765	0.217	1	A
Beta-BHC	ND		ug/kg	1.84	0.696	1	A
Heptachlor	ND		ug/kg	0.918	0.412	1	A
Aldrin	ND		ug/kg	1.84	0.647	1	A
Heptachlor epoxide	ND		ug/kg	3.44	1.03	1	A
Endrin	ND		ug/kg	0.765	0.314	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.804	1	A
Endrin ketone	ND		ug/kg	1.84	0.473	1	A
Dieldrin	0.730	J	ug/kg	1.15	0.574	1	A
4,4'-DDE	1.26	J	ug/kg	1.84	0.425	1	A
4,4'-DDD	ND		ug/kg	1.84	0.655	1	A
4,4'-DDT	2.34	J	ug/kg	3.44	1.48	1	B
Endosulfan I	ND		ug/kg	1.84	0.434	1	A
Endosulfan II	ND		ug/kg	1.84	0.614	1	A
Endosulfan sulfate	ND		ug/kg	0.765	0.364	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.64	1	A
cis-Chlordane	ND	IP	ug/kg	2.30	0.640	1	B
trans-Chlordane	ND		ug/kg	2.30	0.606	1	A
Chlordane	ND		ug/kg	15.3	6.08	1	A

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-07**Date Collected:** 02/13/20 13:30**Client ID:** RSB-1700-3_5-7**Date Received:** 02/13/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		30-150	A
Decachlorobiphenyl	101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	118		30-150	B
Decachlorobiphenyl	115		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-07

Date Collected: 02/13/20 13:30

Client ID: RSB-1700-3_5-7

Date Received: 02/13/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 02/18/20 13:11

Analytical Date: 02/20/20 15:22

Analyst: JMC

Percent Solids: 86%

Methylation Date: 02/19/20 17:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	195	12.3	1	A
2,4,5-T	ND		ug/kg	195	6.03	1	A
2,4,5-TP (Silvex)	ND		ug/kg	195	5.18	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	72		30-150	A
DCAA	66		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-08
 Client ID: RSB-1700-2_5-7
 Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/13/20 14:00
 Date Received: 02/13/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 02/19/20 11:51
 Analyst: BM
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 02/16/20 18:17
 Cleanup Method: EPA 3620B
 Cleanup Date: 02/17/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.364	1	A
Lindane	ND		ug/kg	0.774	0.346	1	A
Alpha-BHC	ND		ug/kg	0.774	0.220	1	A
Beta-BHC	ND		ug/kg	1.86	0.704	1	A
Heptachlor	ND		ug/kg	0.928	0.416	1	A
Aldrin	ND		ug/kg	1.86	0.654	1	A
Heptachlor epoxide	ND		ug/kg	3.48	1.04	1	A
Endrin	ND		ug/kg	0.774	0.317	1	A
Endrin aldehyde	ND		ug/kg	2.32	0.812	1	A
Endrin ketone	ND		ug/kg	1.86	0.478	1	A
Dieldrin	ND		ug/kg	1.16	0.580	1	A
4,4'-DDE	2.24		ug/kg	1.86	0.429	1	A
4,4'-DDD	2.40		ug/kg	1.86	0.662	1	A
4,4'-DDT	9.00		ug/kg	3.48	1.49	1	A
Endosulfan I	ND		ug/kg	1.86	0.439	1	A
Endosulfan II	ND		ug/kg	1.86	0.620	1	A
Endosulfan sulfate	ND		ug/kg	0.774	0.368	1	A
Methoxychlor	ND		ug/kg	3.48	1.08	1	A
Toxaphene	ND		ug/kg	34.8	9.75	1	A
cis-Chlordane	ND	IP	ug/kg	2.32	0.647	1	B
trans-Chlordane	1.04	JIP	ug/kg	2.32	0.613	1	A
Chlordane	ND		ug/kg	15.5	6.15	1	A

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-08**Date Collected:** 02/13/20 14:00**Client ID:** RSB-1700-2_5-7**Date Received:** 02/13/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-08

Date Collected: 02/13/20 14:00

Client ID: RSB-1700-2_5-7

Date Received: 02/13/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 02/18/20 13:11

Analytical Date: 02/20/20 15:41

Analyst: JMC

Percent Solids: 86%

Methylation Date: 02/19/20 17:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	191	12.0	1	A
2,4,5-T	ND		ug/kg	191	5.91	1	A
2,4,5-TP (Silvex)	ND		ug/kg	191	5.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	84		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-10
 Client ID: RSB-1700-1_6-8
 Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/14/20 09:45
 Date Received: 02/14/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 02/19/20 17:23
 Analyst: JMC
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 02/16/20 18:17
 Cleanup Method: EPA 3620B
 Cleanup Date: 02/17/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.712	0.318	1	A
Alpha-BHC	ND		ug/kg	0.712	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.648	1	A
Heptachlor	ND		ug/kg	0.854	0.383	1	A
Aldrin	ND		ug/kg	1.71	0.602	1	A
Heptachlor epoxide	ND		ug/kg	3.20	0.961	1	A
Endrin	ND		ug/kg	0.712	0.292	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.748	1	A
Endrin ketone	ND		ug/kg	1.71	0.440	1	A
Dieldrin	ND		ug/kg	1.07	0.534	1	A
4,4'-DDE	ND		ug/kg	1.71	0.395	1	A
4,4'-DDD	ND		ug/kg	1.71	0.609	1	A
4,4'-DDT	ND		ug/kg	3.20	1.37	1	A
Endosulfan I	ND		ug/kg	1.71	0.404	1	A
Endosulfan II	ND		ug/kg	1.71	0.571	1	A
Endosulfan sulfate	ND		ug/kg	0.712	0.339	1	A
Methoxychlor	ND		ug/kg	3.20	0.997	1	A
Toxaphene	ND		ug/kg	32.0	8.97	1	A
cis-Chlordane	ND		ug/kg	2.14	0.595	1	A
trans-Chlordane	ND		ug/kg	2.14	0.564	1	A
Chlordane	ND		ug/kg	14.2	5.66	1	A

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-10**Date Collected:** 02/14/20 09:45**Client ID:** RSB-1700-1_6-8**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-10

Date Collected: 02/14/20 09:45

Client ID: RSB-1700-1_6-8

Date Received: 02/14/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 02/18/20 13:11

Analytical Date: 02/20/20 15:59

Analyst: JMC

Percent Solids: 88%

Methylation Date: 02/19/20 20:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	186	11.7	1	A
2,4,5-T	ND		ug/kg	186	5.76	1	A
2,4,5-TP (Silvex)	ND		ug/kg	186	4.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	99		30-150	A
DCAA	88		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-11

Date Collected: 02/14/20 15:00

Client ID: RMW-1700-1

Date Received: 02/14/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8081B

Extraction Date: 02/16/20 10:09

Analytical Date: 02/19/20 12:28

Analyst: JMC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-11**Date Collected:** 02/14/20 15:00**Client ID:** RMW-1700-1**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-11

Date Collected: 02/14/20 15:00

Client ID: RMW-1700-1

Date Received: 02/14/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 02/17/20 07:39

Analytical Date: 02/19/20 16:05

Analyst: JMC

Methylation Date: 02/18/20 09:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	78		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-12**Date Collected:** 02/14/20 12:05**Client ID:** DUP-1700-20200214_002**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water**Extraction Method:** EPA 3510C**Analytical Method:** 1,8081B**Extraction Date:** 02/16/20 10:09**Analytical Date:** 02/19/20 12:41**Analyst:** JMC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-12**Date Collected:** 02/14/20 12:05**Client ID:** DUP-1700-20200214_002**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-12

Date Collected: 02/14/20 12:05

Client ID: DUP-1700-20200214_002

Date Received: 02/14/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 02/17/20 07:39

Analytical Date: 02/19/20 16:23

Analyst: JMC

Methylation Date: 02/18/20 09:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	79		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-13

Date Collected: 02/14/20 16:00

Client ID: FB-1700-20200214_002

Date Received: 02/14/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Extraction Method: EPA 3510C

Analytical Method: 1,8081B

Extraction Date: 02/16/20 10:09

Analytical Date: 02/19/20 12:54

Analyst: BM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-13**Date Collected:** 02/14/20 16:00**Client ID:** FB-1700-20200214_002**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-13

Date Collected: 02/14/20 16:00

Client ID: FB-1700-20200214_002

Date Received: 02/14/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 02/17/20 07:39

Analytical Date: 02/19/20 16:42

Analyst: JMC

Methylation Date: 02/18/20 09:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	103		30-150	A
DCAA	97		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-15

Date Collected: 02/17/20 09:00

Client ID: B-4

Date Received: 02/17/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8081B

Extraction Date: 02/19/20 12:47

Analytical Date: 02/20/20 09:51

Analyst: BM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	0.012	J	ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-15**Date Collected:** 02/17/20 09:00**Client ID:** B-4**Date Received:** 02/17/20**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-15

Date Collected: 02/17/20 09:00

Client ID: B-4

Date Received: 02/17/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 8151A

Analytical Method: 1,8151A

Extraction Date: 02/18/20 15:53

Analytical Date: 02/19/20 19:52

Analyst: JMC

Methylation Date: 02/19/20 05:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column

Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	76		30-150	B

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/15/20 00:47
Analyst: SL

Extraction Method: EPA 3510C
Extraction Date: 02/13/20 21:31

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1340595-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 02/15/20 00:47
 Analyst: SL

Extraction Method: EPA 3510C
 Extraction Date: 02/13/20 21:31

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1340595-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 02/16/20 14:06
Analyst: JMC

Extraction Method: EPA 8151A
Extraction Date: 02/14/20 00:34

Methylation Date: 02/15/20 06:27

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02,06 Batch: WG1340619-1						
2,4-D	ND		ug/kg	165	10.4	A
2,4,5-T	ND		ug/kg	165	5.12	A
2,4,5-TP (Silvex)	ND		ug/kg	165	4.39	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	92		30-150	B

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/17/20 22:14
Analyst: JMC

Extraction Method: EPA 3546
Extraction Date: 02/14/20 19:33
Cleanup Method: EPA 3620B
Cleanup Date: 02/15/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,04,06 Batch: WG1340975-1						
Delta-BHC	ND		ug/kg	1.51	0.296	A
Lindane	ND		ug/kg	0.630	0.281	A
Alpha-BHC	ND		ug/kg	0.630	0.179	A
Beta-BHC	ND		ug/kg	1.51	0.573	A
Heptachlor	ND		ug/kg	0.756	0.339	A
Aldrin	ND		ug/kg	1.51	0.532	A
Heptachlor epoxide	ND		ug/kg	2.83	0.850	A
Endrin	ND		ug/kg	0.630	0.258	A
Endrin aldehyde	ND		ug/kg	1.89	0.661	A
Endrin ketone	ND		ug/kg	1.51	0.389	A
Dieldrin	ND		ug/kg	0.944	0.472	A
4,4'-DDE	ND		ug/kg	1.51	0.349	A
4,4'-DDD	ND		ug/kg	1.51	0.539	A
4,4'-DDT	ND		ug/kg	2.83	1.22	A
Endosulfan I	ND		ug/kg	1.51	0.357	A
Endosulfan II	ND		ug/kg	1.51	0.505	A
Endosulfan sulfate	ND		ug/kg	0.630	0.300	A
Methoxychlor	ND		ug/kg	2.83	0.882	A
Toxaphene	ND		ug/kg	28.3	7.93	A
cis-Chlordane	ND		ug/kg	1.89	0.526	A
trans-Chlordane	ND		ug/kg	1.89	0.499	A
Chlordane	ND		ug/kg	12.6	5.01	A

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 02/17/20 22:14
 Analyst: JMC

Extraction Method: EPA 3546
 Extraction Date: 02/14/20 19:33
 Cleanup Method: EPA 3620B
 Cleanup Date: 02/15/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,04,06 Batch: WG1340975-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	125		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	134		30-150	B

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/19/20 01:26
Analyst: BM

Extraction Method: EPA 3510C
Extraction Date: 02/16/20 05:03

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 11-13 Batch: WG1341204-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 02/19/20 01:26
 Analyst: BM

Extraction Method: EPA 3510C
 Extraction Date: 02/16/20 05:03

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 11-13 Batch: WG1341204-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/19/20 12:54
Analyst: SM

Extraction Method: EPA 3546
Extraction Date: 02/16/20 18:17
Cleanup Method: EPA 3620B
Cleanup Date: 02/17/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 07-08,10 Batch: WG1341274-1						
Delta-BHC	ND		ug/kg	1.53	0.300	A
Lindane	ND		ug/kg	0.638	0.285	A
Alpha-BHC	ND		ug/kg	0.638	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.580	A
Heptachlor	ND		ug/kg	0.765	0.343	A
Aldrin	ND		ug/kg	1.53	0.539	A
Heptachlor epoxide	ND		ug/kg	2.87	0.861	A
Endrin	ND		ug/kg	0.638	0.261	A
Endrin aldehyde	ND		ug/kg	1.91	0.670	A
Endrin ketone	ND		ug/kg	1.53	0.394	A
Dieldrin	ND		ug/kg	0.957	0.478	A
4,4'-DDE	ND		ug/kg	1.53	0.354	A
4,4'-DDD	ND		ug/kg	1.53	0.546	A
4,4'-DDT	ND		ug/kg	2.87	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.362	A
Endosulfan II	ND		ug/kg	1.53	0.511	A
Endosulfan sulfate	ND		ug/kg	0.638	0.304	A
Methoxychlor	ND		ug/kg	2.87	0.893	A
Toxaphene	ND		ug/kg	28.7	8.04	A
cis-Chlordane	ND		ug/kg	1.91	0.533	A
trans-Chlordane	ND		ug/kg	1.91	0.505	A
Chlordane	ND		ug/kg	12.8	5.07	A

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 02/19/20 12:54
 Analyst: SM

Extraction Method: EPA 3546
 Extraction Date: 02/16/20 18:17
 Cleanup Method: EPA 3620B
 Cleanup Date: 02/17/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 07-08,10 Batch: WG1341274-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	106		30-150	A
Decachlorobiphenyl	120		30-150	A
2,4,5,6-Tetrachloro-m-xylene	123		30-150	B
Decachlorobiphenyl	113		30-150	B

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 02/19/20 13:34
Analyst: JMC

Extraction Method: EPA 8151A
Extraction Date: 02/17/20 07:39

Methylation Date: 02/18/20 09:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 03,11-13 Batch: WG1341339-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	91		30-150	B

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 02/17/20 21:20
Analyst: JMC

Extraction Method: EPA 8151A
Extraction Date: 02/17/20 12:11

Methylation Date: 02/17/20 20:27

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 04 Batch: WG1341448-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.03	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.32	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	59		30-150	A
DCAA	61		30-150	B

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 02/19/20 10:57
Analyst: JMC

Extraction Method: EPA 8151A
Extraction Date: 02/18/20 13:11

Methylation Date: 02/19/20 08:33

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 07-08,10 Batch: WG1341848-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.30	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	93		30-150	B

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 02/19/20 17:26
Analyst: JMC

Extraction Method: EPA 8151A
Extraction Date: 02/18/20 15:53

Methylation Date: 02/19/20 05:57

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 15 Batch: WG1341925-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	103		30-150	A
DCAA	88		30-150	B

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/20/20 08:34
Analyst: BM

Extraction Method: EPA 3510C
Extraction Date: 02/19/20 12:47

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 15 Batch: WG1342278-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 02/20/20 08:34
 Analyst: BM

Extraction Method: EPA 3510C
 Extraction Date: 02/19/20 12:47

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 15 Batch: WG1342278-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	50		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1340595-2 WG1340595-3									
Delta-BHC	80		87		30-150	8		20	A
Lindane	75		81		30-150	8		20	A
Alpha-BHC	80		89		30-150	11		20	A
Beta-BHC	73		79		30-150	8		20	A
Heptachlor	75		80		30-150	7		20	A
Aldrin	75		82		30-150	8		20	A
Heptachlor epoxide	78		83		30-150	7		20	A
Endrin	79		82		30-150	4		20	A
Endrin aldehyde	66		70		30-150	5		20	A
Endrin ketone	80		85		30-150	6		20	A
Dieldrin	81		87		30-150	7		20	A
4,4'-DDE	78		83		30-150	7		20	A
4,4'-DDD	78		83		30-150	6		20	A
4,4'-DDT	77		82		30-150	5		20	A
Endosulfan I	73		78		30-150	7		20	A
Endosulfan II	76		80		30-150	5		20	A
Endosulfan sulfate	74		78		30-150	5		20	A
Methoxychlor	72		75		30-150	5		20	A
cis-Chlordane	72		77		30-150	7		20	A
trans-Chlordane	75		80		30-150	7		20	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1340595-2 WG1340595-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		81		30-150	A
Decachlorobiphenyl	66		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		89		30-150	B
Decachlorobiphenyl	88		93		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,06 Batch: WG1340619-2 WG1340619-3									
2,4-D	67		82		30-150	20		30	A
2,4,5-T	62		66		30-150	6		30	A
2,4,5-TP (Silvex)	47		55		30-150	16		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	76		78		30-150	A
DCAA	81		82		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,04,06 Batch: WG1340975-2 WG1340975-3									
Delta-BHC	71		70		30-150	1		30	A
Lindane	76		75		30-150	1		30	A
Alpha-BHC	79		76		30-150	4		30	A
Beta-BHC	70		70		30-150	0		30	A
Heptachlor	74		67		30-150	10		30	A
Aldrin	82		69		30-150	17		30	A
Heptachlor epoxide	75		76		30-150	1		30	A
Endrin	83		83		30-150	0		30	A
Endrin aldehyde	46		47		30-150	2		30	A
Endrin ketone	62		63		30-150	2		30	A
Dieldrin	80		79		30-150	1		30	A
4,4'-DDE	75		74		30-150	1		30	A
4,4'-DDD	80		78		30-150	3		30	A
4,4'-DDT	90		90		30-150	0		30	A
Endosulfan I	71		70		30-150	1		30	A
Endosulfan II	70		70		30-150	0		30	A
Endosulfan sulfate	49		51		30-150	4		30	A
Methoxychlor	96		94		30-150	2		30	A
cis-Chlordane	62		59		30-150	5		30	A
trans-Chlordane	79		77		30-150	3		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,04,06 Batch: WG1340975-2 WG1340975-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		86		30-150	A
Decachlorobiphenyl	120		118		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		92		30-150	B
Decachlorobiphenyl	115		117		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11-13 Batch: WG1341204-2 WG1341204-3									
Delta-BHC	66		92		30-150	33	Q	20	A
Lindane	65		91		30-150	34	Q	20	A
Alpha-BHC	66		95		30-150	35	Q	20	A
Beta-BHC	63		91		30-150	36	Q	20	A
Heptachlor	64		89		30-150	34	Q	20	A
Aldrin	60		87		30-150	37	Q	20	A
Heptachlor epoxide	63		93		30-150	38	Q	20	A
Endrin	63		92		30-150	38	Q	20	A
Endrin aldehyde	51		76		30-150	39	Q	20	A
Endrin ketone	62		90		30-150	36	Q	20	A
Dieldrin	66		97		30-150	38	Q	20	A
4,4'-DDE	61		91		30-150	39	Q	20	A
4,4'-DDD	61		93		30-150	41	Q	20	A
4,4'-DDT	60		92		30-150	42	Q	20	A
Endosulfan I	58		87		30-150	40	Q	20	A
Endosulfan II	74		98		30-150	28	Q	20	A
Endosulfan sulfate	60		80		30-150	29	Q	20	A
Methoxychlor	57		82		30-150	37	Q	20	A
cis-Chlordane	56		84		30-150	40	Q	20	A
trans-Chlordane	61		88		30-150	37	Q	20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11-13 Batch: WG1341204-2 WG1341204-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		84		30-150	A
Decachlorobiphenyl	50		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		82		30-150	B
Decachlorobiphenyl	62		99		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07-08,10 Batch: WG1341274-2 WG1341274-3									
Delta-BHC	97		108		30-150	11		30	A
Lindane	94		103		30-150	9		30	A
Alpha-BHC	96		106		30-150	10		30	A
Beta-BHC	87		96		30-150	10		30	A
Heptachlor	66		76		30-150	14		30	A
Aldrin	87		95		30-150	9		30	A
Heptachlor epoxide	95		103		30-150	8		30	A
Endrin	95		106		30-150	11		30	A
Endrin aldehyde	68		78		30-150	14		30	A
Endrin ketone	73		84		30-150	14		30	A
Dieldrin	95		104		30-150	9		30	A
4,4'-DDE	87		95		30-150	9		30	A
4,4'-DDD	110		120		30-150	9		30	A
4,4'-DDT	68		83		30-150	20		30	A
Endosulfan I	84		91		30-150	8		30	A
Endosulfan II	97		106		30-150	9		30	A
Endosulfan sulfate	61		70		30-150	14		30	A
Methoxychlor	85		106		30-150	22		30	A
cis-Chlordane	76		82		30-150	8		30	A
trans-Chlordane	75		80		30-150	6		30	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07-08,10 Batch: WG1341274-2 WG1341274-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		111		30-150	A
Decachlorobiphenyl	110		112		30-150	A
2,4,5,6-Tetrachloro-m-xylene	109		123		30-150	B
Decachlorobiphenyl	97		110		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 03,11-13 Batch: WG1341339-2 WG1341339-3									
2,4-D	111		107		30-150	4		25	A
2,4,5-T	113		110		30-150	3		25	A
2,4,5-TP (Silvex)	126		120		30-150	5		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	106		102		30-150	A
DCAA	115		108		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 1700 PARK AVENUE**Project Number:** 3482.0001Y**Lab Number:** L2006439**Report Date:** 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 04 Batch: WG1341448-2 WG1341448-3									
2,4-D	50		71		30-150	35	Q	30	A
2,4,5-T	49		60		30-150	20		30	A
2,4,5-TP (Silvex)	57		67		30-150	16		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	47		64		30-150	A
DCAA	51		69		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 07-08,10 Batch: WG1341848-2 WG1341848-3									
2,4-D	100		96		30-150	4		30	A
2,4,5-T	96		96		30-150	0		30	A
2,4,5-TP (Silvex)	100		99		30-150	1		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	100		95		30-150	A
DCAA	107		104		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 15 Batch: WG1341925-2 WG1341925-3									
2,4-D	91		103		30-150	12		25	A
2,4,5-T	94		105		30-150	11		25	A
2,4,5-TP (Silvex)	98		112		30-150	13		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	93		107		30-150	A
DCAA	100		118		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 15 Batch: WG1342278-2 WG1342278-3									
Delta-BHC	66		72		30-150	9		20	A
Lindane	67		73		30-150	8		20	A
Alpha-BHC	70		77		30-150	10		20	A
Beta-BHC	67		71		30-150	6		20	A
Heptachlor	66		71		30-150	8		20	A
Aldrin	69		76		30-150	10		20	A
Heptachlor epoxide	72		79		30-150	10		20	A
Endrin	70		78		30-150	11		20	A
Endrin aldehyde	69		74		30-150	7		20	A
Endrin ketone	71		76		30-150	7		20	A
Dieldrin	74		83		30-150	11		20	A
4,4'-DDE	79		89		30-150	12		20	A
4,4'-DDD	74		83		30-150	12		20	A
4,4'-DDT	69		76		30-150	10		20	A
Endosulfan I	66		75		30-150	12		20	A
Endosulfan II	68		75		30-150	10		20	A
Endosulfan sulfate	68		73		30-150	7		20	A
Methoxychlor	66		73		30-150	9		20	A
cis-Chlordane	64		73		30-150	14		20	A
trans-Chlordane	68		76		30-150	11		20	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 15 Batch: WG1342278-2 WG1342278-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		79		30-150	A
Decachlorobiphenyl	66		74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		62		30-150	B
Decachlorobiphenyl	50		54		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,04,06 QC Batch ID: WG1340975-4 WG1340975-5 QC Sample: L2006439-04 Client ID: RSB-1700-3_0-2													
Delta-BHC	ND	35.8	23.4	65		20.8	56		30-150	12		50	A
Lindane	ND	35.8	21.0	59		25.2	68		30-150	18		50	A
Alpha-BHC	ND	35.8	21.6	60		25.9	70		30-150	18		50	A
Beta-BHC	ND	35.8	23.2	65		26.4	71		30-150	13		50	A
Heptachlor	ND	35.8	30.1	84		36.5	99		30-150	19		50	A
Aldrin	ND	35.8	23.6	66		28.5	77		30-150	19		50	A
Heptachlor epoxide	ND	35.8	23.5	66		27.7	75		30-150	16		50	A
Endrin	ND	35.8	21.3	60		24.1	65		30-150	12		50	A
Endrin aldehyde	ND	35.8	11.4	32		12.8	35		30-150	12		50	A
Endrin ketone	ND	35.8	12.0	34		15.3	41		30-150	24		50	A
Dieldrin	4.22J	35.8	25.4	71		28.6	77		30-150	12		50	A
4,4'-DDE	ND	35.8	18.5	52		20.6	56		30-150	11		50	A
4,4'-DDD	ND	35.8	19.1	53		21.1	57		30-150	10		50	A
4,4'-DDT	7.64J	35.8	25.9	72		35.1	95		30-150	30		50	B
Endosulfan I	ND	35.8	20.1	56		24.6	67		30-150	20		50	A
Endosulfan II	ND	35.8	18.2	51		21.0	57		30-150	14		50	A
Endosulfan sulfate	ND	35.8	9.82	27	Q	11.7	32		30-150	17		50	A
Methoxychlor	ND	35.8	16.6	46		19.9	54		30-150	18		50	A
cis-Chlordane	ND	35.8	20.2	56		22.9	62		30-150	13		50	A
trans-Chlordane	ND	35.8	22.2	62		26.7	72		30-150	18		50	A

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,04,06 QC Batch ID: WG1340975-4 WG1340975-5 QC Sample: L2006439-04
Client ID: RSB-1700-3_0-2

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		67		30-150	A
Decachlorobiphenyl	61		61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		62		30-150	B
Decachlorobiphenyl	91		93		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1341448-8 WG1341448-9 QC Sample: L2006439-04 Client ID: RSB-1700-3_0-2													
2,4-D	ND	184	111J	60		114J	62		30-150	3		30	A
2,4,5-T	ND	184	108J	59		110J	59		30-150	2		30	A
2,4,5-TP (Silvex)	ND	184	113J	61		114J	62		30-150	1		30	A

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria	Column
DCAA	62		62		30-150	A
DCAA	60		61		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 15 QC Batch ID: WG1341925-4 WG1341925-5 QC Sample: L2006439-15 Client ID: B-4													
2,4-D	ND	5	2.94J	59		2.86J	57		30-150	3		25	A
2,4,5-T	ND	5	2.92	58		2.82	56		30-150	3		25	A
2,4,5-TP (Silvex)	ND	5	3.11	62		3.03	61		30-150	3		25	A

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria	Column
DCAA	62		60		30-150	A
DCAA	61		63		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab B-4 Associated sample(s): 15 QC Batch ID: WG1342278-6 WG1342278-7 QC Sample: L2006439-15 Client ID:													
Delta-BHC	ND	0.357	0.306	86		0.312	87		30-150	2		30	A
Lindane	ND	0.357	0.299	84		0.313	88		30-150	5		30	A
Alpha-BHC	ND	0.357	0.311	87		0.329	92		30-150	6		30	A
Beta-BHC	ND	0.357	0.300	84		0.312	87		30-150	4		30	A
Heptachlor	ND	0.357	0.291	82		0.302	85		30-150	4		30	A
Aldrin	ND	0.357	0.307	86		0.321	90		30-150	4		30	A
Heptachlor epoxide	ND	0.357	0.306	86		0.321	90		30-150	5		30	A
Endrin	ND	0.357	0.302	85		0.314	88		30-150	4		30	A
Endrin aldehyde	ND	0.357	0.312	87		0.318	89		30-150	2		30	A
Endrin ketone	ND	0.357	0.317	89		0.327	92		30-150	3		30	A
Dieldrin	0.012J	0.357	0.337	94		0.347	97		30-150	3		30	A
4,4'-DDE	ND	0.357	0.344	96		0.351	98		30-150	2		30	A
4,4'-DDD	ND	0.357	0.324	91		0.336	94		30-150	4		30	A
4,4'-DDT	ND	0.357	0.307	86		0.318	89		30-150	4		30	A
Endosulfan I	ND	0.357	0.292	82		0.299	84		30-150	2		30	A
Endosulfan II	ND	0.357	0.294	82		0.300	84		30-150	2		30	A
Endosulfan sulfate	ND	0.357	0.316	88		0.321	90		30-150	2		30	A
Methoxychlor	ND	0.357	0.293	82		0.304	85		30-150	4		30	A
cis-Chlordane	ND	0.357	0.265	74		0.274	77		30-150	3		30	A
trans-Chlordane	ND	0.357	0.294	82		0.304	85		30-150	3		30	A

Matrix Spike Analysis**Batch Quality Control****Project Name:** 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Organochlorine Pesticides by GC - Westborough Lab B-4 Associated sample(s): 15 QC Batch ID: WG1342278-6 WG1342278-7 QC Sample: L2006439-15 Client ID:												

<i>Surrogate</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>	<i>Column</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>		
2,4,5,6-Tetrachloro-m-xylene	91		94		30-150	A
Decachlorobiphenyl	84		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		73		30-150	B
Decachlorobiphenyl	63		63		30-150	B

METALS

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-01

Date Collected: 02/12/20 11:30

Client ID: RSB-1700-2_0-2

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5660		mg/kg	8.96	2.42	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV
Antimony, Total	0.592	J	mg/kg	4.48	0.340	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV
Arsenic, Total	4.85		mg/kg	0.896	0.186	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV
Barium, Total	167		mg/kg	0.896	0.156	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV
Beryllium, Total	ND		mg/kg	0.448	0.030	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV
Cadmium, Total	0.780	J	mg/kg	0.896	0.088	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV
Calcium, Total	27100		mg/kg	8.96	3.14	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV
Chromium, Total	14.2		mg/kg	0.896	0.086	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV
Cobalt, Total	6.08		mg/kg	1.79	0.149	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV
Copper, Total	32.5		mg/kg	0.896	0.231	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV
Iron, Total	11200		mg/kg	4.48	0.809	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV
Lead, Total	239		mg/kg	4.48	0.240	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV
Magnesium, Total	4150		mg/kg	8.96	1.38	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV
Manganese, Total	180		mg/kg	0.896	0.142	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV
Mercury, Total	0.299		mg/kg	0.082	0.053	1	02/13/20 22:29	02/14/20 17:54	EPA 7471B	1,7471B	AL
Nickel, Total	10.2		mg/kg	2.24	0.217	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV
Potassium, Total	1750		mg/kg	224	12.9	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV
Selenium, Total	1.10	J	mg/kg	1.79	0.231	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.896	0.254	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV
Sodium, Total	396		mg/kg	179	2.82	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.79	0.282	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV
Vanadium, Total	22.9		mg/kg	0.896	0.182	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV
Zinc, Total	172		mg/kg	4.48	0.263	2	02/14/20 05:00	02/14/20 20:29	EPA 3050B	1,6010D	BV



Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-02

Date Collected: 02/12/20 12:00

Client ID: DUP-1700-20200212

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6550		mg/kg	8.92	2.41	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV
Antimony, Total	0.883	J	mg/kg	4.46	0.339	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV
Arsenic, Total	5.20		mg/kg	0.892	0.186	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV
Barium, Total	161		mg/kg	0.892	0.155	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV
Beryllium, Total	ND		mg/kg	0.446	0.029	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV
Cadmium, Total	0.785	J	mg/kg	0.892	0.087	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV
Calcium, Total	38200		mg/kg	8.92	3.12	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV
Chromium, Total	16.8		mg/kg	0.892	0.086	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV
Cobalt, Total	7.29		mg/kg	1.78	0.148	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV
Copper, Total	39.0		mg/kg	0.892	0.230	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV
Iron, Total	13900		mg/kg	4.46	0.806	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV
Lead, Total	193		mg/kg	4.46	0.239	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV
Magnesium, Total	5270		mg/kg	8.92	1.37	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV
Manganese, Total	203		mg/kg	0.892	0.142	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV
Mercury, Total	0.276		mg/kg	0.080	0.052	1	02/13/20 22:29	02/14/20 16:54	EPA 7471B	1,7471B	AL
Nickel, Total	13.6		mg/kg	2.23	0.216	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV
Potassium, Total	2300		mg/kg	223	12.8	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV
Selenium, Total	1.26	J	mg/kg	1.78	0.230	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.892	0.252	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV
Sodium, Total	402		mg/kg	178	2.81	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.78	0.281	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV
Vanadium, Total	25.8		mg/kg	0.892	0.181	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV
Zinc, Total	218		mg/kg	4.46	0.261	2	02/14/20 05:00	02/14/20 20:33	EPA 3050B	1,6010D	BV



Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-03

Date Collected: 02/12/20 15:00

Client ID: FB-1700-20200212

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.032	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV
Antimony, Total	ND		mg/l	0.050	0.007	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV
Arsenic, Total	ND		mg/l	0.005	0.002	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV
Barium, Total	ND		mg/l	0.010	0.002	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV
Beryllium, Total	ND		mg/l	0.005	0.001	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV
Cadmium, Total	ND		mg/l	0.005	0.001	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV
Calcium, Total	ND		mg/l	0.100	0.035	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV
Chromium, Total	ND		mg/l	0.010	0.002	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV
Cobalt, Total	ND		mg/l	0.020	0.002	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV
Copper, Total	ND		mg/l	0.010	0.002	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV
Iron, Total	ND		mg/l	0.050	0.009	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV
Lead, Total	ND		mg/l	0.010	0.003	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV
Magnesium, Total	ND		mg/l	0.100	0.015	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV
Manganese, Total	ND		mg/l	0.010	0.002	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/17/20 11:56	02/18/20 16:31	EPA 7470A	1,7470A	AL
Nickel, Total	ND		mg/l	0.025	0.002	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV
Potassium, Total	ND		mg/l	2.50	0.237	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV
Selenium, Total	ND		mg/l	0.010	0.004	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV
Silver, Total	ND		mg/l	0.007	0.003	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV
Sodium, Total	ND		mg/l	2.00	0.120	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV
Thallium, Total	ND		mg/l	0.020	0.003	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV
Vanadium, Total	ND		mg/l	0.010	0.002	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV
Zinc, Total	ND		mg/l	0.050	0.002	1	02/14/20 19:17	02/17/20 21:04	EPA 3005A	1,6010D	BV



Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-04

Date Collected: 02/12/20 15:30

Client ID: RSB-1700-3_0-2

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2970		mg/kg	87.6	23.6	20	02/14/20 05:00	02/14/20 14:47	EPA 3050B	1,6010D	LC
Antimony, Total	0.613	J	mg/kg	4.38	0.333	2	02/14/20 05:00	02/14/20 12:46	EPA 3050B	1,6010D	LC
Arsenic, Total	3.26		mg/kg	0.876	0.182	2	02/14/20 05:00	02/14/20 12:46	EPA 3050B	1,6010D	LC
Barium, Total	40.3		mg/kg	0.876	0.152	2	02/14/20 05:00	02/14/20 12:46	EPA 3050B	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.438	0.029	2	02/14/20 05:00	02/14/20 12:46	EPA 3050B	1,6010D	LC
Cadmium, Total	0.166	J	mg/kg	0.876	0.086	2	02/14/20 05:00	02/14/20 12:46	EPA 3050B	1,6010D	LC
Calcium, Total	47800		mg/kg	87.6	30.7	20	02/14/20 05:00	02/14/20 14:47	EPA 3050B	1,6010D	LC
Chromium, Total	5.90		mg/kg	0.444	0.043	1	02/18/20 01:04	02/19/20 20:53	EPA 3050B	1,6010D	LC
Cobalt, Total	2.30		mg/kg	1.75	0.145	2	02/14/20 05:00	02/14/20 12:46	EPA 3050B	1,6010D	LC
Copper, Total	7.01		mg/kg	0.876	0.226	2	02/14/20 05:00	02/14/20 12:46	EPA 3050B	1,6010D	LC
Iron, Total	4720		mg/kg	4.38	0.791	2	02/14/20 05:00	02/14/20 12:46	EPA 3050B	1,6010D	LC
Lead, Total	88.3		mg/kg	4.38	0.235	2	02/14/20 05:00	02/14/20 12:46	EPA 3050B	1,6010D	LC
Magnesium, Total	3820		mg/kg	8.76	1.35	2	02/14/20 05:00	02/14/20 12:46	EPA 3050B	1,6010D	LC
Manganese, Total	116		mg/kg	0.876	0.139	2	02/14/20 05:00	02/14/20 12:46	EPA 3050B	1,6010D	LC
Mercury, Total	0.099		mg/kg	0.076	0.050	1	02/13/20 22:29	02/14/20 16:18	EPA 7471B	1,7471B	AL
Nickel, Total	5.88		mg/kg	2.19	0.212	2	02/14/20 05:00	02/14/20 12:46	EPA 3050B	1,6010D	LC
Potassium, Total	599		mg/kg	219	12.6	2	02/14/20 05:00	02/14/20 12:46	EPA 3050B	1,6010D	LC
Selenium, Total	0.587	J	mg/kg	1.75	0.226	2	02/14/20 05:00	02/14/20 12:46	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.876	0.248	2	02/14/20 05:00	02/14/20 12:46	EPA 3050B	1,6010D	LC
Sodium, Total	247		mg/kg	175	2.76	2	02/14/20 05:00	02/14/20 12:46	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.75	0.276	2	02/14/20 05:00	02/14/20 12:46	EPA 3050B	1,6010D	LC
Vanadium, Total	17.0		mg/kg	0.876	0.178	2	02/14/20 05:00	02/14/20 12:46	EPA 3050B	1,6010D	LC
Zinc, Total	64.3		mg/kg	4.38	0.257	2	02/14/20 05:00	02/14/20 12:46	EPA 3050B	1,6010D	LC



Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-06

Date Collected: 02/12/20 16:30

Client ID: RSB-1700-1_0-2

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4780		mg/kg	9.03	2.44	2	02/14/20 05:00	02/14/20 20:38	EPA 3050B	1,6010D	BV
Antimony, Total	1.34	J	mg/kg	4.51	0.343	2	02/14/20 05:00	02/14/20 20:38	EPA 3050B	1,6010D	BV
Arsenic, Total	8.53		mg/kg	0.903	0.188	2	02/14/20 05:00	02/14/20 20:38	EPA 3050B	1,6010D	BV
Barium, Total	1450		mg/kg	0.903	0.157	2	02/14/20 05:00	02/14/20 20:38	EPA 3050B	1,6010D	BV
Beryllium, Total	ND		mg/kg	0.451	0.030	2	02/14/20 05:00	02/14/20 20:38	EPA 3050B	1,6010D	BV
Cadmium, Total	1.42		mg/kg	0.903	0.089	2	02/14/20 05:00	02/14/20 20:38	EPA 3050B	1,6010D	BV
Calcium, Total	54300		mg/kg	90.3	31.6	20	02/14/20 05:00	02/18/20 23:04	EPA 3050B	1,6010D	LC
Chromium, Total	16.2		mg/kg	0.903	0.087	2	02/14/20 05:00	02/14/20 20:38	EPA 3050B	1,6010D	BV
Cobalt, Total	4.85		mg/kg	1.80	0.150	2	02/14/20 05:00	02/14/20 20:38	EPA 3050B	1,6010D	BV
Copper, Total	24.8		mg/kg	0.903	0.233	2	02/14/20 05:00	02/14/20 20:38	EPA 3050B	1,6010D	BV
Iron, Total	9980		mg/kg	4.51	0.815	2	02/14/20 05:00	02/14/20 20:38	EPA 3050B	1,6010D	BV
Lead, Total	1320		mg/kg	4.51	0.242	2	02/14/20 05:00	02/14/20 20:38	EPA 3050B	1,6010D	BV
Magnesium, Total	8020		mg/kg	9.03	1.39	2	02/14/20 05:00	02/14/20 20:38	EPA 3050B	1,6010D	BV
Manganese, Total	187		mg/kg	0.903	0.144	2	02/14/20 05:00	02/14/20 20:38	EPA 3050B	1,6010D	BV
Mercury, Total	0.520		mg/kg	0.083	0.054	1	02/13/20 22:29	02/14/20 16:56	EPA 7471B	1,7471B	AL
Nickel, Total	10.6		mg/kg	2.26	0.218	2	02/14/20 05:00	02/14/20 20:38	EPA 3050B	1,6010D	BV
Potassium, Total	1310		mg/kg	226	13.0	2	02/14/20 05:00	02/14/20 20:38	EPA 3050B	1,6010D	BV
Selenium, Total	1.10	J	mg/kg	1.80	0.233	2	02/14/20 05:00	02/14/20 20:38	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.903	0.256	2	02/14/20 05:00	02/14/20 20:38	EPA 3050B	1,6010D	BV
Sodium, Total	245		mg/kg	180	2.84	2	02/14/20 05:00	02/14/20 20:38	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.80	0.284	2	02/14/20 05:00	02/14/20 20:38	EPA 3050B	1,6010D	BV
Vanadium, Total	19.5		mg/kg	0.903	0.183	2	02/14/20 05:00	02/14/20 20:38	EPA 3050B	1,6010D	BV
Zinc, Total	1010		mg/kg	4.51	0.264	2	02/14/20 05:00	02/14/20 20:38	EPA 3050B	1,6010D	BV



Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-07

Date Collected: 02/13/20 13:30

Client ID: RSB-1700-3_5-7

Date Received: 02/13/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6330		mg/kg	9.06	2.45	2	02/15/20 01:30	02/19/20 02:21	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.53	0.344	2	02/15/20 01:30	02/19/20 02:21	EPA 3050B	1,6010D	LC
Arsenic, Total	3.60		mg/kg	0.906	0.188	2	02/15/20 01:30	02/19/20 02:21	EPA 3050B	1,6010D	LC
Barium, Total	82.0		mg/kg	0.906	0.158	2	02/15/20 01:30	02/19/20 02:21	EPA 3050B	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.453	0.030	2	02/15/20 01:30	02/19/20 02:21	EPA 3050B	1,6010D	LC
Cadmium, Total	0.236	J	mg/kg	0.906	0.089	2	02/15/20 01:30	02/19/20 02:21	EPA 3050B	1,6010D	LC
Calcium, Total	66300		mg/kg	90.6	31.7	20	02/15/20 01:30	02/19/20 03:44	EPA 3050B	1,6010D	LC
Chromium, Total	12.5		mg/kg	0.906	0.087	2	02/15/20 01:30	02/19/20 02:21	EPA 3050B	1,6010D	LC
Cobalt, Total	5.61		mg/kg	1.81	0.150	2	02/15/20 01:30	02/19/20 02:21	EPA 3050B	1,6010D	LC
Copper, Total	12.8		mg/kg	0.906	0.234	2	02/15/20 01:30	02/19/20 02:21	EPA 3050B	1,6010D	LC
Iron, Total	9860		mg/kg	4.53	0.818	2	02/15/20 01:30	02/19/20 02:21	EPA 3050B	1,6010D	LC
Lead, Total	62.1		mg/kg	4.53	0.243	2	02/15/20 01:30	02/19/20 02:21	EPA 3050B	1,6010D	LC
Magnesium, Total	6480		mg/kg	9.06	1.40	2	02/15/20 01:30	02/19/20 02:21	EPA 3050B	1,6010D	LC
Manganese, Total	247		mg/kg	0.906	0.144	2	02/15/20 01:30	02/19/20 02:21	EPA 3050B	1,6010D	LC
Mercury, Total	0.079		mg/kg	0.074	0.048	1	02/15/20 07:15	02/18/20 17:50	EPA 7471B	1,7471B	AL
Nickel, Total	9.98		mg/kg	2.26	0.219	2	02/15/20 01:30	02/19/20 02:21	EPA 3050B	1,6010D	LC
Potassium, Total	2260		mg/kg	226	13.0	2	02/15/20 01:30	02/19/20 02:21	EPA 3050B	1,6010D	LC
Selenium, Total	0.734	J	mg/kg	1.81	0.234	2	02/15/20 01:30	02/19/20 02:21	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.906	0.256	2	02/15/20 01:30	02/19/20 02:21	EPA 3050B	1,6010D	LC
Sodium, Total	292		mg/kg	181	2.85	2	02/15/20 01:30	02/19/20 02:21	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.81	0.285	2	02/15/20 01:30	02/19/20 02:21	EPA 3050B	1,6010D	LC
Vanadium, Total	21.3		mg/kg	0.906	0.184	2	02/15/20 01:30	02/19/20 02:21	EPA 3050B	1,6010D	LC
Zinc, Total	70.4		mg/kg	4.53	0.265	2	02/15/20 01:30	02/19/20 02:21	EPA 3050B	1,6010D	LC



Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-08

Date Collected: 02/13/20 14:00

Client ID: RSB-1700-2_5-7

Date Received: 02/13/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10400		mg/kg	8.84	2.38	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.42	0.336	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC
Arsenic, Total	0.778	J	mg/kg	0.884	0.184	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC
Barium, Total	182		mg/kg	0.884	0.154	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.442	0.029	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC
Cadmium, Total	0.362	J	mg/kg	0.884	0.087	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC
Calcium, Total	6570		mg/kg	8.84	3.09	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC
Chromium, Total	22.4		mg/kg	0.884	0.085	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC
Cobalt, Total	15.9		mg/kg	1.77	0.147	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC
Copper, Total	37.8		mg/kg	0.884	0.228	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC
Iron, Total	22400		mg/kg	4.42	0.798	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC
Lead, Total	25.6		mg/kg	4.42	0.237	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC
Magnesium, Total	5740		mg/kg	8.84	1.36	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC
Manganese, Total	205		mg/kg	0.884	0.140	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.073	0.048	1	02/15/20 07:15	02/18/20 17:53	EPA 7471B	1,7471B	AL
Nickel, Total	22.9		mg/kg	2.21	0.214	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC
Potassium, Total	7330		mg/kg	221	12.7	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.77	0.228	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.884	0.250	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC
Sodium, Total	218		mg/kg	177	2.78	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.77	0.278	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC
Vanadium, Total	37.1		mg/kg	0.884	0.179	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC
Zinc, Total	112		mg/kg	4.42	0.259	2	02/15/20 01:30	02/19/20 02:26	EPA 3050B	1,6010D	LC



Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-10

Date Collected: 02/14/20 09:45

Client ID: RSB-1700-1_6-8

Date Received: 02/14/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10100		mg/kg	8.59	2.32	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.30	0.326	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC
Arsenic, Total	0.799	J	mg/kg	0.859	0.179	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC
Barium, Total	123		mg/kg	0.859	0.150	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC
Beryllium, Total	0.249	J	mg/kg	0.430	0.028	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC
Cadmium, Total	0.980		mg/kg	0.859	0.084	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC
Calcium, Total	10100		mg/kg	8.59	3.01	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC
Chromium, Total	20.1		mg/kg	0.859	0.083	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC
Cobalt, Total	9.90		mg/kg	1.72	0.143	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC
Copper, Total	28.9		mg/kg	0.859	0.222	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC
Iron, Total	16600		mg/kg	4.30	0.776	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC
Lead, Total	31.0		mg/kg	4.30	0.230	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC
Magnesium, Total	6940		mg/kg	8.59	1.32	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC
Manganese, Total	281		mg/kg	0.859	0.137	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.071	0.047	1	02/18/20 05:20	02/19/20 21:55	EPA 7471B	1,7471B	AL
Nickel, Total	17.7		mg/kg	2.15	0.208	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC
Potassium, Total	2640		mg/kg	215	12.4	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.72	0.222	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.859	0.243	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC
Sodium, Total	236		mg/kg	172	2.71	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.72	0.271	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC
Vanadium, Total	26.4		mg/kg	0.859	0.174	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC
Zinc, Total	99.0		mg/kg	4.30	0.252	2	02/18/20 01:04	02/19/20 22:03	EPA 3050B	1,6010D	LC



Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-11

Date Collected: 02/14/20 15:00

Client ID: RMW-1700-1

Date Received: 02/14/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.398		mg/l	0.0100	0.00327	1	02/18/20 21:27	02/19/20 09:41	EPA 3005A	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/18/20 21:27	02/19/20 09:41	EPA 3005A	1,6020B	AM
Arsenic, Total	0.00033	J	mg/l	0.00050	0.00016	1	02/18/20 21:27	02/19/20 09:41	EPA 3005A	1,6020B	AM
Barium, Total	0.04905		mg/l	0.00050	0.00017	1	02/18/20 21:27	02/19/20 09:41	EPA 3005A	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/18/20 21:27	02/19/20 09:41	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00025		mg/l	0.00020	0.00005	1	02/18/20 21:27	02/19/20 09:41	EPA 3005A	1,6020B	AM
Calcium, Total	691.		mg/l	5.00	1.97	50	02/18/20 21:27	02/19/20 13:15	EPA 3005A	1,6020B	AM
Chromium, Total	0.00332		mg/l	0.00100	0.00017	1	02/18/20 21:27	02/19/20 09:41	EPA 3005A	1,6020B	AM
Cobalt, Total	0.00663		mg/l	0.00050	0.00016	1	02/18/20 21:27	02/19/20 09:41	EPA 3005A	1,6020B	AM
Copper, Total	0.00274		mg/l	0.00100	0.00038	1	02/18/20 21:27	02/19/20 09:41	EPA 3005A	1,6020B	AM
Iron, Total	0.688		mg/l	0.0500	0.0191	1	02/18/20 21:27	02/19/20 09:41	EPA 3005A	1,6020B	AM
Lead, Total	0.00128		mg/l	0.00100	0.00034	1	02/18/20 21:27	02/19/20 09:41	EPA 3005A	1,6020B	AM
Magnesium, Total	131.		mg/l	0.0700	0.0242	1	02/18/20 21:27	02/19/20 09:41	EPA 3005A	1,6020B	AM
Manganese, Total	1.313		mg/l	0.00100	0.00044	1	02/18/20 21:27	02/19/20 09:41	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/19/20 21:28	02/20/20 13:35	EPA 7470A	1,7470A	GD
Nickel, Total	0.00713		mg/l	0.00200	0.00055	1	02/18/20 21:27	02/19/20 09:41	EPA 3005A	1,6020B	AM
Potassium, Total	22.0		mg/l	0.100	0.0309	1	02/18/20 21:27	02/19/20 09:41	EPA 3005A	1,6020B	AM
Selenium, Total	0.0121		mg/l	0.00500	0.00173	1	02/18/20 21:27	02/19/20 09:41	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/18/20 21:27	02/19/20 09:41	EPA 3005A	1,6020B	AM
Sodium, Total	726.		mg/l	5.00	1.46	50	02/18/20 21:27	02/19/20 13:15	EPA 3005A	1,6020B	AM
Thallium, Total	0.00016	J	mg/l	0.00100	0.00014	1	02/18/20 21:27	02/19/20 09:41	EPA 3005A	1,6020B	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/18/20 21:27	02/19/20 09:41	EPA 3005A	1,6020B	AM
Zinc, Total	0.00545	J	mg/l	0.01000	0.00341	1	02/18/20 21:27	02/19/20 09:41	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00825	J	mg/l	0.0100	0.00327	1	02/20/20 11:32	02/20/20 23:46	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00100	J	mg/l	0.00400	0.00042	1	02/20/20 11:32	02/20/20 23:46	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00054		mg/l	0.00050	0.00016	1	02/20/20 11:32	02/20/20 23:46	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.04519		mg/l	0.00050	0.00017	1	02/20/20 11:32	02/20/20 23:46	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/20/20 11:32	02/20/20 23:46	EPA 3005A	1,6020B	AM



Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-11

Date Collected: 02/14/20 15:00

Client ID: RMW-1700-1

Date Received: 02/14/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00032		mg/l	0.00020	0.00005	1	02/20/20 11:32	02/20/20 23:46	EPA 3005A	1,6020B	AM
Calcium, Dissolved	681.		mg/l	5.00	1.97	50	02/20/20 11:32	02/21/20 01:54	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00228		mg/l	0.00100	0.00017	1	02/20/20 11:32	02/20/20 23:46	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00581		mg/l	0.00050	0.00016	1	02/20/20 11:32	02/20/20 23:46	EPA 3005A	1,6020B	AM
Copper, Dissolved	0.00229		mg/l	0.00100	0.00038	1	02/20/20 11:32	02/20/20 23:46	EPA 3005A	1,6020B	AM
Iron, Dissolved	0.0909		mg/l	0.0500	0.0191	1	02/20/20 11:32	02/20/20 23:46	EPA 3005A	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	02/20/20 11:32	02/20/20 23:46	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	108.		mg/l	0.0700	0.0242	1	02/20/20 11:32	02/20/20 23:46	EPA 3005A	1,6020B	AM
Manganese, Dissolved	1.131		mg/l	0.00100	0.00044	1	02/20/20 11:32	02/20/20 23:46	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	02/20/20 11:57	02/20/20 15:10	EPA 7470A	1,7470A	AL
Nickel, Dissolved	0.00709		mg/l	0.00200	0.00055	1	02/20/20 11:32	02/20/20 23:46	EPA 3005A	1,6020B	AM
Potassium, Dissolved	19.3		mg/l	0.100	0.0309	1	02/20/20 11:32	02/20/20 23:46	EPA 3005A	1,6020B	AM
Selenium, Dissolved	0.0154		mg/l	0.00500	0.00173	1	02/20/20 11:32	02/20/20 23:46	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/20/20 11:32	02/20/20 23:46	EPA 3005A	1,6020B	AM
Sodium, Dissolved	684.		mg/l	5.00	1.46	50	02/20/20 11:32	02/21/20 01:54	EPA 3005A	1,6020B	AM
Thallium, Dissolved	0.00023	J	mg/l	0.00100	0.00014	1	02/20/20 11:32	02/20/20 23:46	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/20/20 11:32	02/20/20 23:46	EPA 3005A	1,6020B	AM
Zinc, Dissolved	0.00778	J	mg/l	0.01000	0.00341	1	02/20/20 11:32	02/20/20 23:46	EPA 3005A	1,6020B	AM



Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-12

Date Collected: 02/14/20 12:05

Client ID: DUP-1700-20200214_002

Date Received: 02/14/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.128		mg/l	0.0100	0.00327	1	02/18/20 21:27	02/19/20 09:45	EPA 3005A	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/18/20 21:27	02/19/20 09:45	EPA 3005A	1,6020B	AM
Arsenic, Total	0.00027	J	mg/l	0.00050	0.00016	1	02/18/20 21:27	02/19/20 09:45	EPA 3005A	1,6020B	AM
Barium, Total	0.04445		mg/l	0.00050	0.00017	1	02/18/20 21:27	02/19/20 09:45	EPA 3005A	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/18/20 21:27	02/19/20 09:45	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00028		mg/l	0.00020	0.00005	1	02/18/20 21:27	02/19/20 09:45	EPA 3005A	1,6020B	AM
Calcium, Total	706.		mg/l	5.00	1.97	50	02/18/20 21:27	02/19/20 14:11	EPA 3005A	1,6020B	AM
Chromium, Total	0.00319		mg/l	0.00100	0.00017	1	02/18/20 21:27	02/19/20 09:45	EPA 3005A	1,6020B	AM
Cobalt, Total	0.00602		mg/l	0.00050	0.00016	1	02/18/20 21:27	02/19/20 09:45	EPA 3005A	1,6020B	AM
Copper, Total	0.00215		mg/l	0.00100	0.00038	1	02/18/20 21:27	02/19/20 09:45	EPA 3005A	1,6020B	AM
Iron, Total	0.252		mg/l	0.0500	0.0191	1	02/18/20 21:27	02/19/20 09:45	EPA 3005A	1,6020B	AM
Lead, Total	0.00039	J	mg/l	0.00100	0.00034	1	02/18/20 21:27	02/19/20 09:45	EPA 3005A	1,6020B	AM
Magnesium, Total	135.		mg/l	0.0700	0.0242	1	02/18/20 21:27	02/19/20 09:45	EPA 3005A	1,6020B	AM
Manganese, Total	1.144		mg/l	0.00100	0.00044	1	02/18/20 21:27	02/19/20 09:45	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/19/20 21:28	02/20/20 13:37	EPA 7470A	1,7470A	GD
Nickel, Total	0.00653		mg/l	0.00200	0.00055	1	02/18/20 21:27	02/19/20 09:45	EPA 3005A	1,6020B	AM
Potassium, Total	22.3		mg/l	0.100	0.0309	1	02/18/20 21:27	02/19/20 09:45	EPA 3005A	1,6020B	AM
Selenium, Total	0.0126		mg/l	0.00500	0.00173	1	02/18/20 21:27	02/19/20 09:45	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/18/20 21:27	02/19/20 09:45	EPA 3005A	1,6020B	AM
Sodium, Total	741.		mg/l	5.00	1.46	50	02/18/20 21:27	02/19/20 14:11	EPA 3005A	1,6020B	AM
Thallium, Total	ND		mg/l	0.00100	0.00014	1	02/18/20 21:27	02/19/20 09:45	EPA 3005A	1,6020B	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/18/20 21:27	02/19/20 09:45	EPA 3005A	1,6020B	AM
Zinc, Total	0.00358	J	mg/l	0.01000	0.00341	1	02/18/20 21:27	02/19/20 09:45	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00830	J	mg/l	0.0100	0.00327	1	02/20/20 11:32	02/21/20 00:27	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00050	J	mg/l	0.00400	0.00042	1	02/20/20 11:32	02/21/20 00:27	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00051		mg/l	0.00050	0.00016	1	02/20/20 11:32	02/21/20 00:27	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.04368		mg/l	0.00050	0.00017	1	02/20/20 11:32	02/21/20 00:27	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/20/20 11:32	02/21/20 00:27	EPA 3005A	1,6020B	AM



Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-12

Date Collected: 02/14/20 12:05

Client ID: DUP-1700-20200214_002

Date Received: 02/14/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00029		mg/l	0.00020	0.00005	1	02/20/20 11:32	02/21/20 00:27	EPA 3005A	1,6020B	AM
Calcium, Dissolved	619.		mg/l	5.00	1.97	50	02/20/20 11:32	02/21/20 03:03	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00230		mg/l	0.00100	0.00017	1	02/20/20 11:32	02/21/20 00:27	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00568		mg/l	0.00050	0.00016	1	02/20/20 11:32	02/21/20 00:27	EPA 3005A	1,6020B	AM
Copper, Dissolved	0.00202		mg/l	0.00100	0.00038	1	02/20/20 11:32	02/21/20 00:27	EPA 3005A	1,6020B	AM
Iron, Dissolved	0.203		mg/l	0.0500	0.0191	1	02/20/20 11:32	02/21/20 00:27	EPA 3005A	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	02/20/20 11:32	02/21/20 00:27	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	106.		mg/l	0.0700	0.0242	1	02/20/20 11:32	02/21/20 00:27	EPA 3005A	1,6020B	AM
Manganese, Dissolved	1.008		mg/l	0.00100	0.00044	1	02/20/20 11:32	02/21/20 00:27	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	02/20/20 11:57	02/20/20 15:12	EPA 7470A	1,7470A	AL
Nickel, Dissolved	0.00640		mg/l	0.00200	0.00055	1	02/20/20 11:32	02/21/20 00:27	EPA 3005A	1,6020B	AM
Potassium, Dissolved	18.8		mg/l	0.100	0.0309	1	02/20/20 11:32	02/21/20 00:27	EPA 3005A	1,6020B	AM
Selenium, Dissolved	0.0143		mg/l	0.00500	0.00173	1	02/20/20 11:32	02/21/20 00:27	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/20/20 11:32	02/21/20 00:27	EPA 3005A	1,6020B	AM
Sodium, Dissolved	596.		mg/l	5.00	1.46	50	02/20/20 11:32	02/21/20 03:03	EPA 3005A	1,6020B	AM
Thallium, Dissolved	0.00016	J	mg/l	0.00100	0.00014	1	02/20/20 11:32	02/21/20 00:27	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/20/20 11:32	02/21/20 00:27	EPA 3005A	1,6020B	AM
Zinc, Dissolved	0.00751	J	mg/l	0.01000	0.00341	1	02/20/20 11:32	02/21/20 00:27	EPA 3005A	1,6020B	AM



Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-13

Date Collected: 02/14/20 16:00

Client ID: FB-1700-20200214_002

Date Received: 02/14/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Antimony, Total	0.00049	J	mg/l	0.00400	0.00042	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Barium, Total	0.00036	J	mg/l	0.00050	0.00017	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/19/20 21:28	02/20/20 13:40	EPA 7470A	1,7470A	GD
Nickel, Total	ND		mg/l	0.00200	0.00055	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Sodium, Total	ND		mg/l	0.100	0.0293	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Thallium, Total	0.00032	J	mg/l	0.00100	0.00014	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	02/18/20 21:27	02/19/20 09:32	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00335	J	mg/l	0.0100	0.00327	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00055	J	mg/l	0.00400	0.00042	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.00029	J	mg/l	0.00050	0.00017	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM



Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-13

Date Collected: 02/14/20 16:00

Client ID: FB-1700-20200214_002

Date Received: 02/14/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM
Copper, Dissolved	0.00051	J	mg/l	0.00100	0.00038	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	02/20/20 11:57	02/20/20 15:15	EPA 7470A	1,7470A	AL
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM
Sodium, Dissolved	0.0387	J	mg/l	0.100	0.0293	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM
Thallium, Dissolved	0.00024	J	mg/l	0.00100	0.00014	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM
Zinc, Dissolved	0.00590	J	mg/l	0.01000	0.00341	1	02/20/20 11:32	02/20/20 23:16	EPA 3005A	1,6020B	AM



Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-15

Date Collected: 02/17/20 09:00

Client ID: B-4

Date Received: 02/17/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00395	J	mg/l	0.0100	0.00327	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Antimony, Total	0.00050	J	mg/l	0.00400	0.00042	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Arsenic, Total	0.00044	J	mg/l	0.00050	0.00016	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Barium, Total	0.03778		mg/l	0.00050	0.00017	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00008	J	mg/l	0.00020	0.00005	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Calcium, Total	498.		mg/l	0.100	0.0394	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Chromium, Total	0.00295		mg/l	0.00100	0.00017	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Cobalt, Total	0.00058		mg/l	0.00050	0.00016	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Copper, Total	0.00507		mg/l	0.00100	0.00038	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Lead, Total	0.00174		mg/l	0.00100	0.00034	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Magnesium, Total	130.		mg/l	0.0700	0.0242	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Manganese, Total	0.01582		mg/l	0.00100	0.00044	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/19/20 21:28	02/20/20 13:28	EPA 7470A	1,7470A	GD
Nickel, Total	0.00259		mg/l	0.00200	0.00055	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Potassium, Total	18.0		mg/l	0.100	0.0309	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Selenium, Total	0.00947		mg/l	0.00500	0.00173	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Sodium, Total	190.		mg/l	0.100	0.0293	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Thallium, Total	0.00028	J	mg/l	0.00100	0.00014	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Zinc, Total	0.01742		mg/l	0.01000	0.00341	1	02/18/20 21:27	02/19/20 09:36	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00585	J	mg/l	0.0100	0.00327	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00175	J	mg/l	0.00400	0.00042	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00056		mg/l	0.00050	0.00016	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.03356		mg/l	0.00050	0.00017	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM



Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**SAMPLE RESULTS**

Lab ID: L2006439-15

Date Collected: 02/17/20 09:00

Client ID: B-4

Date Received: 02/17/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00007	J	mg/l	0.00020	0.00005	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM
Calcium, Dissolved	410.		mg/l	0.100	0.0394	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00276		mg/l	0.00100	0.00017	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00062		mg/l	0.00050	0.00016	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM
Copper, Dissolved	0.00540		mg/l	0.00100	0.00038	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM
Iron, Dissolved	0.0306	J	mg/l	0.0500	0.0191	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM
Lead, Dissolved	0.00152		mg/l	0.00100	0.00034	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	92.2		mg/l	0.0700	0.0242	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.01977		mg/l	0.00100	0.00044	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	02/20/20 11:57	02/20/20 15:04	EPA 7470A	1,7470A	AL
Nickel, Dissolved	0.00281		mg/l	0.00200	0.00055	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM
Potassium, Dissolved	15.1		mg/l	0.100	0.0309	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM
Selenium, Dissolved	0.00908		mg/l	0.00500	0.00173	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM
Sodium, Dissolved	162.		mg/l	0.100	0.0293	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM
Thallium, Dissolved	0.00041	J	mg/l	0.00100	0.00014	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM
Zinc, Dissolved	0.02373		mg/l	0.01000	0.00341	1	02/20/20 11:32	02/20/20 22:35	EPA 3005A	1,6020B	AM



Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04,06 Batch: WG1340499-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/13/20 22:29	02/14/20 16:12	1,7471B	AL

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04,06 Batch: WG1340652-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	02/14/20 05:00	02/14/20 14:34	1,6010D	LC
Antimony, Total	0.208	J	mg/kg	2.00	0.152	1	02/14/20 05:00	02/14/20 12:37	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	02/14/20 05:00	02/14/20 12:37	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	02/14/20 05:00	02/14/20 12:37	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	02/14/20 05:00	02/14/20 12:37	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	02/14/20 05:00	02/14/20 12:37	1,6010D	LC
Calcium, Total	1.87	J	mg/kg	4.00	1.40	1	02/14/20 05:00	02/14/20 12:37	1,6010D	LC
Chromium, Total	0.600		mg/kg	0.400	0.038	1	02/14/20 05:00	02/14/20 12:37	1,6010D	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	02/14/20 05:00	02/14/20 12:37	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	02/14/20 05:00	02/14/20 12:37	1,6010D	LC
Iron, Total	3.27		mg/kg	2.00	0.361	1	02/14/20 05:00	02/14/20 12:37	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	02/14/20 05:00	02/14/20 12:37	1,6010D	LC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	02/14/20 05:00	02/14/20 12:37	1,6010D	LC
Manganese, Total	0.068	J	mg/kg	0.400	0.064	1	02/14/20 05:00	02/14/20 12:37	1,6010D	LC
Nickel, Total	0.212	J	mg/kg	1.00	0.097	1	02/14/20 05:00	02/14/20 12:37	1,6010D	LC
Potassium, Total	ND		mg/kg	100	5.76	1	02/14/20 05:00	02/14/20 12:37	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	02/14/20 05:00	02/14/20 12:37	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	02/14/20 05:00	02/14/20 12:37	1,6010D	LC
Sodium, Total	3.10	J	mg/kg	80.0	1.26	1	02/14/20 05:00	02/14/20 12:37	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	02/14/20 05:00	02/14/20 12:37	1,6010D	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	02/14/20 05:00	02/14/20 12:37	1,6010D	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	02/14/20 05:00	02/14/20 12:37	1,6010D	LC



Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03 Batch: WG1340859-1									
Aluminum, Total	ND	mg/l	0.100	0.032	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV
Antimony, Total	ND	mg/l	0.050	0.007	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV
Arsenic, Total	ND	mg/l	0.005	0.002	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV
Barium, Total	ND	mg/l	0.010	0.002	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV
Beryllium, Total	ND	mg/l	0.005	0.001	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV
Cadmium, Total	ND	mg/l	0.005	0.001	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV
Calcium, Total	ND	mg/l	0.100	0.035	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV
Chromium, Total	ND	mg/l	0.010	0.002	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV
Cobalt, Total	ND	mg/l	0.020	0.002	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV
Copper, Total	ND	mg/l	0.010	0.002	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV
Iron, Total	ND	mg/l	0.050	0.009	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV
Lead, Total	ND	mg/l	0.010	0.003	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV
Magnesium, Total	ND	mg/l	0.100	0.015	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV
Manganese, Total	ND	mg/l	0.010	0.002	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV
Nickel, Total	ND	mg/l	0.025	0.002	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV
Potassium, Total	ND	mg/l	2.50	0.237	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV
Selenium, Total	ND	mg/l	0.010	0.004	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV
Silver, Total	ND	mg/l	0.007	0.003	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV
Sodium, Total	ND	mg/l	2.00	0.120	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV
Thallium, Total	ND	mg/l	0.020	0.003	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV
Vanadium, Total	ND	mg/l	0.010	0.002	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV
Zinc, Total	ND	mg/l	0.050	0.002	1	02/14/20 19:17	02/17/20 20:46	1,6010D	BV

Prep Information

Digestion Method: EPA 3005A



Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03 Batch: WG1340887-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/17/20 11:56	02/18/20 16:04	1,7470A	AL

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 07-08 Batch: WG1341024-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC
Antimony, Total	ND		mg/kg	2.00	0.152	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC
Calcium, Total	2.27	J	mg/kg	4.00	1.40	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC
Iron, Total	2.47		mg/kg	2.00	0.361	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC
Manganese, Total	ND		mg/kg	0.400	0.064	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC
Potassium, Total	ND		mg/kg	100	5.76	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC
Sodium, Total	ND		mg/kg	80.0	1.26	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	02/15/20 01:30	02/18/20 23:25	1,6010D	LC



Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 07-08 Batch: WG1341059-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/15/20 07:15	02/18/20 17:00	1,7471B	AL

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 04,10 Batch: WG1341496-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC
Antimony, Total	ND		mg/kg	2.00	0.152	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC
Calcium, Total	ND		mg/kg	4.00	1.40	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC
Chromium, Total	0.052	J	mg/kg	0.400	0.038	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC
Iron, Total	0.492	J	mg/kg	2.00	0.361	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC
Manganese, Total	ND		mg/kg	0.400	0.064	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC
Potassium, Total	ND		mg/kg	100	5.76	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC
Sodium, Total	1.26	J	mg/kg	80.0	1.26	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC



Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Method Blank Analysis Batch Quality Control

Vanadium, Total	ND	mg/kg	0.400	0.081	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC
Zinc, Total	ND	mg/kg	2.00	0.117	1	02/18/20 01:04	02/19/20 20:27	1,6010D	LC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 10 Batch: WG1341532-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/18/20 05:20	02/19/20 21:50	1,7471B	AL

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 11-13,15 Batch: WG1341872-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM



Project Name: 1700 PARK AVENUE

Lab Number: L2006439

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Method Blank Analysis Batch Quality Control

Silver, Total	ND		mg/l	0.00040	0.00016	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM
Sodium, Total	ND		mg/l	0.100	0.0293	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM
Thallium, Total	0.00028	J	mg/l	0.00100	0.00014	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	02/18/20 21:27	02/19/20 08:38	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 11-13,15 Batch: WG1342380-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/19/20 21:28	02/20/20 13:24	1,7470A	GD

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 11-13,15 Batch: WG1342659-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	02/20/20 11:57	02/20/20 14:59	1,7470A	AL

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 11-13,15 Batch: WG1342674-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM



Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Method Blank Analysis Batch Quality Control

Cadmium, Dissolved	ND	mg/l	0.00020	0.00005	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM	
Calcium, Dissolved	ND	mg/l	0.100	0.0394	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM	
Chromium, Dissolved	ND	mg/l	0.00100	0.00017	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM	
Cobalt, Dissolved	ND	mg/l	0.00050	0.00016	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM	
Copper, Dissolved	ND	mg/l	0.00100	0.00038	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM	
Iron, Dissolved	ND	mg/l	0.0500	0.0191	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM	
Lead, Dissolved	ND	mg/l	0.00100	0.00034	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM	
Magnesium, Dissolved	ND	mg/l	0.0700	0.0242	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM	
Manganese, Dissolved	ND	mg/l	0.00100	0.00044	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM	
Nickel, Dissolved	ND	mg/l	0.00200	0.00055	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM	
Potassium, Dissolved	ND	mg/l	0.100	0.0309	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM	
Selenium, Dissolved	ND	mg/l	0.00500	0.00173	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM	
Silver, Dissolved	ND	mg/l	0.00040	0.00016	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM	
Sodium, Dissolved	ND	mg/l	0.100	0.0293	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM	
Thallium, Dissolved	0.00046	J	mg/l	0.00100	0.00014	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM
Vanadium, Dissolved	ND	mg/l	0.00500	0.00157	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM	
Zinc, Dissolved	ND	mg/l	0.01000	0.00341	1	02/20/20 11:32	02/20/20 22:09	1,6020B	AM	

Prep Information

Digestion Method: EPA 3005A



Lab Control Sample Analysis
Batch Quality Control**Project Name:** 1700 PARK AVENUE**Project Number:** 3482.0001Y**Lab Number:** L2006439**Report Date:** 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,06 Batch: WG1340499-2 SRM Lot Number: D105-540								
Mercury, Total	111		-		60-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,06 Batch: WG1340652-2 SRM Lot Number: D105-540					
Aluminum, Total	54	-	51-149	-	
Antimony, Total	171	-	19-249	-	
Arsenic, Total	103	-	70-130	-	
Barium, Total	93	-	75-125	-	
Beryllium, Total	99	-	75-125	-	
Cadmium, Total	99	-	75-125	-	
Calcium, Total	88	-	73-127	-	
Chromium, Total	94	-	70-130	-	
Cobalt, Total	99	-	75-125	-	
Copper, Total	96	-	75-125	-	
Iron, Total	76	-	38-162	-	
Lead, Total	95	-	71-128	-	
Magnesium, Total	74	-	63-137	-	
Manganese, Total	85	-	76-124	-	
Nickel, Total	98	-	70-131	-	
Potassium, Total	79	-	60-140	-	
Selenium, Total	98	-	63-137	-	
Silver, Total	97	-	69-131	-	
Sodium, Total	98	-	37-162	-	
Thallium, Total	96	-	68-132	-	
Vanadium, Total	89	-	65-135	-	

Lab Control Sample Analysis
Batch Quality Control**Project Name:** 1700 PARK AVENUE**Project Number:** 3482.0001Y**Lab Number:** L2006439**Report Date:** 02/24/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,06 Batch: WG1340652-2 SRM Lot Number: D105-540					
Zinc, Total	96	-	70-130	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1340859-2					
Aluminum, Total	102	-	80-120	-	
Antimony, Total	101	-	80-120	-	
Arsenic, Total	105	-	80-120	-	
Barium, Total	97	-	80-120	-	
Beryllium, Total	97	-	80-120	-	
Cadmium, Total	99	-	80-120	-	
Calcium, Total	95	-	80-120	-	
Chromium, Total	98	-	80-120	-	
Cobalt, Total	97	-	80-120	-	
Copper, Total	95	-	80-120	-	
Iron, Total	103	-	80-120	-	
Lead, Total	99	-	80-120	-	
Magnesium, Total	98	-	80-120	-	
Manganese, Total	93	-	80-120	-	
Nickel, Total	96	-	80-120	-	
Potassium, Total	101	-	80-120	-	
Selenium, Total	107	-	80-120	-	
Silver, Total	95	-	80-120	-	
Sodium, Total	100	-	80-120	-	
Thallium, Total	102	-	80-120	-	
Vanadium, Total	98	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1340859-2					
Zinc, Total	101	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1340887-2					
Mercury, Total	104	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-08 Batch: WG1341024-2 SRM Lot Number: D105-540					
Aluminum, Total	59	-	51-149	-	
Antimony, Total	130	-	19-249	-	
Arsenic, Total	96	-	70-130	-	
Barium, Total	90	-	75-125	-	
Beryllium, Total	96	-	75-125	-	
Cadmium, Total	93	-	75-125	-	
Calcium, Total	77	-	73-127	-	
Chromium, Total	90	-	70-130	-	
Cobalt, Total	94	-	75-125	-	
Copper, Total	95	-	75-125	-	
Iron, Total	69	-	38-162	-	
Lead, Total	93	-	71-128	-	
Magnesium, Total	85	-	63-137	-	
Manganese, Total	82	-	76-124	-	
Nickel, Total	94	-	70-131	-	
Potassium, Total	82	-	60-140	-	
Selenium, Total	87	-	63-137	-	
Silver, Total	88	-	69-131	-	
Sodium, Total	99	-	37-162	-	
Thallium, Total	90	-	68-132	-	
Vanadium, Total	87	-	65-135	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-08 Batch: WG1341024-2 SRM Lot Number: D105-540					
Zinc, Total	92	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 07-08 Batch: WG1341059-2 SRM Lot Number: D105-540					
Mercury, Total	99	-	60-141	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04,10 Batch: WG1341496-2 SRM Lot Number: D105-540					
Aluminum, Total	58	-	51-149	-	
Antimony, Total	132	-	19-249	-	
Arsenic, Total	98	-	70-130	-	
Barium, Total	94	-	75-125	-	
Beryllium, Total	98	-	75-125	-	
Cadmium, Total	96	-	75-125	-	
Calcium, Total	85	-	73-127	-	
Chromium, Total	94	-	70-130	-	
Cobalt, Total	94	-	75-125	-	
Copper, Total	92	-	75-125	-	
Iron, Total	75	-	38-162	-	
Lead, Total	89	-	71-128	-	
Magnesium, Total	77	-	63-137	-	
Manganese, Total	87	-	76-124	-	
Nickel, Total	94	-	70-131	-	
Potassium, Total	74	-	60-140	-	
Selenium, Total	93	-	63-137	-	
Silver, Total	96	-	69-131	-	
Sodium, Total	94	-	37-162	-	
Thallium, Total	93	-	68-132	-	
Vanadium, Total	86	-	65-135	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04,10 Batch: WG1341496-2 SRM Lot Number: D105-540					
Zinc, Total	93	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 10 Batch: WG1341532-2 SRM Lot Number: D105-540					
Mercury, Total	90	-	60-141	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11-13,15 Batch: WG1341872-2					
Aluminum, Total	108	-	80-120	-	
Antimony, Total	88	-	80-120	-	
Arsenic, Total	108	-	80-120	-	
Barium, Total	106	-	80-120	-	
Beryllium, Total	100	-	80-120	-	
Cadmium, Total	112	-	80-120	-	
Calcium, Total	105	-	80-120	-	
Chromium, Total	105	-	80-120	-	
Cobalt, Total	105	-	80-120	-	
Copper, Total	101	-	80-120	-	
Iron, Total	110	-	80-120	-	
Lead, Total	106	-	80-120	-	
Magnesium, Total	110	-	80-120	-	
Manganese, Total	104	-	80-120	-	
Nickel, Total	107	-	80-120	-	
Potassium, Total	107	-	80-120	-	
Selenium, Total	120	-	80-120	-	
Silver, Total	104	-	80-120	-	
Sodium, Total	108	-	80-120	-	
Thallium, Total	110	-	80-120	-	
Vanadium, Total	106	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11-13,15 Batch: WG1341872-2					
Zinc, Total	113	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 11-13,15 Batch: WG1342380-2					
Mercury, Total	97	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 11-13,15 Batch: WG1342659-2					
Mercury, Dissolved	109	-	80-120	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 11-13,15 Batch: WG1342674-2					
Aluminum, Dissolved	90	-	80-120	-	
Antimony, Dissolved	92	-	80-120	-	
Arsenic, Dissolved	101	-	80-120	-	
Barium, Dissolved	103	-	80-120	-	
Beryllium, Dissolved	106	-	80-120	-	
Cadmium, Dissolved	100	-	80-120	-	
Calcium, Dissolved	96	-	80-120	-	
Chromium, Dissolved	97	-	80-120	-	
Cobalt, Dissolved	100	-	80-120	-	
Copper, Dissolved	94	-	80-120	-	
Iron, Dissolved	117	-	80-120	-	
Lead, Dissolved	103	-	80-120	-	
Magnesium, Dissolved	90	-	80-120	-	
Manganese, Dissolved	96	-	80-120	-	
Nickel, Dissolved	99	-	80-120	-	
Potassium, Dissolved	99	-	80-120	-	
Selenium, Dissolved	103	-	80-120	-	
Silver, Dissolved	96	-	80-120	-	
Sodium, Dissolved	89	-	80-120	-	
Thallium, Dissolved	104	-	80-120	-	
Vanadium, Dissolved	101	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control**Project Name:** 1700 PARK AVENUE**Project Number:** 3482.0001Y**Lab Number:** L2006439**Report Date:** 02/24/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 11-13,15 Batch: WG1342674-2					
Zinc, Dissolved	100	-	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,06 QC Batch ID: WG1340499-3 WG1340499-4 QC Sample: L2006439-04 Client ID: RSB-1700-3_0-2												
Mercury, Total	0.099	0.156	0.256	100		0.258	107		80-120	1		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,06 QC Batch ID: WG1340652-3 WG1340652-4 QC Sample: L2006439-04 Client ID: RSB-1700-3_0-2												
Aluminum, Total	2970	176	3530	317	Q	4420	852	Q	75-125	22	Q	20
Antimony, Total	0.613J	44.1	46.4	105		43.5	102		75-125	6		20
Arsenic, Total	3.26	10.6	15.1	112		14.7	112		75-125	3		20
Barium, Total	40.3	176	215	99		212	101		75-125	1		20
Beryllium, Total	ND	4.41	4.27	97		4.14	97		75-125	3		20
Cadmium, Total	0.166J	4.5	4.58	102		4.34	100		75-125	5		20
Calcium, Total	47800	883	53700	668	Q	58900	1300	Q	75-125	9		20
Chromium, Total	6.14	17.6	24.1	102		23.1	100		75-125	4		20
Cobalt, Total	2.30	44.1	44.0	94		41.5	92		75-125	6		20
Copper, Total	7.01	22.1	29.9	104		29.6	106		75-125	1		20
Iron, Total	4720	88.3	5510	895	Q	5170	529	Q	75-125	6		20
Lead, Total	88.3	45	112	53	Q	99.2	25	Q	75-125	12		20
Magnesium, Total	3820	883	6590	314	Q	10000	726	Q	75-125	41	Q	20
Manganese, Total	116	44.1	168	118		164	113		75-125	2		20
Nickel, Total	5.88	44.1	46.4	92		43.7	89		75-125	6		20
Potassium, Total	599	883	1720	127	Q	1610	119		75-125	7		20
Selenium, Total	0.587J	10.6	11.4	108		11.0	108		75-125	4		20
Silver, Total	ND	26.5	28.2	106		26.9	105		75-125	5		20
Sodium, Total	247	883	1230	111		1300	124		75-125	6		20
Thallium, Total	ND	10.6	8.27	78		8.20	80		75-125	1		20
Vanadium, Total	17.0	44.1	62.6	103		58.5	98		75-125	7		20

Matrix Spike Analysis
Batch Quality Control**Project Name:** 1700 PARK AVENUE**Project Number:** 3482.0001Y**Lab Number:** L2006439**Report Date:** 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,06 QC Batch ID: WG1340652-3 WG1340652-4 QC Sample: L2006439-04 Client ID: RSB-1700-3_0-2									
Zinc, Total	64.3	44.1	110	104	99.1	82	75-125	10	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1340859-3 QC Sample: L2006161-16 Client ID: MS Sample									
Aluminum, Total	ND	2	2.01	100	-	-	75-125	-	20
Antimony, Total	ND	0.5	0.491	98	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.125	104	-	-	75-125	-	20
Barium, Total	ND	2	1.90	95	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.048	96	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.050	98	-	-	75-125	-	20
Calcium, Total	ND	10	9.41	94	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.194	97	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.476	95	-	-	75-125	-	20
Copper, Total	ND	0.25	0.236	94	-	-	75-125	-	20
Iron, Total	0.045J	1	1.00	100	-	-	75-125	-	20
Lead, Total	ND	0.51	0.498	98	-	-	75-125	-	20
Magnesium, Total	ND	10	9.77	98	-	-	75-125	-	20
Manganese, Total	ND	0.5	0.457	91	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.473	95	-	-	75-125	-	20
Potassium, Total	ND	10	9.87	99	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.126	105	-	-	75-125	-	20
Silver, Total	ND	0.05	0.048	96	-	-	75-125	-	20
Sodium, Total	0.190J	10	10.1	101	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.120	100	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.483	97	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03			QC Batch ID: WG1340859-3		QC Sample: L2006161-16		Client ID: MS Sample		
Zinc, Total	ND	0.5	0.498	100	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 03			QC Batch ID: WG1340887-3		QC Sample: L2006363-07		Client ID: MS Sample		
Mercury, Total	ND	0.005	0.00497	100	-	-	75-125	-	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-08			QC Batch ID: WG1341024-3		QC Sample: L2006643-02		Client ID: MS Sample		
Aluminum, Total	4620	164	4810	116	-	-	75-125	-	20
Antimony, Total	ND	40.9	31.6	77	-	-	75-125	-	20
Arsenic, Total	0.914	9.82	10.6	99	-	-	75-125	-	20
Barium, Total	27.4	164	177	91	-	-	75-125	-	20
Beryllium, Total	0.051J	4.09	3.56	87	-	-	75-125	-	20
Cadmium, Total	0.156J	4.17	3.55	85	-	-	75-125	-	20
Calcium, Total	55900	818	58700	342	Q	-	75-125	-	20
Chromium, Total	9.43	16.4	23.1	84	-	-	75-125	-	20
Cobalt, Total	4.21	40.9	36.8	80	-	-	75-125	-	20
Copper, Total	11.0	20.4	29.5	90	-	-	75-125	-	20
Iron, Total	7070	81.8	7130	73	Q	-	75-125	-	20
Lead, Total	4.26	41.7	35.4	75	-	-	75-125	-	20
Magnesium, Total	29200	818	31300	257	Q	-	75-125	-	20
Manganese, Total	181	40.9	214	81	-	-	75-125	-	20
Nickel, Total	6.62	40.9	39.0	79	-	-	75-125	-	20
Potassium, Total	1170	818	2040	106	-	-	75-125	-	20
Selenium, Total	ND	9.82	8.59	88	-	-	75-125	-	20
Silver, Total	ND	24.5	23.4	95	-	-	75-125	-	20
Sodium, Total	611	818	1420	99	-	-	75-125	-	20
Thallium, Total	ND	9.82	6.40	65	Q	-	75-125	-	20
Vanadium, Total	14.8	40.9	50.6	88	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-08			QC Batch ID: WG1341024-3		QC Sample: L2006643-02		Client ID: MS Sample		
Zinc, Total	23.6	40.9	55.6	78	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 07-08			QC Batch ID: WG1341059-3		QC Sample: L2006150-08		Client ID: MS Sample		
Mercury, Total	ND	0.157	0.144	91	-	-	80-120	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04,10 3_0-2 QC Batch ID: WG1341496-3 WG1341496-4 QC Sample: L2006439-04 Client ID: RSB-1700-											
Aluminum, Total	2960	175	3490	303	Q	2960	0	Q	75-125	16	20
Antimony, Total	ND	43.7	37.7	86		38.9	88		75-125	3	20
Arsenic, Total	3.62	10.5	14.5	104		14.4	102		75-125	1	20
Barium, Total	41.7	175	197	89		204	92		75-125	3	20
Beryllium, Total	0.098J	4.37	4.20	96		4.15	94		75-125	1	20
Cadmium, Total	0.342J	4.45	4.30	96		4.34	97		75-125	1	20
Calcium, Total	44300	873	38300	0	Q	38400	0	Q	75-125	0	20
Chromium, Total	5.90	17.5	20.8	85		23.4	100		75-125	12	20
Cobalt, Total	2.26	43.7	40.2	87		40.4	87		75-125	0	20
Copper, Total	6.88	21.8	28.3	98		27.5	94		75-125	3	20
Iron, Total	5280	87.3	4340	0	Q	5180	0	Q	75-125	18	20
Lead, Total	56.3	44.5	88.0	71	Q	96.2	89		75-125	9	20
Magnesium, Total	4900	873	2940	0	Q	5320	48	Q	75-125	58	Q 20
Manganese, Total	130	43.7	138	18	Q	144	32	Q	75-125	4	20
Nickel, Total	4.78	43.7	41.7	84		48.3	99		75-125	15	20
Potassium, Total	597	873	1360	87		1470	99		75-125	8	20
Selenium, Total	ND	10.5	10.0	95		10.0	95		75-125	0	20
Silver, Total	ND	26.2	26.3	100		26.6	101		75-125	1	20
Sodium, Total	258	873	1240	112		1080	94		75-125	14	20
Thallium, Total	ND	10.5	8.76	84		8.52	81		75-125	3	20
Vanadium, Total	15.0	43.7	54.0	89		60.4	103		75-125	11	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 04,10_0-2 QC Batch ID: WG1341496-3 WG1341496-4 QC Sample: L2006439-04 Client ID: RSB-1700-3_0-2									
Zinc, Total	55.6	43.7	100	102	99.0	99	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 10 QC Batch ID: WG1341532-3 QC Sample: L2006439-10 Client ID: RSB-1700-1_6-8									
Mercury, Total	ND	0.143	0.207	145	Q	-	80-120	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11-13,15 QC Batch ID: WG1341872-3 WG1341872-4 QC Sample: L2006487-03 Client ID: MS Sample									
Aluminum, Total	0.0476	2	2.23	109	2.28	112	75-125	2	20
Antimony, Total	0.00273J	0.5	0.4065	81	0.4340	87	75-125	7	20
Arsenic, Total	ND	0.12	0.1331	111	0.1312	109	75-125	1	20
Barium, Total	0.09280	2	2.216	106	2.211	106	75-125	0	20
Beryllium, Total	ND	0.05	0.05345	107	0.05227	104	75-125	2	20
Cadmium, Total	0.00011J	0.051	0.05960	117	0.05546	109	75-125	7	20
Calcium, Total	81.3	10	89.6	83	90.3	90	75-125	1	20
Chromium, Total	0.00096J	0.2	0.2123	106	0.2149	107	75-125	1	20
Cobalt, Total	0.00030J	0.5	0.5306	106	0.5324	106	75-125	0	20
Copper, Total	0.00060J	0.25	0.2599	104	0.2497	100	75-125	4	20
Iron, Total	0.117	1	1.38	126	Q 1.38	126	Q 75-125	0	20
Lead, Total	ND	0.51	0.5434	106	0.5433	106	75-125	0	20
Magnesium, Total	30.0	10	41.3	113	40.9	109	75-125	1	20
Manganese, Total	0.01252	0.5	0.5559	109	0.5530	108	75-125	1	20
Nickel, Total	0.00173J	0.5	0.5288	106	0.5417	108	75-125	2	20
Potassium, Total	2.13	10	12.9	108	13.0	109	75-125	1	20
Selenium, Total	ND	0.12	0.140	117	0.146	122	75-125	4	20
Silver, Total	ND	0.05	0.05177	104	0.05156	103	75-125	0	20
Sodium, Total	142.	10	142	0	Q 144	20	Q 75-125	1	20
Thallium, Total	0.00033J	0.12	0.1400	117	0.1357	113	75-125	3	20
Vanadium, Total	ND	0.5	0.5353	107	0.5372	107	75-125	0	20

Matrix Spike Analysis Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11-13,15 QC Batch ID: WG1341872-3 WG1341872-4 QC Sample: L2006487-03 Client ID: MS Sample									
Zinc, Total	0.01324	0.5	0.5819	114	0.5826	114	75-125	0	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11-13,15 QC Batch ID: WG1341872-7 WG1341872-8 QC Sample: L2006439-15 Client ID: B-4											
Aluminum, Total	0.00395J	2	2.15	108		2.18	109		75-125	1	20
Antimony, Total	0.00050J	0.5	0.4124	82		0.4528	90		75-125	9	20
Arsenic, Total	0.00044J	0.12	0.1322	110		0.1352	113		75-125	2	20
Barium, Total	0.03778	2	2.177	107		2.180	107		75-125	0	20
Beryllium, Total	ND	0.05	0.05128	102		0.05286	106		75-125	3	20
Cadmium, Total	0.00008J	0.051	0.05591	110		0.05649	111		75-125	1	20
Calcium, Total	498.	10	500	20	Q	499	10	Q	75-125	0	20
Chromium, Total	0.00295	0.2	0.2103	104		0.2100	104		75-125	0	20
Cobalt, Total	0.00058	0.5	0.5172	103		0.5169	103		75-125	0	20
Copper, Total	0.00507	0.25	0.2590	102		0.2447	96		75-125	6	20
Iron, Total	ND	1	1.21	121		1.12	112		75-125	8	20
Lead, Total	0.00174	0.51	0.5426	106		0.5429	106		75-125	0	20
Magnesium, Total	130.	10	135	50	Q	138	80		75-125	2	20
Manganese, Total	0.01582	0.5	0.5378	104		0.5410	105		75-125	1	20
Nickel, Total	0.00259	0.5	0.5103	102		0.5166	103		75-125	1	20
Potassium, Total	18.0	10	28.2	102		28.4	104		75-125	1	20
Selenium, Total	0.00947	0.12	0.150	117		0.153	120		75-125	2	20
Silver, Total	ND	0.05	0.05070	101		0.05174	103		75-125	2	20
Sodium, Total	190.	10	188	0	Q	188	0	Q	75-125	0	20
Thallium, Total	0.00028J	0.12	0.1420	118		0.1372	114		75-125	3	20
Vanadium, Total	ND	0.5	0.5350	107		0.5259	105		75-125	2	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11-13,15 QC Batch ID: WG1341872-7 WG1341872-8 QC Sample: L2006439-15 Client ID: B-4									
Zinc, Total	0.01742	0.5	0.5570	108	0.5630	109	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 11-13,15 QC Batch ID: WG1342380-3 WG1342380-4 QC Sample: L2006439-15 Client ID: B-4									
Mercury, Total	ND	0.005	0.00498	100	0.00483	97	75-125	3	20
Dissolved Metals - Mansfield Lab Associated sample(s): 11-13,15 QC Batch ID: WG1342659-3 WG1342659-4 QC Sample: L2006439-15 Client ID: B-4									
Mercury, Dissolved	ND	0.005	0.00518	104	0.00504	101	75-125	3	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 11-13,15 QC Batch ID: WG1342674-3 WG1342674-4 QC Sample: L2006439-15 Client ID: B-4									
Aluminum, Dissolved	0.00585J	2	1.91	96	1.97	98	75-125	3	20
Antimony, Dissolved	0.00175J	0.5	0.4937	99	0.4935	99	75-125	0	20
Arsenic, Dissolved	0.00056	0.12	0.1258	104	0.1244	103	75-125	1	20
Barium, Dissolved	0.03356	2	2.053	101	2.070	102	75-125	1	20
Beryllium, Dissolved	ND	0.05	0.05405	108	0.05321	106	75-125	2	20
Cadmium, Dissolved	0.00007J	0.051	0.05167	101	0.05093	100	75-125	1	20
Calcium, Dissolved	410.	10	431	210	Q 431	210	Q 75-125	0	20
Chromium, Dissolved	0.00276	0.2	0.1971	97	0.2013	99	75-125	2	20
Cobalt, Dissolved	0.00062	0.5	0.4880	97	0.5011	100	75-125	3	20
Copper, Dissolved	0.00540	0.25	0.2419	94	0.2476	97	75-125	2	20
Iron, Dissolved	0.0306J	1	1.35	135	Q 1.24	124	75-125	8	20
Lead, Dissolved	0.00152	0.51	0.5293	103	0.5324	104	75-125	1	20
Magnesium, Dissolved	92.2	10	114	218	Q 118	258	Q 75-125	3	20
Manganese, Dissolved	0.01977	0.5	0.5109	98	0.5178	100	75-125	1	20
Nickel, Dissolved	0.00281	0.5	0.4882	97	0.4983	99	75-125	2	20
Potassium, Dissolved	15.1	10	25.4	103	26.0	109	75-125	2	20
Selenium, Dissolved	0.00908	0.12	0.137	107	0.128	99	75-125	7	20
Silver, Dissolved	ND	0.05	0.04825	96	0.04922	98	75-125	2	20
Sodium, Dissolved	162.	10	186	240	Q 193	310	Q 75-125	4	20
Thallium, Dissolved	0.00041J	0.12	0.1328	111	0.1293	108	75-125	3	20
Vanadium, Dissolved	ND	0.5	0.5117	102	0.5259	105	75-125	3	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 11-13,15 QC Batch ID: WG1342674-3 WG1342674-4 QC Sample: L2006439-15 Client ID: B-4									
Zinc, Dissolved	0.02373	0.5	0.5263	100	0.5371	103	75-125	2	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1340859-4 QC Sample: L2006161-16 Client ID: DUP Sample						
Aluminum, Total	ND	ND	mg/l	NC		20
Antimony, Total	ND	ND	mg/l	NC		20
Arsenic, Total	ND	ND	mg/l	NC		20
Barium, Total	ND	ND	mg/l	NC		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Calcium, Total	ND	ND	mg/l	NC		20
Chromium, Total	ND	ND	mg/l	NC		20
Cobalt, Total	ND	ND	mg/l	NC		20
Copper, Total	ND	ND	mg/l	NC		20
Iron, Total	0.045J	ND	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Magnesium, Total	ND	ND	mg/l	NC		20
Manganese, Total	ND	ND	mg/l	NC		20
Nickel, Total	ND	ND	mg/l	NC		20
Potassium, Total	ND	ND	mg/l	NC		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	0.190J	0.149J	mg/l	NC		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1340859-4 QC Sample: L2006161-16 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1340887-4 QC Sample: L2006363-07 Client ID: DUP Sample					
Mercury, Total	ND	0.00020	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 07-08 QC Batch ID: WG1341024-4 QC Sample: L2006643-02 Client ID: DUP Sample					
Arsenic, Total	0.914	0.873	mg/kg	5	20
Barium, Total	27.4	23.9	mg/kg	14	20
Cadmium, Total	0.156J	0.138J	mg/kg	NC	20
Chromium, Total	9.43	8.23	mg/kg	14	20
Lead, Total	4.26	3.65	mg/kg	15	20
Selenium, Total	ND	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Total Metals - Mansfield Lab Associated sample(s): 07-08 QC Batch ID: WG1341059-4 QC Sample: L2006150-08 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20
Total Metals - Mansfield Lab Associated sample(s): 10 QC Batch ID: WG1341532-4 QC Sample: L2006439-10 Client ID: RSB-1700-1_6-8					
Mercury, Total	ND	ND	mg/kg	NC	20

INORGANICS & MISCELLANEOUS

Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-01

Date Collected: 02/12/20 11:30

Client ID: RSB-1700-2_0-2

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.1		%	0.100	NA	1	-	02/13/20 02:10	121,2540G	YA
Cyanide, Total	ND		mg/kg	1.1	0.24	1	02/13/20 16:35	02/14/20 15:23	1,9010C/9012B	LH
Chromium, Hexavalent	0.298	J	mg/kg	0.918	0.184	1	02/13/20 17:00	02/14/20 02:50	1,7196A	KF



Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-02

Date Collected: 02/12/20 12:00

Client ID: DUP-1700-20200212

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.9		%	0.100	NA	1	-	02/13/20 02:10	121,2540G	YA
Cyanide, Total	ND		mg/kg	1.1	0.22	1	02/13/20 16:35	02/14/20 15:24	1,9010C/9012B	LH
Chromium, Hexavalent	0.426	J	mg/kg	0.920	0.184	1	02/13/20 17:00	02/14/20 02:50	1,7196A	KF



Project Name: 1700 PARK AVENUE**Project Number:** 3482.0001Y**Lab Number:** L2006439**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-03**Client ID:** FB-1700-20200212**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Date Collected:** 02/12/20 15:00**Date Received:** 02/12/20**Field Prep:** Not Specified**Sample Depth:****Matrix:** Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	02/14/20 16:40	02/17/20 14:58	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	02/13/20 04:45	02/13/20 05:10	1,7196A	CB



Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-04

Date Collected: 02/12/20 15:30

Client ID: RSB-1700-3_0-2

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.9		%	0.100	NA	1	-	02/13/20 02:10	121,2540G	YA
Cyanide, Total	ND		mg/kg	1.1	0.23	1	02/13/20 16:35	02/14/20 15:25	1,9010C/9012B	LH
Chromium, Hexavalent	0.349	J	mg/kg	0.900	0.180	1	02/13/20 17:00	02/14/20 02:50	1,7196A	KF



Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-06

Date Collected: 02/12/20 16:30

Client ID: RSB-1700-1_0-2

Date Received: 02/12/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.0		%	0.100	NA	1	-	02/13/20 02:10	121,2540G	YA
Cyanide, Total	ND		mg/kg	1.1	0.23	1	02/13/20 16:35	02/14/20 15:18	1,9010C/9012B	LH
Chromium, Hexavalent	0.356	J	mg/kg	0.920	0.184	1	02/13/20 17:00	02/14/20 02:50	1,7196A	KF



Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-07

Client ID: RSB-1700-3_5-7

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/13/20 13:30

Date Received: 02/13/20

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	02/14/20 12:18	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	02/14/20 20:10	02/17/20 13:20	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.936	0.187	1	02/14/20 13:07	02/14/20 22:00	1,7196A	DR



Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-08

Date Collected: 02/13/20 14:00

Client ID: RSB-1700-2_5-7

Date Received: 02/13/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	02/14/20 12:18	121,2540G	RI
Cyanide, Total	0.30	J	mg/kg	1.1	0.24	1	02/14/20 20:25	02/17/20 13:51	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.930	0.186	1	02/14/20 13:07	02/14/20 22:00	1,7196A	DR



Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-10

Date Collected: 02/14/20 09:45

Client ID: RSB-1700-1_6-8

Date Received: 02/14/20

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.9		%	0.100	NA	1	-	02/15/20 10:01	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/16/20 14:50	02/17/20 11:23	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/kg	0.910	0.182	1	02/17/20 16:20	02/18/20 10:00	1,7196A	DR



Project Name: 1700 PARK AVENUE**Project Number:** 3482.0001Y**Lab Number:** L2006439**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-11**Client ID:** RMW-1700-1**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Date Collected:** 02/14/20 15:00**Date Received:** 02/14/20**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.008		mg/l	0.005	0.001	1	02/17/20 14:00	02/17/20 16:10	1,9010C/9012B	LH
Chromium, Hexavalent	0.003	J	mg/l	0.010	0.003	1	02/15/20 11:00	02/15/20 11:22	1,7196A	JA



Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

SAMPLE RESULTS

Lab ID: L2006439-12

Client ID: DUP-1700-20200214_002

Sample Location: 1700 PARK AVENUE, NEW YORK, NY

Date Collected: 02/14/20 12:05

Date Received: 02/14/20

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.008		mg/l	0.005	0.001	1	02/17/20 14:00	02/17/20 16:12	1,9010C/9012B	LH
Chromium, Hexavalent	0.003	J	mg/l	0.010	0.003	1	02/15/20 11:00	02/15/20 11:24	1,7196A	JA



Project Name: 1700 PARK AVENUE**Project Number:** 3482.0001Y**Lab Number:** L2006439**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-13**Client ID:** FB-1700-20200214_002**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Date Collected:** 02/14/20 16:00**Date Received:** 02/14/20**Field Prep:** Not Specified**Sample Depth:****Matrix:** Field Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	02/17/20 14:00	02/17/20 16:13	1,9010C/9012B	LH
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	02/15/20 11:00	02/15/20 11:24	1,7196A	JA



Project Name: 1700 PARK AVENUE**Project Number:** 3482.0001Y**Lab Number:** L2006439**Report Date:** 02/24/20**SAMPLE RESULTS****Lab ID:** L2006439-15**Client ID:** B-4**Sample Location:** 1700 PARK AVENUE, NEW YORK, NY**Date Collected:** 02/17/20 09:00**Date Received:** 02/17/20**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.007		mg/l	0.005	0.001	1	02/18/20 14:20	02/19/20 12:50	1,9010C/9012B	LH
Chromium, Hexavalent	0.004	J	mg/l	0.010	0.003	1	02/18/20 05:00	02/18/20 05:46	1,7196A	JA



Project Name: 1700 PARK AVENUE

Lab Number: L2006439

Project Number: 3482.0001Y

Report Date: 02/24/20

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 03 Batch: WG1340225-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	02/13/20 04:45	02/13/20 05:09	1,7196A	CB
General Chemistry - Westborough Lab for sample(s): 01-02,06 Batch: WG1340423-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	02/13/20 16:35	02/14/20 14:40	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 04 Batch: WG1340424-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	02/13/20 16:35	02/14/20 14:41	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 01-02,04,06 Batch: WG1340461-1										
Chromium, Hexavalent	0.320	J	mg/kg	0.800	0.160	1	02/13/20 17:00	02/14/20 02:50	1,7196A	KF
General Chemistry - Westborough Lab for sample(s): 07-08 Batch: WG1340885-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	02/14/20 13:07	02/14/20 22:00	1,7196A	DR
General Chemistry - Westborough Lab for sample(s): 03 Batch: WG1340904-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	02/14/20 16:40	02/17/20 14:39	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 07 Batch: WG1340944-1										
Cyanide, Total	ND		mg/kg	0.84	0.18	1	02/14/20 20:10	02/17/20 12:44	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 08 Batch: WG1340945-1										
Cyanide, Total	ND		mg/kg	0.96	0.20	1	02/14/20 20:25	02/17/20 13:21	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 11-13 Batch: WG1341124-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	02/15/20 11:00	02/15/20 11:21	1,7196A	JA
General Chemistry - Westborough Lab for sample(s): 10 Batch: WG1341238-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	02/16/20 14:50	02/17/20 11:13	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 10 Batch: WG1341353-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	02/17/20 16:20	02/18/20 10:00	1,7196A	DR
General Chemistry - Westborough Lab for sample(s): 11-13 Batch: WG1341484-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	02/17/20 14:00	02/17/20 16:06	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 15 Batch: WG1341659-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	02/18/20 05:00	02/18/20 05:41	1,7196A	JA
General Chemistry - Westborough Lab for sample(s): 15 Batch: WG1341820-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	02/18/20 14:20	02/19/20 12:11	1,9010C/9012B	LH



Lab Control Sample Analysis Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03 Batch: WG1340225-2								
Chromium, Hexavalent	102		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,06 Batch: WG1340423-2 WG1340423-3								
Cyanide, Total	66	Q	75	Q	80-120	13		35
General Chemistry - Westborough Lab Associated sample(s): 04 Batch: WG1340424-2 WG1340424-3								
Cyanide, Total	66	Q	75	Q	80-120	13		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,04,06 Batch: WG1340461-2								
Chromium, Hexavalent	105		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 07-08 Batch: WG1340885-2								
Chromium, Hexavalent	109		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 03 Batch: WG1340904-2 WG1340904-3								
Cyanide, Total	95		96		85-115	1		20
General Chemistry - Westborough Lab Associated sample(s): 07 Batch: WG1340944-2 WG1340944-3								
Cyanide, Total	79	Q	74	Q	80-120	7		35

Lab Control Sample Analysis Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	LCS %Recovery		LCSD %Recovery		%Recovery Limits	RPD		RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 08 Batch: WG1340945-2 WG1340945-3								
Cyanide, Total	75	Q	71	Q	80-120	5		35
General Chemistry - Westborough Lab Associated sample(s): 11-13 Batch: WG1341124-2								
Chromium, Hexavalent	102		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 10 Batch: WG1341238-2 WG1341238-3								
Cyanide, Total	68	Q	37	Q	80-120	59	Q	35
General Chemistry - Westborough Lab Associated sample(s): 10 Batch: WG1341353-2								
Chromium, Hexavalent	90		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 11-13 Batch: WG1341484-2 WG1341484-3								
Cyanide, Total	93		93		85-115	0		20
General Chemistry - Westborough Lab Associated sample(s): 15 Batch: WG1341659-2								
Chromium, Hexavalent	99		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 15 Batch: WG1341820-2 WG1341820-3								
Cyanide, Total	96		98		85-115	2		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1340225-4 QC Sample: L2006439-03 Client ID: FB-1700-20200212												
Chromium, Hexavalent	ND	0.1	0.111	111		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,06 QC Batch ID: WG1340423-4 WG1340423-5 QC Sample: L2006150-06 Client ID: MS Sample												
Cyanide, Total	ND	11	11	100		10	95		75-125	10		35
General Chemistry - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1340424-4 WG1340424-5 QC Sample: L2006439-04 Client ID: RSB-1700-3_0-2												
Cyanide, Total	ND	11	7.8	70	Q	9.8	93		75-125	23		35
General Chemistry - Westborough Lab Associated sample(s): 01-02,04,06 QC Batch ID: WG1340461-4 WG1340461-5 QC Sample: L2006439-04 Client ID: RSB-1700-3_0-2												
Chromium, Hexavalent	0.349J	922	1000	108		943	109		75-125	1		20
General Chemistry - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG1340885-4 QC Sample: L2006439-07 Client ID: RSB-1700-3_5-7												
Chromium, Hexavalent	ND	772	777	101		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1340904-4 WG1340904-5 QC Sample: L2006720-02 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.198	99		0.194	97		80-120	2		20
General Chemistry - Westborough Lab Associated sample(s): 07 QC Batch ID: WG1340944-4 WG1340944-5 QC Sample: L2006150-08 Client ID: MS Sample												
Cyanide, Total	ND	12	11	94		11	94		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 08 QC Batch ID: WG1340945-4 WG1340945-5 QC Sample: L2006176-06 Client ID: MS Sample												
Cyanide, Total	ND	12	10	82		10	83		75-125	0		35

Matrix Spike Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 11-13 QC Batch ID: WG1341124-4 QC Sample: L2006439-11 Client ID: RMW-1700-1									
Chromium, Hexavalent	0.003J	0.1	0.107	107	-	-	85-115	-	20
General Chemistry - Westborough Lab Associated sample(s): 10 QC Batch ID: WG1341238-4 WG1341238-5 QC Sample: L2006964-01 Client ID: MS Sample									
Cyanide, Total	ND	11	11	100	9.4	92	75-125	16	35
General Chemistry - Westborough Lab Associated sample(s): 10 QC Batch ID: WG1341353-4 QC Sample: L2006439-10 Client ID: RSB-1700-1_6-8									
Chromium, Hexavalent	ND	1000	1060	106	-	-	75-125	-	20
General Chemistry - Westborough Lab Associated sample(s): 11-13 QC Batch ID: WG1341484-4 WG1341484-5 QC Sample: L2006934-01 Client ID: MS Sample									
Cyanide, Total	0.016	0.2	0.221	102	0.228	106	80-120	3	20
General Chemistry - Westborough Lab Associated sample(s): 15 QC Batch ID: WG1341659-4 WG1341659-5 QC Sample: L2006439-15 Client ID: B-4									
Chromium, Hexavalent	0.004J	0.1	0.104	104	0.108	108	85-115	4	20
General Chemistry - Westborough Lab Associated sample(s): 15 QC Batch ID: WG1341820-4 WG1341820-5 QC Sample: L2006439-15 Client ID: B-4									
Cyanide, Total	0.007	0.2	0.205	99	0.209	101	80-120	2	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: 1700 PARK AVENUE

Project Number: 3482.0001Y

Lab Number: L2006439

Report Date: 02/24/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,04,06 QC Batch ID: WG1340211-1 QC Sample: L2006439-04 Client ID: RSB-1700-3_0-2						
Solids, Total	88.9	86.7	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1340225-3 QC Sample: L2006439-03 Client ID: FB-1700-20200212						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,04,06 QC Batch ID: WG1340461-7 QC Sample: L2006439-04 Client ID: RSB-1700-3_0-2						
Chromium, Hexavalent	0.349J	0.349J	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG1340842-1 QC Sample: L2006717-01 Client ID: DUP Sample						
Solids, Total	49.0	49.9	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG1340885-6 QC Sample: L2006439-07 Client ID: RSB-1700-3_5-7						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 10 QC Batch ID: WG1341075-1 QC Sample: L2006874-07 Client ID: DUP Sample						
Solids, Total	89.6	89.0	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 11-13 QC Batch ID: WG1341124-3 QC Sample: L2006439-11 Client ID: RMW-1700-1						
Chromium, Hexavalent	0.003J	0.004J	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 10 QC Batch ID: WG1341353-6 QC Sample: L2006439-10 Client ID: RSB-1700-1_6-8						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 15 QC Batch ID: WG1341659-3 QC Sample: L2006439-15 Client ID: B-4					
Chromium, Hexavalent	0.004J	0.004J	mg/l	NC	20

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler Custody Seal**

A	Absent
D	Absent
E	Absent
F	Absent
G	Absent
H	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2006439-01A	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-01B	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-01C	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-01D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L2006439-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),AL-Ti(180),PB-Ti(180),SE-Ti(180),CU-Ti(180),SB-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),FE-Ti(180),NA-Ti(180),K-Ti(180),CD-Ti(180),CA-Ti(180)
L2006439-01F	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2006439-01G	Glass 500ml/16oz unpreserved	A	NA		3.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2006439-01X	Vial MeOH preserved split	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-01Y	Vial Water preserved split	A	NA		3.3	Y	Absent	13-FEB-20 06:51	NYTCL-8260HLW(14)
L2006439-01Z	Vial Water preserved split	A	NA		3.3	Y	Absent	13-FEB-20 06:51	NYTCL-8260HLW(14)
L2006439-02A	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-02B	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-02C	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Serial_No: 02242016:11
Lab Number: L2006439
Report Date: 02/24/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2006439-02D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L2006439-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),AL-Ti(180),TL-Ti(180),CU-Ti(180),SE-Ti(180),ZN-Ti(180),PB-Ti(180),SB-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),FE-Ti(180),MG-Ti(180),MN-Ti(180),K-Ti(180),NA-Ti(180),CA-Ti(180),CD-Ti(180)
L2006439-02F	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2006439-02G	Glass 500ml/16oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2006439-02X	Vial MeOH preserved split	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-02Y	Vial Water preserved split	A	NA		3.3	Y	Absent	13-FEB-20 06:51	NYTCL-8260HLW(14)
L2006439-02Z	Vial Water preserved split	A	NA		3.3	Y	Absent	13-FEB-20 06:51	NYTCL-8260HLW(14)
L2006439-03A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2006439-03B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2006439-03C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2006439-03D	Plastic 250ml unpreserved	A	7	7	3.3	Y	Absent		HEXCR-7196(1)
L2006439-03E	Plastic 250ml NaOH preserved	A	>12	>12	3.3	Y	Absent		TCN-9010(14)
L2006439-03F	Plastic 250ml unpreserved	A	7	7	3.3	Y	Absent		-
L2006439-03G	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),CR-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),SB-Ti(180),SE-Ti(180),CU-Ti(180),PB-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),FE-Ti(180),MG-Ti(180),MN-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180),CA-Ti(180)
L2006439-03H	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8082-LVI(7)
L2006439-03I	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8082-LVI(7)
L2006439-03J	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8081(7)
L2006439-03K	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8081(7)
L2006439-03L	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-LVI(7)
L2006439-03M	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-LVI(7)
L2006439-03N	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		HOLD-1,4DIOX(7)
L2006439-03O	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		HOLD-1,4DIOX(7)

*Values in parentheses indicate holding time in days

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Serial_No: 02242016:11
Lab Number: L2006439
Report Date: 02/24/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2006439-03P	Amber 1000ml unpreserved	A	7	7	3.3	Y	Absent		HERB-APA(7)
L2006439-03Q	Amber 1000ml unpreserved	A	7	7	3.3	Y	Absent		HERB-APA(7)
L2006439-03X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.3	Y	Absent		-
L2006439-04A	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-04A1	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-04A2	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-04B	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-04B1	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-04B2	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-04C	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-04C1	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-04C2	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-04D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L2006439-04D1	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L2006439-04D2	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L2006439-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),SB-Ti(180),CU-Ti(180),PB-Ti(180),SE-Ti(180),ZN-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),NA-Ti(180),CD-Ti(180),K-Ti(180),CA-Ti(180)
L2006439-04E1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),SB-Ti(180),CU-Ti(180),PB-Ti(180),SE-Ti(180),ZN-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),NA-Ti(180),CD-Ti(180),K-Ti(180),CA-Ti(180)
L2006439-04E2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),SB-Ti(180),CU-Ti(180),PB-Ti(180),SE-Ti(180),ZN-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),NA-Ti(180),CD-Ti(180),K-Ti(180),CA-Ti(180)
L2006439-04F	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Serial_No: 02242016:11
Lab Number: L2006439
Report Date: 02/24/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2006439-04F1	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2006439-04F2	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2006439-04G	Glass 500ml/16oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2006439-04G1	Glass 500ml/16oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2006439-04G2	Glass 500ml/16oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2006439-04X	Vial MeOH preserved split	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-04X1	Vial MeOH preserved split	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-04X2	Vial MeOH preserved split	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-04Y	Vial Water preserved split	A	NA		3.3	Y	Absent	13-FEB-20 06:51	NYTCL-8260HLW(14)
L2006439-04Y1	Vial Water preserved split	A	NA		3.3	Y	Absent	13-FEB-20 06:51	NYTCL-8260HLW(14)
L2006439-04Y2	Vial Water preserved split	A	NA		3.3	Y	Absent	13-FEB-20 06:51	NYTCL-8260HLW(14)
L2006439-04Z	Vial Water preserved split	A	NA		3.3	Y	Absent	13-FEB-20 06:51	NYTCL-8260HLW(14)
L2006439-04Z1	Vial Water preserved split	A	NA		3.3	Y	Absent	13-FEB-20 06:51	NYTCL-8260HLW(14)
L2006439-04Z2	Vial Water preserved split	A	NA		3.3	Y	Absent	13-FEB-20 06:51	NYTCL-8260HLW(14)
L2006439-05A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2006439-05B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2006439-06A	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-06B	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-06C	5 gram Encore Sampler	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-06D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L2006439-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),SB-Ti(180),PB-Ti(180),CU-Ti(180),ZN-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),FE-Ti(180),NA-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180)

Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

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Report Date: 02/24/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2006439-06F	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2006439-06G	Glass 500ml/16oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2006439-06X	Vial MeOH preserved split	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-06Y	Vial Water preserved split	A	NA		3.3	Y	Absent	13-FEB-20 06:51	NYTCL-8260HLW(14)
L2006439-06Z	Vial Water preserved split	A	NA		3.3	Y	Absent	13-FEB-20 06:51	NYTCL-8260HLW(14)
L2006439-07A	5 gram Encore Sampler	D	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2006439-07B	5 gram Encore Sampler	D	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2006439-07C	5 gram Encore Sampler	D	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2006439-07D	Plastic 2oz unpreserved for TS	D	NA		3.4	Y	Absent		TS(7)
L2006439-07E	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),AL-Ti(180),PB-Ti(180),SE-Ti(180),CU-Ti(180),SB-Ti(180),ZN-Ti(180),V-Ti(180),CO-Ti(180),MN-Ti(180),MG-Ti(180),HG-T(28),FE-Ti(180),NA-Ti(180),CD-Ti(180),CA-Ti(180),K-Ti(180)
L2006439-07F	Glass 120ml/4oz unpreserved	D	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2006439-07G	Glass 500ml/16oz unpreserved	D	NA		3.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2006439-07X	Vial MeOH preserved split	D	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2006439-07Y	Vial Water preserved split	D	NA		3.4	Y	Absent	14-FEB-20 14:21	NYTCL-8260HLW(14)
L2006439-07Z	Vial Water preserved split	D	NA		3.4	Y	Absent	14-FEB-20 14:21	NYTCL-8260HLW(14)
L2006439-08A	5 gram Encore Sampler	D	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2006439-08B	5 gram Encore Sampler	D	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2006439-08C	5 gram Encore Sampler	D	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2006439-08D	Plastic 2oz unpreserved for TS	D	NA		3.4	Y	Absent		TS(7)
L2006439-08E	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),CR-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),SE-Ti(180),PB-Ti(180),SB-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),FE-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180)

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2006439-08F	Glass 120ml/4oz unpreserved	D	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2006439-08G	Glass 500ml/16oz unpreserved	D	NA		3.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2006439-08X	Vial MeOH preserved split	D	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2006439-08Y	Vial Water preserved split	D	NA		3.4	Y	Absent	14-FEB-20 14:21	NYTCL-8260HLW(14)
L2006439-08Z	Vial Water preserved split	D	NA		3.4	Y	Absent	14-FEB-20 14:21	NYTCL-8260HLW(14)
L2006439-09A	Vial HCl preserved	D	NA		3.4	Y	Absent		NYTCL-8260(14)
L2006439-09B	Vial HCl preserved	D	NA		3.4	Y	Absent		NYTCL-8260(14)
L2006439-10A	5 gram Encore Sampler	F	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-10B	5 gram Encore Sampler	F	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-10C	5 gram Encore Sampler	F	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-10D	Plastic 2oz unpreserved for TS	F	NA		2.3	Y	Absent		TS(7)
L2006439-10E	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.3	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),CU-Ti(180),SE-Ti(180),PB-Ti(180),SB-Ti(180),ZN-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),MG-Ti(180),HG-T(28),MN-Ti(180),NA-Ti(180),K-Ti(180),CA-Ti(180),CD-Ti(180)
L2006439-10F	Glass 120ml/4oz unpreserved	F	NA		2.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2006439-10G	Glass 500ml/16oz unpreserved	F	NA		2.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L2006439-10X	Vial MeOH preserved split	F	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2006439-10Y	Vial Water preserved split	F	NA		2.3	Y	Absent	15-FEB-20 13:06	NYTCL-8260HLW(14)
L2006439-10Z	Vial Water preserved split	F	NA		2.3	Y	Absent	15-FEB-20 13:06	NYTCL-8260HLW(14)
L2006439-11A	Vial HCl preserved	F	NA		2.3	Y	Absent		NYTCL-8260(14)
L2006439-11B	Vial HCl preserved	F	NA		2.3	Y	Absent		NYTCL-8260(14)
L2006439-11C	Vial HCl preserved	F	NA		2.3	Y	Absent		NYTCL-8260(14)

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2006439-11D	Plastic 250ml HNO3 preserved	E	<2	<2	4.0	Y	Absent		TL-6020T(180),SE-6020T(180),BA-6020T(180),FE-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),HG-T(28),AG-6020T(180),MG-6020T(180),CD-6020T(180),AL-6020T(180),CO-6020T(180)
L2006439-11E	Plastic 250ml unpreserved	E	7	7	4.0	Y	Absent		-
L2006439-11F	Plastic 250ml unpreserved	E	7	7	4.0	Y	Absent		HEXCR-7196(1)
L2006439-11G	Plastic 250ml NaOH preserved	E	>12	>12	4.0	Y	Absent		TCN-9010(14)
L2006439-11H	Amber 120ml unpreserved	E	7	7	4.0	Y	Absent		NYTCL-8082-LVI(7)
L2006439-11I	Amber 120ml unpreserved	E	7	7	4.0	Y	Absent		NYTCL-8082-LVI(7)
L2006439-11J	Amber 120ml unpreserved	E	7	7	4.0	Y	Absent		NYTCL-8081(7)
L2006439-11K	Amber 120ml unpreserved	E	7	7	4.0	Y	Absent		NYTCL-8081(7)
L2006439-11L	Amber 250ml unpreserved	E	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2006439-11M	Amber 250ml unpreserved	E	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2006439-11N	Amber 1000ml unpreserved	E	7	7	4.0	Y	Absent		HERB-APA(7)
L2006439-11O	Amber 1000ml unpreserved	E	7	7	4.0	Y	Absent		HERB-APA(7)
L2006439-11X	Plastic 120ml HNO3 preserved Filtrates	E	NA		4.0	Y	Absent		CU-6020S(180),V-6020S(180),SE-6020S(180),K-6020S(180),MN-6020S(180),ZN-6020S(180),CO-6020S(180),BE-6020S(180),MG-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),NA-6020S(180),TL-6020S(180),BA-6020S(180),NI-6020S(180),PB-6020S(180),SB-6020S(180),AS-6020S(180),AG-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2006439-12A	Vial HCl preserved	F	NA		2.3	Y	Absent		NYTCL-8260(14)
L2006439-12B	Vial HCl preserved	F	NA		2.3	Y	Absent		NYTCL-8260(14)
L2006439-12C	Vial HCl preserved	F	NA		2.3	Y	Absent		NYTCL-8260(14)

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L2006439-12D	Plastic 250ml HNO3 preserved	E	<2	<2	4.0	Y	Absent		FE-6020T(180),TL-6020T(180),SE-6020T(180),BA-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AG-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2006439-12E	Plastic 250ml unpreserved	E	7	7	4.0	Y	Absent		-
L2006439-12F	Plastic 250ml unpreserved	E	7	7	4.0	Y	Absent		HEXCR-7196(1)
L2006439-12G	Plastic 250ml NaOH preserved	E	>12	>12	4.0	Y	Absent		TCN-9010(14)
L2006439-12H	Amber 120ml unpreserved	E	7	7	4.0	Y	Absent		NYTCL-8082-LVI(7)
L2006439-12I	Amber 120ml unpreserved	E	7	7	4.0	Y	Absent		NYTCL-8082-LVI(7)
L2006439-12J	Amber 120ml unpreserved	E	7	7	4.0	Y	Absent		NYTCL-8081(7)
L2006439-12K	Amber 120ml unpreserved	E	7	7	4.0	Y	Absent		NYTCL-8081(7)
L2006439-12L	Amber 250ml unpreserved	E	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2006439-12M	Amber 250ml unpreserved	E	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2006439-12N	Amber 1000ml unpreserved	E	7	7	4.0	Y	Absent		HERB-APA(7)
L2006439-12O	Amber 1000ml unpreserved	E	7	7	4.0	Y	Absent		HERB-APA(7)
L2006439-12X	Plastic 120ml HNO3 preserved Filtrates	E	NA		4.0	Y	Absent		CU-6020S(180),K-6020S(180),V-6020S(180),SE-6020S(180),MN-6020S(180),MG-6020S(180),CO-6020S(180),ZN-6020S(180),BE-6020S(180),CR-6020S(180),FE-6020S(180),CA-6020S(180),NI-6020S(180),BA-6020S(180),NA-6020S(180),TL-6020S(180),PB-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2006439-13A	Vial HCl preserved	F	NA		2.3	Y	Absent		NYTCL-8260(14)
L2006439-13B	Vial HCl preserved	F	NA		2.3	Y	Absent		NYTCL-8260(14)
L2006439-13C	Vial HCl preserved	F	NA		2.3	Y	Absent		NYTCL-8260(14)

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L2006439-13D	Plastic 250ml HNO3 preserved	F	<2	<2	2.3	Y	Absent		SE-6020T(180),TL-6020T(180),FE-6020T(180),BA-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),AL-6020T(180),AG-6020T(180),CO-6020T(180)
L2006439-13E	Plastic 250ml unpreserved	F	7	7	2.3	Y	Absent		-
L2006439-13F	Plastic 250ml unpreserved	F	7	7	2.3	Y	Absent		HEXCR-7196(1)
L2006439-13G	Plastic 250ml NaOH preserved	F	>12	>12	2.3	Y	Absent		TCN-9010(14)
L2006439-13H	Amber 120ml unpreserved	F	7	7	2.3	Y	Absent		NYTCL-8082-LVI(7)
L2006439-13I	Amber 120ml unpreserved	F	7	7	2.3	Y	Absent		NYTCL-8082-LVI(7)
L2006439-13J	Amber 120ml unpreserved	F	7	7	2.3	Y	Absent		NYTCL-8081(7)
L2006439-13K	Amber 120ml unpreserved	F	7	7	2.3	Y	Absent		NYTCL-8081(7)
L2006439-13L	Amber 250ml unpreserved	F	7	7	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2006439-13M	Amber 250ml unpreserved	F	7	7	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2006439-13N	Amber 1000ml unpreserved	F	7	7	2.3	Y	Absent		HERB-APA(7)
L2006439-13O	Amber 1000ml unpreserved	F	7	7	2.3	Y	Absent		HERB-APA(7)
L2006439-13X	Plastic 120ml HNO3 preserved Filtrates	F	NA		2.3	Y	Absent		CU-6020S(180),SE-6020S(180),K-6020S(180),V-6020S(180),MN-6020S(180),MG-6020S(180),CO-6020S(180),ZN-6020S(180),BE-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),PB-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),TL-6020S(180),SB-6020S(180),AG-6020S(180),AS-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2006439-14A	Vial HCl preserved	F	NA		2.3	Y	Absent		NYTCL-8260(14)
L2006439-14B	Vial HCl preserved	F	NA		2.3	Y	Absent		NYTCL-8260(14)
L2006439-15A	Vial HCl preserved	H	NA		2.8	Y	Absent		NYTCL-8260(14)
L2006439-15A1	Vial HCl preserved	H	NA		2.8	Y	Absent		NYTCL-8260(14)
L2006439-15A2	Vial HCl preserved	H	NA		2.8	Y	Absent		NYTCL-8260(14)
L2006439-15B	Vial HCl preserved	H	NA		2.8	Y	Absent		NYTCL-8260(14)
L2006439-15B1	Vial HCl preserved	H	NA		2.8	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

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L2006439-15B2	Vial HCl preserved	H	NA		2.8	Y	Absent		NYTCL-8260(14)
L2006439-15C	Vial HCl preserved	H	NA		2.8	Y	Absent		NYTCL-8260(14)
L2006439-15C1	Vial HCl preserved	H	NA		2.8	Y	Absent		NYTCL-8260(14)
L2006439-15C2	Vial HCl preserved	H	NA		2.8	Y	Absent		NYTCL-8260(14)
L2006439-15D	Plastic 250ml HNO3 preserved	G	<2	<2	5.1	Y	Absent		TL-6020T(180),SE-6020T(180),BA-6020T(180),FE-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2006439-15D1	Plastic 250ml HNO3 preserved	G	<2	<2	5.1	Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2006439-15D2	Plastic 250ml HNO3 preserved	H	<2	<2	2.8	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2006439-15E	Plastic 250ml unpreserved	G	7	7	5.1	Y	Absent		-
L2006439-15E1	Plastic 250ml unpreserved	G	7	7	5.1	Y	Absent		-
L2006439-15E2	Plastic 250ml unpreserved	H	7	7	2.8	Y	Absent		-
L2006439-15F	Plastic 250ml unpreserved	G	7	7	5.1	Y	Absent		HEXCR-7196(1)
L2006439-15F1	Plastic 250ml unpreserved	G	7	7	5.1	Y	Absent		HEXCR-7196(1)
L2006439-15F2	Plastic 250ml unpreserved	H	7	7	2.8	Y	Absent		HEXCR-7196(1)
L2006439-15G	Plastic 250ml NaOH preserved	G	>12	>12	5.1	Y	Absent		TCN-9010(14)
L2006439-15G1	Plastic 250ml NaOH preserved	G	>12	>12	5.1	Y	Absent		TCN-9010(14)
L2006439-15G2	Plastic 250ml NaOH preserved	H	>12	>12	2.8	Y	Absent		TCN-9010(14)
L2006439-15H	Amber 120ml unpreserved	G	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)

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L2006439-15H1	Amber 120ml unpreserved	G	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2006439-15H2	Amber 120ml unpreserved	H	7	7	2.8	Y	Absent		NYTCL-8082-LVI(7)
L2006439-15I	Amber 120ml unpreserved	G	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2006439-15I1	Amber 120ml unpreserved	G	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2006439-15I2	Amber 120ml unpreserved	H	7	7	2.8	Y	Absent		NYTCL-8082-LVI(7)
L2006439-15J	Amber 120ml unpreserved	G	7	7	5.1	Y	Absent		NYTCL-8081(7)
L2006439-15J1	Amber 120ml unpreserved	G	7	7	5.1	Y	Absent		NYTCL-8081(7)
L2006439-15J2	Amber 120ml unpreserved	H	7	7	2.8	Y	Absent		NYTCL-8081(7)
L2006439-15K	Amber 120ml unpreserved	G	7	7	5.1	Y	Absent		NYTCL-8081(7)
L2006439-15K1	Amber 120ml unpreserved	G	7	7	5.1	Y	Absent		NYTCL-8081(7)
L2006439-15K2	Amber 120ml unpreserved	H	7	7	2.8	Y	Absent		NYTCL-8081(7)
L2006439-15L	Amber 250ml unpreserved	G	7	7	5.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2006439-15L1	Amber 250ml unpreserved	G	7	7	5.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2006439-15L2	Amber 250ml unpreserved	H	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2006439-15M	Amber 250ml unpreserved	G	7	7	5.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2006439-15M1	Amber 250ml unpreserved	G	7	7	5.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2006439-15M2	Amber 250ml unpreserved	H	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2006439-15N	Amber 1000ml unpreserved	G	7	7	5.1	Y	Absent		HERB-APA(7)
L2006439-15N1	Amber 1000ml unpreserved	G	7	7	5.1	Y	Absent		HERB-APA(7)
L2006439-15N2	Amber 1000ml unpreserved	H	7	7	2.8	Y	Absent		HERB-APA(7)
L2006439-15O	Amber 1000ml unpreserved	G	7	7	5.1	Y	Absent		HERB-APA(7)
L2006439-15O1	Amber 1000ml unpreserved	G	7	7	5.1	Y	Absent		HERB-APA(7)
L2006439-15O2	Amber 1000ml unpreserved	H	7	7	2.8	Y	Absent		HERB-APA(7)
L2006439-15X	Plastic 250ml HNO3 preserved Filtrates	G	NA		5.1	Y	Absent		K-6020S(180),SE-6020S(180),V-6020S(180),CU-6020S(180),MN-6020S(180),CO-6020S(180),MG-6020S(180),BE-6020S(180),ZN-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),NI-6020S(180),NA-6020S(180),TL-6020S(180),BA-6020S(180),PB-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),HG-S(28),CD-6020S(180),AL-6020S(180)

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L2006439-16A	Vial HCl preserved	H	NA		2.8	Y	Absent		NYTCL-8260(14)
L2006439-16B	Vial HCl preserved	H	NA		2.8	Y	Absent		NYTCL-8260(14)

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCS D	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name: 1700 PARK AVENUE**Lab Number:** L2006439**Project Number:** 3482.0001Y**Report Date:** 02/24/20

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration

Report Format: DU Report with 'J' Qualifiers



Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

Data Qualifiers

Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers



Project Name: 1700 PARK AVENUE
Project Number: 3482.0001Y

Lab Number: L2006439
Report Date: 02/24/20

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 16

Published Date: 2/17/2020 10:46:05 AM

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.**EPA TO-12** Non-methane organics**EPA 3C** Fixed gases**Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.**EPA 522.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1** Hg.**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>1</u> of <u>1</u>		Date Rec'd In Lab <u>2/14/20</u>		ALPHA Job # <u>C2006439</u>	
		Project Information Project Name: <u>1700 Park Avenue</u> Project Location: <u>1700 Park Avenue, New York, NY</u> Project # <u>3482-00024000</u> (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO #			
Client Information Client: <u>Baux</u> Address: <u>209 Shafter Street</u> <u>Islandia, NY 11749</u> Phone: <u>(631) 232-2600</u> Fax: Email: <u>wshen@bauxinc.com</u>		Project Manager: <u>Wendy Shen</u> ALPHAQuote #: <u>10450</u> Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:			
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments: <u>Keep SDG open.</u> Please specify Metals or TAL.						ANALYSIS Total Solids TCL Volatiles TCL Pesticides TCL Metals NY TCL Semivolatile NY PCB Hexavalent Chromium Total Cyanide		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below) Sample Specific Comments	
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials	
06439-07		BSB-1700-3-5-7		2/13/20 1330		S		DF	
08		BSB-1700-2-5-7		2/13/20 1400		S		DF	
09		TB-1700-20200213		2/12/20		TB		CH	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
		Relinquished By: <u>Douglas Fawcett</u>		Date/Time: <u>2/13/20 1500</u>		Received By: <u>DS. AAL</u>		Date/Time: <u>2/13/20 1505</u>	
		<u>JS</u>		<u>2/13/20 17:00</u>		<u>JS. AAL</u>		<u>2/13/20 1730</u>	
		<u>JS</u>		<u>2/14/20 00:05</u>		<u>JS. AAL</u>		<u>2/14/20 00:05</u>	

 NEW YORK CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page _____ of _____	Date Rec'd in Lab 2/15/20	ALPHA Job # L2006137	
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-0300 FAX: 508-822-3288		Project Information Project Name: 700 Park Avenue Project Location: 700 Park Avenue, New York, NY Project # 3482.0002Y000 (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQuS (1 File) ☐ EQuS (4 File) ☐ Other	Billing Information ☒ Same as Client Info PO #
Client Information Client: Kroux Address: 209 Smelter Street Islandia, NY 11749 Phone: (631) 232-2600 Fax: _____ Email: Wendy@krouxinc.com		Project Manager: Wendy Shen ALPHAQuote #: 10450 Turn-Around Time Standard ☒ Due Date: _____ Rush (only if pre approved) ☐ # of Days: _____		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:	
These samples have been previously analyzed by Alpha ☐				ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do ☐ Lab to do (Please Specify below)	
Other project specific requirements/comments: Keep SDG open.				ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do ☐ Lab to do (Please Specify below)	
Please specify Metals or TAL.				ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do ☐ Lab to do (Please Specify below)	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Total Solids TCL Volatiles TCL Pesticides TCL Metals TCL Semivolatiles TCL PCBs Herbicides Hexachlorocyclopentadiene Total Cyanide Dissolved TCL Metals	Total Bottles
06Y39-10	B513-1700-1-G-8	2/14/20	0945	S	DF	X	7
11	BMW-1700-T	2/14/20	1500	GW	DF	X	15
12	DUP-1700-20200214-002	2/14/20	1205	GW	DF	X	15
13	FB-1700-20200214-002	2/14/20	1600	FB	DF	X	15
14	TB-1700-20200214	2/12/20	—	TB	CH	X	2
Preservative Code:		Container Code		Westboro: Certification No: MA935		Container Type	
A = None		P = Plastic		Mansfield: Certification No: MA015		P E V A P A A P	
B = HCl		A = Amber Glass				A A B A A A E A	
C = HNO ₃		V = Vial					
D = H ₂ SO ₄		G = Glass					
E = NaOH		B = Bacteria Cup					
F = MeOH		C = Cube					
G = NaHSO ₄		O = Other					
H = Na ₂ S ₂ O ₃		E = Encore					
I/E = Zn Ac/NaOH		D = BOD Bottle					
O = Other							
Form No: 01-25 HC (rev. 30-Sept-2013)		Relinquished By: Douglas Fournelle		Date/Time: 2/14/20 11:00		Received By: GJAC (AAH)	
		Date/Time: 2/14/20 19:00		Date/Time: 2/14/20 21:00		Date/Time: 2/15/20 00:50	
		Date/Time: 2/15/20 00:50		Date/Time: 2/15/20 00:50		Date/Time: 2/15/20 00:50	

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Watkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>1</u> of <u>1</u>		Date Rec'd in Lab <u>2/17/20</u>		ALPHA Job # <u>L2006439</u>					
Client Information Client: <u>Baux</u> Address: <u>209 Shafter Street</u> <u>Islandia, NY 11749</u> Phone: <u>(631) 237-2600</u> Fax: <u></u> Email: <u>wshorcerouxinc.com</u>		Project Information Project Name: <u>1700 Park Avenue</u> Project Location: <u>700 Park Avenue, New York, NY</u> Project # <u>3482-00024000</u> (Use Project name as Project #) ☐ Project Manager: <u>Wendy Shen</u> ALPHAQuote #: <u>10450</u> Turn-Around Time Standard ☒ Due Date: <u></u> Rush (only if pre approved) ☐ # of Days: <u></u>		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQuIS (1 File) ☐ EQuIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO # <u></u>							
Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other: <u></u>		Sample Filtration ☐ Done ☐ Lab to do ☐ Lab to do (Please Specify below) Sample Specific Comments		ANALYSIS TCL Volatiles TCL Pesticides TAL Metals WCL Semivolatile NJ PCB Herbicides Hexavalent Chromium Total Cyanide Dissolved TAL Metals							
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments: <u>Close SDG.</u> Please specify Metals or TAL.		ALPHA Lab ID (Lab Use Only) <u>06439-15</u> <u>16</u>		Sample ID <u>13-4</u> <u>TB-1700-20200217</u>		Collection Date <u>2/17/20</u> Time <u>0900</u> <u>2/14/20</u> <u>-</u>		Sample Matrix <u>GW</u> <u>TB</u>		Sampler's Initials <u>DF</u> <u>BS</u>		MS/MSD collected. <u>45</u> <u>2</u>	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type <u>VAPAAAPP</u>		Preservative <u>BACAAEA</u>		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)			
Relinquished By: <u>Daphne Forrester II</u> <u>MSD</u> <u>932</u>		Date/Time <u>2/17/20 1505</u> <u>2-17-20 1910</u> <u>2/17/20 2330</u>		Received By: <u>MIA MGLR(AAL)</u> <u>ASL</u> <u>ASL</u>		Date/Time <u>2-17-20 1530</u> <u>2/17/20 19:30</u> <u>2/17/20 23:30</u>							



ANALYTICAL REPORT

Lab Number:	L2006981
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Wendy Shen
Phone:	(631) 232-2600
Project Name:	1700 PARK AVENUE
Project Number:	3482.0002Y000
Report Date:	03/02/20

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: 1700 PARK AVENUE
Project Number: 3482.0002Y000

Lab Number: L2006981
Report Date: 03/02/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2006981-01	RSB-1700-1_6-8	SOIL	1700 PARK AVE, NEW YORK, NY	02/14/20 09:45	02/14/20
L2006981-02	DUP-1700-20200214_001	SOIL	1700 PARK AVE, NEW YORK, NY	02/14/20 12:00	02/14/20
L2006981-03	FB-1700-20200214_001	WATER	1700 PARK AVE, NEW YORK, NY	02/14/20 10:15	02/14/20
L2006981-04	B-4	WATER	1700 PARK AVE, NEW YORK, NY	02/17/20 09:00	02/17/20
L2006981-05	DUP-1700-20200217	WATER	1700 PARK AVE, NEW YORK, NY	02/17/20 12:00	02/17/20
L2006981-06	FB-1700-20200217	WATER	1700 PARK AVE, NEW YORK, NY	02/17/20 09:15	02/17/20

Project Name: 1700 PARK AVENUE
Project Number: 3482.0002Y000

Lab Number: L2006981
Report Date: 03/02/20

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 1700 PARK AVENUE
Project Number: 3482.0002Y000

Lab Number: L2006981
Report Date: 03/02/20

Case Narrative (continued)

Report Submission

March 2, 2020: This is a final report.

February 24, 2020: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by Isotope Dilution

L2006981-04: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2006981-06: The Field Blank has a result for PFBA present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

The WG1341346-3 LCSD recovery, associated with L2006981-01 and -02, is above the acceptance criteria for perfluorohexanesulfonic acid (pfhxs) (131%), 1h,1h,2h,2h-perfluorodecanesulfonic acid (8:2fts) (151%) and n-ethyl perfluorooctanesulfonamidoacetic acid (netfosaa) (142%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Elizabeth Porta

Title: Technical Director/Representative

Date: 03/02/20

ORGANICS

SEMIVOLATILES

Project Name: 1700 PARK AVENUE**Lab Number:** L2006981**Project Number:** 3482.0002Y000**Report Date:** 03/02/20**SAMPLE RESULTS**

Lab ID: L2006981-01
 Client ID: RSB-1700-1_6-8
 Sample Location: 1700 PARK AVE, NEW YORK, NY

Date Collected: 02/14/20 09:45
 Date Received: 02/14/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 02/29/20 19:28
 Analyst: SG
 Percent Solids: 86%

Extraction Method: ALPHA 23528
 Extraction Date: 02/17/20 08:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	1.12	0.026	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	1.12	0.052	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	1.12	0.044	1
Perfluorohexanoic Acid (PFHxA)	0.059	J	ug/kg	1.12	0.059	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	1.12	0.051	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	1.12	0.068	1
Perfluorooctanoic Acid (PFOA)	0.065	J	ug/kg	1.12	0.047	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	1.12	0.201	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	1.12	0.153	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	1.12	0.084	1
Perfluorooctanesulfonic Acid (PFOS)	0.343	J	ug/kg	1.12	0.146	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	1.12	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	1.12	0.322	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	1.12	0.226	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	1.12	0.053	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	1.12	0.172	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	1.12	0.110	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	1.12	0.095	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	1.12	0.079	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	1.12	0.229	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	1.12	0.061	1
PFOA/PFOS, Total	0.408	J	ug/kg	1.12	0.047	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006981**Project Number:** 3482.0002Y000**Report Date:** 03/02/20**SAMPLE RESULTS****Lab ID:** L2006981-01**Date Collected:** 02/14/20 09:45**Client ID:** RSB-1700-1_6-8**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	88		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	101		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	81		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	78		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	93		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	67		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	86		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	87		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	65		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	103		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	77		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	72		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	98		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	80		26-160

Project Name: 1700 PARK AVENUE**Lab Number:** L2006981**Project Number:** 3482.0002Y000**Report Date:** 03/02/20**SAMPLE RESULTS**

Lab ID: L2006981-02
 Client ID: DUP-1700-20200214_001
 Sample Location: 1700 PARK AVE, NEW YORK, NY

Date Collected: 02/14/20 12:00
 Date Received: 02/14/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 02/29/20 19:44
 Analyst: SG
 Percent Solids: 88%

Extraction Method: ALPHA 23528
 Extraction Date: 02/17/20 08:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	1.03	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	1.03	0.048	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	1.03	0.040	1
Perfluorohexanoic Acid (PFHxA)	0.059	J	ug/kg	1.03	0.054	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	1.03	0.047	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	1.03	0.063	1
Perfluorooctanoic Acid (PFOA)	0.062	J	ug/kg	1.03	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	1.03	0.185	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	1.03	0.141	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	1.03	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	0.247	J	ug/kg	1.03	0.134	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	1.03	0.069	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	1.03	0.296	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	1.03	0.208	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	1.03	0.048	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	1.03	0.158	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	1.03	0.101	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	1.03	0.087	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	1.03	0.072	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	1.03	0.211	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	1.03	0.056	1
PFOA/PFOS, Total	0.309	J	ug/kg	1.03	0.043	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006981**Project Number:** 3482.0002Y000**Report Date:** 03/02/20**SAMPLE RESULTS****Lab ID:** L2006981-02**Date Collected:** 02/14/20 12:00**Client ID:** DUP-1700-20200214_001**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	100		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	84		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	88		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	86		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	84		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	91		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	87		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	98		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	66		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	76		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	101		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	75		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	65		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	98		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	81		26-160

Project Name: 1700 PARK AVENUE**Lab Number:** L2006981**Project Number:** 3482.0002Y000**Report Date:** 03/02/20**SAMPLE RESULTS**

Lab ID: L2006981-03
 Client ID: FB-1700-20200214_001
 Sample Location: 1700 PARK AVE, NEW YORK, NY

Date Collected: 02/14/20 10:15
 Date Received: 02/14/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 02/28/20 08:56
 Analyst: SG

Extraction Method: ALPHA 23528
 Extraction Date: 02/17/20 13:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.86	0.380	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.86	0.369	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.86	0.222	1
Perfluorohexanoic Acid (PFHxA)	0.358	J	ng/l	1.86	0.306	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.86	0.210	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.86	0.351	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.86	0.220	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.86	1.24	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.86	0.642	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.86	0.291	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.86	0.470	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.86	0.284	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.86	1.13	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.86	0.604	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.86	0.242	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.86	0.914	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.86	0.541	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.86	0.750	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.86	0.347	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.86	0.305	1
Perfluorotetradecanoic Acid (PFTA)	0.325	J	ng/l	1.86	0.231	1
PFOA/PFOS, Total	ND		ng/l	1.86	0.220	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006981**Project Number:** 3482.0002Y000**Report Date:** 03/02/20**SAMPLE RESULTS****Lab ID:** L2006981-03**Date Collected:** 02/14/20 10:15**Client ID:** FB-1700-20200214_001**Date Received:** 02/14/20**Sample Location:** 1700 PARK AVE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	100		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	112		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	104		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	117		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	109		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	110		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	112		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	103		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	111		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	87		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	111		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	60		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	87		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	96		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	90		33-143

Project Name: 1700 PARK AVENUE**Lab Number:** L2006981**Project Number:** 3482.0002Y000**Report Date:** 03/02/20**SAMPLE RESULTS**

Lab ID: L2006981-04

Date Collected: 02/17/20 09:00

Client ID: B-4

Date Received: 02/17/20

Sample Location: 1700 PARK AVE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270D-SIM

Extraction Date: 02/18/20 19:30

Analytical Date: 02/19/20 19:36

Analyst: PS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	48			15-110		

Project Name: 1700 PARK AVENUE**Lab Number:** L2006981**Project Number:** 3482.0002Y000**Report Date:** 03/02/20**SAMPLE RESULTS**

Lab ID: L2006981-04
 Client ID: B-4
 Sample Location: 1700 PARK AVE, NEW YORK, NY

Date Collected: 02/17/20 09:00
 Date Received: 02/17/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 02/27/20 22:47
 Analyst: SG

Extraction Method: ALPHA 23528
 Extraction Date: 02/19/20 06:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	10.8		ng/l	1.79	0.366	1
Perfluoropentanoic Acid (PFPeA)	9.25		ng/l	1.79	0.355	1
Perfluorobutanesulfonic Acid (PFBS)	12.6		ng/l	1.79	0.213	1
Perfluorohexanoic Acid (PFHxA)	10.1		ng/l	1.79	0.294	1
Perfluoroheptanoic Acid (PFHpA)	11.6		ng/l	1.79	0.202	1
Perfluorohexanesulfonic Acid (PFHxS)	18.2		ng/l	1.79	0.337	1
Perfluorooctanoic Acid (PFOA)	63.2		ng/l	1.79	0.211	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.79	1.19	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.26	J	ng/l	1.79	0.616	1
Perfluorononanoic Acid (PFNA)	4.34		ng/l	1.79	0.280	1
Perfluorooctanesulfonic Acid (PFOS)	76.9		ng/l	1.79	0.452	1
Perfluorodecanoic Acid (PFDA)	0.512	J	ng/l	1.79	0.272	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.79	1.09	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.79	0.581	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.79	0.233	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.79	0.878	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.79	0.520	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.79	0.720	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.79	0.333	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.79	0.293	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.79	0.222	1
PFOA/PFOS, Total	140		ng/l	1.79	0.211	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006981**Project Number:** 3482.0002Y000**Report Date:** 03/02/20**SAMPLE RESULTS****Lab ID:** L2006981-04**Date Collected:** 02/17/20 09:00**Client ID:** B-4**Date Received:** 02/17/20**Sample Location:** 1700 PARK AVE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	84		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	61		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	75		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	47		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	62		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	82		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	82		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	251	Q	1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	96		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	110		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	82		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	180	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	63		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	88		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	37		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	52		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	73		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	76		33-143

Project Name: 1700 PARK AVENUE**Lab Number:** L2006981**Project Number:** 3482.0002Y000**Report Date:** 03/02/20**SAMPLE RESULTS**

Lab ID: L2006981-05

Date Collected: 02/17/20 12:00

Client ID: DUP-1700-20200217

Date Received: 02/17/20

Sample Location: 1700 PARK AVE, NEW YORK, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270D-SIM

Extraction Date: 02/18/20 19:30

Analytical Date: 02/19/20 19:56

Analyst: PS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	43			15-110		

Project Name: 1700 PARK AVENUE**Lab Number:** L2006981**Project Number:** 3482.0002Y000**Report Date:** 03/02/20**SAMPLE RESULTS**

Lab ID: L2006981-05
 Client ID: DUP-1700-20200217
 Sample Location: 1700 PARK AVE, NEW YORK, NY

Date Collected: 02/17/20 12:00
 Date Received: 02/17/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 02/27/20 23:20
 Analyst: SG

Extraction Method: ALPHA 23528
 Extraction Date: 02/19/20 06:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	10.9		ng/l	1.78	0.364	1
Perfluoropentanoic Acid (PFPeA)	9.12		ng/l	1.78	0.354	1
Perfluorobutanesulfonic Acid (PFBS)	11.5		ng/l	1.78	0.212	1
Perfluorohexanoic Acid (PFHxA)	9.81		ng/l	1.78	0.293	1
Perfluoroheptanoic Acid (PFHpA)	11.3		ng/l	1.78	0.201	1
Perfluorohexanesulfonic Acid (PFHxS)	18.2		ng/l	1.78	0.336	1
Perfluorooctanoic Acid (PFOA)	66.7		ng/l	1.78	0.211	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.78	1.19	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.64	J	ng/l	1.78	0.614	1
Perfluorononanoic Acid (PFNA)	3.56		ng/l	1.78	0.278	1
Perfluorooctanesulfonic Acid (PFOS)	89.0		ng/l	1.78	0.450	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.78	0.271	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.78	1.08	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.78	0.578	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.78	0.232	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.78	0.875	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.78	0.518	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.78	0.718	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.78	0.332	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.78	0.292	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.78	0.221	1
PFOA/PFOS, Total	156		ng/l	1.78	0.211	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006981**Project Number:** 3482.0002Y000**Report Date:** 03/02/20**SAMPLE RESULTS****Lab ID:** L2006981-05**Date Collected:** 02/17/20 12:00**Client ID:** DUP-1700-20200217**Date Received:** 02/17/20**Sample Location:** 1700 PARK AVE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	87		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	60		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	72		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	49		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	63		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	81		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	82		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	225		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	98		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	88		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	83		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	165		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	72		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	83		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	32		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	67		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	73		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	75		33-143

Project Name: 1700 PARK AVENUE**Lab Number:** L2006981**Project Number:** 3482.0002Y000**Report Date:** 03/02/20**SAMPLE RESULTS**

Lab ID: L2006981-06
 Client ID: FB-1700-20200217
 Sample Location: 1700 PARK AVE, NEW YORK, NY

Date Collected: 02/17/20 09:15
 Date Received: 02/17/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 02/19/20 20:16
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 02/18/20 19:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	46			15-110		

Project Name: 1700 PARK AVENUE**Lab Number:** L2006981**Project Number:** 3482.0002Y000**Report Date:** 03/02/20**SAMPLE RESULTS**

Lab ID: L2006981-06
 Client ID: FB-1700-20200217
 Sample Location: 1700 PARK AVE, NEW YORK, NY

Date Collected: 02/17/20 09:15
 Date Received: 02/17/20
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 02/27/20 23:37
 Analyst: SG

Extraction Method: ALPHA 23528
 Extraction Date: 02/19/20 06:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	5.04		ng/l	1.84	0.376	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.84	0.365	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.84	0.220	1
Perfluorohexanoic Acid (PFHxA)	0.314	J	ng/l	1.84	0.302	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.84	0.208	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.84	0.347	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.84	0.218	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.84	1.23	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.84	0.635	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.84	0.288	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.84	0.465	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.84	0.280	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.84	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.84	0.598	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.240	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.904	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.84	0.535	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.742	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.343	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.302	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.84	0.229	1
PFOA/PFOS, Total	ND		ng/l	1.84	0.218	1

Project Name: 1700 PARK AVENUE**Lab Number:** L2006981**Project Number:** 3482.0002Y000**Report Date:** 03/02/20**SAMPLE RESULTS****Lab ID:** L2006981-06**Date Collected:** 02/17/20 09:15**Client ID:** FB-1700-20200217**Date Received:** 02/17/20**Sample Location:** 1700 PARK AVE, NEW YORK, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	92		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	105		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	93		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	90		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	89		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	125		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	95		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	94		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	81		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	91		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	49		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	70		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	83		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	82		33-143

Project Name: 1700 PARK AVENUE
Project Number: 3482.0002Y000

Lab Number: L2006981
Report Date: 03/02/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 02/29/20 17:32
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 02/17/20 08:40

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-02 Batch: WG1341346-1					
Perfluorobutanoic Acid (PFBA)	0.228	J	ug/kg	1.00	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	1.00	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	1.00	0.039
Perfluorohexanoic Acid (PFHxA)	0.056	J	ug/kg	1.00	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	1.00	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	1.00	0.061
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	1.00	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	1.00	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	1.00	0.136
Perfluorononanoic Acid (PFNA)	ND		ug/kg	1.00	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	1.00	0.130
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	1.00	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	1.00	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	1.00	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	1.00	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	1.00	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	1.00	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	1.00	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	1.00	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	1.00	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	1.00	0.054
PFOA/PFOS, Total	ND		ug/kg	1.00	0.042

Project Name: 1700 PARK AVENUE
Project Number: 3482.0002Y000

Lab Number: L2006981
Report Date: 03/02/20

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 02/29/20 17:32
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 02/17/20 08:40

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-02 Batch: WG1341346-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	86		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	96		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	85		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	130		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	96		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	97		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	89		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	81		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	102		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	8		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	68		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	92		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	80		26-160

Project Name: 1700 PARK AVENUE
Project Number: 3482.0002Y000

Lab Number: L2006981
Report Date: 03/02/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 02/18/20 13:34
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 02/17/20 13:05

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 03 Batch: WG1341449-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	0.436	J	ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	0.364	J	ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 1700 PARK AVENUE
Project Number: 3482.0002Y000

Lab Number: L2006981
Report Date: 03/02/20

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 02/18/20 13:34
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 02/17/20 13:05

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 03 Batch: WG1341449-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	96		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	115		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	97		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	100		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	102		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	94		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	95		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	98		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	82		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	41		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NetFOSAA)	78		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	89		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	86		33-143

Project Name: 1700 PARK AVENUE
Project Number: 3482.0002Y000

Lab Number: L2006981
Report Date: 03/02/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 02/19/20 15:34
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 02/18/20 19:30

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 04-06 Batch: WG1341979-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	50		15-110

Project Name: 1700 PARK AVENUE
Project Number: 3482.0002Y000

Lab Number: L2006981
Report Date: 03/02/20

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 02/27/20 21:25
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 02/19/20 06:18

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 04-06 Batch: WG1342109-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	0.408	J	ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 1700 PARK AVENUE
Project Number: 3482.0002Y000

Lab Number: L2006981
Report Date: 03/02/20

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 02/27/20 21:25
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 02/19/20 06:18

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 04-06 Batch: WG1342109-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	92		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	95		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	88		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	91		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	87		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	111		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	91		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	82		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	95		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	92		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	81		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	89		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	43		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	68		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	82		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	82		33-143

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 1700 PARK AVENUE

Project Number: 3482.0002Y000

Lab Number: L2006981

Report Date: 03/02/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02 Batch: WG1341346-2 WG1341346-3								
Perfluorobutanoic Acid (PFBA)	110		125		71-135	14		30
Perfluoropentanoic Acid (PFPeA)	109		125		69-132	16		30
Perfluorobutanesulfonic Acid (PFBS)	108		124		72-128	17		30
Perfluorohexanoic Acid (PFHxA)	102		122		70-132	17		30
Perfluoroheptanoic Acid (PFHpA)	110		117		71-131	13		30
Perfluorohexanesulfonic Acid (PFHxS)	114		131	Q	67-130	19		30
Perfluorooctanoic Acid (PFOA)	105		116		69-133	15		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	94		119		64-140	7		30
Perfluoroheptanesulfonic Acid (PFHpS)	120		111		70-132	9		30
Perfluorononanoic Acid (PFNA)	103		124		72-129	23		30
Perfluorooctanesulfonic Acid (PFOS)	122		127		68-136	7		30
Perfluorodecanoic Acid (PFDA)	99		116		69-133	6		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	132		151	Q	65-137	16		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	113		119		63-144	6		30
Perfluoroundecanoic Acid (PFUnA)	97		119		64-136	15		30
Perfluorodecanesulfonic Acid (PFDS)	111		132		59-134	7		30
Perfluorooctanesulfonamide (FOSA)	87		97		67-137	4		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	93		142	Q	61-139	29		30
Perfluorododecanoic Acid (PFDoA)	112		125		69-135	11		30
Perfluorotridecanoic Acid (PFTrDA)	109		116		66-139	11		30
Perfluorotetradecanoic Acid (PFTA)	119		127		69-133	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006981

Project Number: 3482.0002Y000

Report Date: 03/02/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02 Batch: WG1341346-2 WG1341346-3

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		73		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	102		85		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	99		95		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	91		76		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	91		83		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		99		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		83		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	129		111		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	102		91		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		104		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	101		86		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	93		91		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	86		84		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	111		91		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	7		3		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	78		56		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	104		95		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	82		72		26-160

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0002Y000

Lab Number: L2006981

Report Date: 03/02/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 03 Batch: WG1341449-2 WG1341449-3								
Perfluorobutanoic Acid (PFBA)	102		109		67-148	7		30
Perfluoropentanoic Acid (PFPeA)	105		113		63-161	7		30
Perfluorobutanesulfonic Acid (PFBS)	92		95		65-157	3		30
Perfluorohexanoic Acid (PFHxA)	103		111		69-168	7		30
Perfluoroheptanoic Acid (PFHpA)	98		110		58-159	12		30
Perfluorohexanesulfonic Acid (PFHxS)	96		103		69-177	7		30
Perfluorooctanoic Acid (PFOA)	106		113		63-159	6		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	112		125		49-187	11		30
Perfluoroheptanesulfonic Acid (PFHpS)	101		107		61-179	6		30
Perfluorononanoic Acid (PFNA)	103		110		68-171	7		30
Perfluorooctanesulfonic Acid (PFOS)	91		110		52-151	19		30
Perfluorodecanoic Acid (PFDA)	100		108		63-171	8		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	121		113		56-173	7		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	114		125		60-166	9		30
Perfluoroundecanoic Acid (PFUnA)	101		109		60-153	8		30
Perfluorodecanesulfonic Acid (PFDS)	100		106		38-156	6		30
Perfluorooctanesulfonamide (FOSA)	99		106		46-170	7		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	94		116		45-170	21		30
Perfluorododecanoic Acid (PFDoA)	104		115		67-153	10		30
Perfluorotridecanoic Acid (PFTrDA)	111		125		48-158	12		30
Perfluorotetradecanoic Acid (PFTA)	109		121		59-182	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006981

Project Number: 3482.0002Y000

Report Date: 03/02/20

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 03 Batch: WG1341449-2 WG1341449-3								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	97		96		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	115		110		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	90		98		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	96		95		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	101		97		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		99		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97		97		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	87		96		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	102		101		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98		100		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	97		95		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	90		103		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	77		78		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	103		100		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	41		43		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	91		77		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	93		90		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	85		83		33-143

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 1700 PARK AVENUE**Project Number:** 3482.0002Y000**Lab Number:** L2006981**Report Date:** 03/02/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab Associated sample(s): 04-06 Batch: WG1341979-2 WG1341979-3								
1,4-Dioxane	103		103		40-140	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	38		45		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0002Y000

Lab Number: L2006981

Report Date: 03/02/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-06 Batch: WG1342109-2 WG1342109-3								
Perfluorobutanoic Acid (PFBA)	104		105		67-148	1		30
Perfluoropentanoic Acid (PFPeA)	105		105		63-161	0		30
Perfluorobutanesulfonic Acid (PFBS)	111		107		65-157	4		30
Perfluorohexanoic Acid (PFHxA)	103		103		69-168	0		30
Perfluoroheptanoic Acid (PFHpA)	98		102		58-159	4		30
Perfluorohexanesulfonic Acid (PFHxS)	127		123		69-177	3		30
Perfluorooctanoic Acid (PFOA)	103		105		63-159	2		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	130		100		49-187	26		30
Perfluoroheptanesulfonic Acid (PFHpS)	121		136		61-179	12		30
Perfluorononanoic Acid (PFNA)	99		106		68-171	7		30
Perfluorooctanesulfonic Acid (PFOS)	131		128		52-151	2		30
Perfluorodecanoic Acid (PFDA)	110		99		63-171	11		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	130		139		56-173	7		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	128		120		60-166	6		30
Perfluoroundecanoic Acid (PFUnA)	98		96		60-153	2		30
Perfluorodecanesulfonic Acid (PFDS)	131		142		38-156	8		30
Perfluorooctanesulfonamide (FOSA)	107		119		46-170	11		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	110		94		45-170	16		30
Perfluorododecanoic Acid (PFDoA)	117		111		67-153	5		30
Perfluorotridecanoic Acid (PFTrDA)	117		110		48-158	6		30
Perfluorotetradecanoic Acid (PFTA)	112		111		59-182	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Lab Number: L2006981

Project Number: 3482.0002Y000

Report Date: 03/02/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-06 Batch: WG1342109-2 WG1342109-3								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	93		90		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	108		103		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	96		105		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	90		90		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	89		90		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	95		104		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89		89		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	111		141		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	101		92		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96		100		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91		93		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	93		94		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	73		73		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	97		96		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	48		45		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	71		82		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	88		90		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	83		80		33-143

Lab Duplicate Analysis Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0002Y000

Lab Number: L2006981

Report Date: 03/02/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-06 QC Batch ID: WG1342109-5 QC Sample: L2006981-04 Client ID: B-4						
Perfluorobutanoic Acid (PFBA)	10.8	11.0	ng/l	2		30
Perfluoropentanoic Acid (PFPeA)	9.25	9.88	ng/l	7		30
Perfluorobutanesulfonic Acid (PFBS)	12.6	13.2	ng/l	5		30
Perfluorohexanoic Acid (PFHxA)	10.1	10.2	ng/l	1		30
Perfluoroheptanoic Acid (PFHpA)	11.6	12.2	ng/l	5		30
Perfluorohexanesulfonic Acid (PFHxS)	18.2	19.4	ng/l	6		30
Perfluorooctanoic Acid (PFOA)	63.2	69.8	ng/l	10		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/l	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	1.26J	ND	ng/l	NC		30
Perfluorononanoic Acid (PFNA)	4.34	3.93	ng/l	10		30
Perfluorooctanesulfonic Acid (PFOS)	76.9	88.3	ng/l	14		30
Perfluorodecanoic Acid (PFDA)	0.512J	0.575J	ng/l	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/l	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/l	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/l	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/l	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/l	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/l	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/l	NC		30

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0002Y000

Lab Number: L2006981

Report Date: 03/02/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-06 QC Batch ID: WG1342109-5 QC Sample: L2006981-04 Client ID: B-4						
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/l	NC		30
PFOA/PFOS, Total	140	158	ng/l	12		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	84		82		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	61		57		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	75		66		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	47		48		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	62		64		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	82		72		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	82		80		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	251	Q	192		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	96		93		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	110		86		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	82		78		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	180	Q	149		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	63		67		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	88		83		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	37		38		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	52		58		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	73		72		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	76		70		33-143

INORGANICS & MISCELLANEOUS

Project Name: 1700 PARK AVENUE**Project Number:** 3482.0002Y000**Lab Number:** L2006981**Report Date:** 03/02/20**SAMPLE RESULTS****Lab ID:** L2006981-01**Client ID:** RSB-1700-1_6-8**Sample Location:** 1700 PARK AVE, NEW YORK, NY**Date Collected:** 02/14/20 09:45**Date Received:** 02/14/20**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	85.7		%	0.100	0.100	1	-	02/18/20 07:18	121,2540G	LB



Project Name: 1700 PARK AVENUE**Project Number:** 3482.0002Y000**Lab Number:** L2006981**Report Date:** 03/02/20**SAMPLE RESULTS****Lab ID:** L2006981-02**Client ID:** DUP-1700-20200214_001**Sample Location:** 1700 PARK AVE, NEW YORK, NY**Date Collected:** 02/14/20 12:00**Date Received:** 02/14/20**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	87.6		%	0.100	0.100	1	-	02/18/20 07:18	121,2540G	LB



Lab Duplicate Analysis
*Batch Quality Control***Project Name:** 1700 PARK AVENUE**Project Number:** 3482.0002Y000**Lab Number:** L2006981**Report Date:** 03/02/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1341703-1 QC Sample: L2006692-01 Client ID: DUP Sample						
Solids, Total	52.4	54.0	%	3		10

Project Name: 1700 PARK AVENUE**Lab Number:** L2006981**Project Number:** 3482.0002Y000**Report Date:** 03/02/20**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2006981-01A	Plastic 8oz unpreserved	A	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(28)
L2006981-01B	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		A2-TS(7)
L2006981-02A	Plastic 8oz unpreserved	A	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(28)
L2006981-02B	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		A2-TS(7)
L2006981-03A	2 Plastic/1 Plastic/1 H2O Plastic	A	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2006981-04A	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2006981-04B	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2006981-04C	2 Plastic/1 Plastic/1 H2O Plastic	B	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2006981-04D	2 Plastic/1 Plastic/1 H2O Plastic	B	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2006981-05A	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2006981-05B	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2006981-05C	2 Plastic/1 Plastic/1 H2O Plastic	B	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2006981-05D	2 Plastic/1 Plastic/1 H2O Plastic	B	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2006981-06A	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2006981-06B	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2006981-06C	2 Plastic/1 Plastic/1 H2O Plastic	B	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(14)

Project Name: 1700 PARK AVENUE
Project Number: 3482.0002Y000

Serial_No:03022018:04
Lab Number: L2006981
Report Date: 03/02/20

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1

Project Name: 1700 PARK AVENUE
Project Number: 3482.0002Y000

Lab Number: L2006981
Report Date: 03/02/20

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCS D	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers



Project Name: 1700 PARK AVENUE
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Lab Number: L2006981
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- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration

Report Format: DU Report with 'J' Qualifiers



Project Name: 1700 PARK AVENUE**Lab Number:** L2006981**Project Number:** 3482.0002Y000**Report Date:** 03/02/20**Data Qualifiers**

Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Project Name: 1700 PARK AVENUE
Project Number: 3482.0002Y000

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Report Date: 03/02/20

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 16

Published Date: 2/17/2020 10:46:05 AM

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.**EPA TO-12** Non-methane organics**EPA 3C** Fixed gases**Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.**EPA 522.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1** Hg.**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-896-9220 FAX: 508-896-9193		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>1</u> of <u>1</u>		Date Rec'd in Lab <u>2/15/20</u>		ALPHA Job # <u>C2006981</u>	
		Project Information Project Name: <u>1700 Park Avenue</u> Project Location: <u>1700 Park Ave, New York, NY</u> Project # <u>3482, 0002Y000</u> (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQulS (1 File) ☐ EQulS (4 File) ☐ Other:		Billing Information ☒ Same as Client Info PO #			
Client Information Client: <u>Roux</u> Address: <u>209 Shafter St</u> <u>Islandia NY 11749</u> Phone: <u>631-232-2600</u> Fax: Email: <u>wsheer@rouxinc.com</u>		Project Manager: <u>Wendy Shen</u> ALPHAQuote #: <u>10450</u> Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:			
These samples have been previously analyzed by Alpha ☐						ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)	
Other project specific requirements/comments: <u>Close SDG.</u>						Total Solids DFAAS		Total Bottle	
Please specify Metals or TAL.									
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials	
<u>C2006981 -01</u>		<u>BSB-1700-1-G-8</u>		<u>2/14/20 0945</u>		<u>S</u>		<u>DE</u>	
<u>-02</u>		<u>DUP-1700-20200214-001</u>		<u>2/14/20 1200</u>		<u>S</u>		<u>DF</u>	
<u>-03</u>		<u>FB-1700-20200214-001</u>		<u>2/14/20 1015</u>		<u>FB</u>		<u>DF</u>	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type <u>PP</u> Preservative <u>AA</u>		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
		Relinquished By: <u>Douglas Kerslake</u>		Date/Time: <u>2/14/20 17:00</u>		Received By: <u>G. JAC (AAW)</u>		Date/Time: <u>2/14/20 17:37</u>	
		<u>ASAC LAC</u>		<u>2/14/20 19:00</u>		<u>J. L. AAL</u>		<u>2/14/20 21:00</u>	
		<u>D. L. AAL</u>		<u>2/15/20 00:50</u>		<u>[Signature]</u>		<u>2/15/20 00:50</u>	
		<u>[Signature]</u>		<u>2/15/20 07:48</u>		<u>[Signature]</u>		<u>2/15/20 7:48</u>	



ANALYTICAL REPORT

Lab Number:	L2007008
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Wendy Shen
Phone:	(631) 232-2600
Project Name:	1700 PARK AVENUE
Project Number:	3482.0002Y000
Report Date:	02/21/20

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Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: 1700 PARK AVENUE
Project Number: 3482.0002Y000

Lab Number: L2007008
Report Date: 02/21/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2007008-01	RSV-1700-1	SOIL_VAPOR	1700 PARK AVE NY, NY	02/14/20 14:40	02/14/20
L2007008-02	RSV-1700-2	SOIL_VAPOR	1700 PARK AVE NY, NY	02/14/20 15:12	02/14/20
L2007008-03	RSV-1700-3	SOIL_VAPOR	1700 PARK AVE NY, NY	02/14/20 15:18	02/14/20
L2007008-04	RSV-1700-4	SOIL_VAPOR	1700 PARK AVE NY, NY	02/14/20 15:35	02/14/20

Project Name: 1700 PARK AVENUE
Project Number: 3482.0002Y000

Lab Number: L2007008
Report Date: 02/21/20

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 1700 PARK AVENUE
Project Number: 3482.0002Y000

Lab Number: L2007008
Report Date: 02/21/20

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on February 10, 2020. The canister certification results are provided as an addendum.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 02/21/20

AIR

Project Name: 1700 PARK AVENUE**Project Number:** 3482.0002Y000**Lab Number:** L2007008**Report Date:** 02/21/20**SAMPLE RESULTS**

Lab ID: L2007008-01
 Client ID: RSV-1700-1
 Sample Location: 1700 PARK AVE NY, NY

Date Collected: 02/14/20 14:40
 Date Received: 02/14/20
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 02/21/20 06:11
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.434	0.200	--	2.15	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.641	0.200	--	1.42	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	6.46	5.00	--	12.2	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	23.6	1.00	--	56.1	2.38	--		1
Trichlorofluoromethane	0.209	0.200	--	1.17	1.12	--		1
Isopropanol	1.57	0.500	--	3.86	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	3.66	0.500	--	11.1	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.534	0.200	--	1.66	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	9.88	0.500	--	29.1	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 1700 PARK AVENUE**Lab Number:** L2007008**Project Number:** 3482.0002Y000**Report Date:** 02/21/20**SAMPLE RESULTS**

Lab ID: L2007008-01
 Client ID: RSV-1700-1
 Sample Location: 1700 PARK AVE NY, NY

Date Collected: 02/14/20 14:40
 Date Received: 02/14/20
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.576	0.500	--	1.70	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	6.03	0.200	--	21.3	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.594	0.200	--	1.90	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.942	0.200	--	3.24	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.358	0.200	--	1.67	0.934	--		1
Heptane	1.68	0.200	--	6.88	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.98	0.200	--	7.46	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	1.04	0.200	--	7.05	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1



Project Name: 1700 PARK AVENUE**Lab Number:** L2007008**Project Number:** 3482.0002Y000**Report Date:** 02/21/20**SAMPLE RESULTS**

Lab ID: L2007008-01
 Client ID: RSV-1700-1
 Sample Location: 1700 PARK AVE NY, NY

Date Collected: 02/14/20 14:40
 Date Received: 02/14/20
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.400	0.400	--	1.74	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	103		60-140
Bromochloromethane	113		60-140
chlorobenzene-d5	103		60-140



Project Name: 1700 PARK AVENUE**Lab Number:** L2007008**Project Number:** 3482.0002Y000**Report Date:** 02/21/20**SAMPLE RESULTS**

Lab ID: L2007008-02
 Client ID: RSV-1700-2
 Sample Location: 1700 PARK AVE NY, NY

Date Collected: 02/14/20 15:12
 Date Received: 02/14/20
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 02/21/20 06:51
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.435	0.200	--	2.15	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	28.3	1.00	--	67.2	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	0.630	0.500	--	1.55	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	5.84	0.500	--	17.7	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.33	0.500	--	3.92	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 1700 PARK AVENUE**Lab Number:** L2007008**Project Number:** 3482.0002Y000**Report Date:** 02/21/20**SAMPLE RESULTS**

Lab ID: L2007008-02
 Client ID: RSV-1700-2
 Sample Location: 1700 PARK AVE NY, NY

Date Collected: 02/14/20 15:12
 Date Received: 02/14/20
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.591	0.200	--	2.89	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.605	0.200	--	2.13	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.415	0.200	--	1.33	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.211	0.200	--	0.726	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.281	0.200	--	1.31	0.934	--		1
Heptane	0.902	0.200	--	3.70	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.98	0.200	--	7.46	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.917	0.200	--	6.22	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1



Project Name: 1700 PARK AVENUE**Lab Number:** L2007008**Project Number:** 3482.0002Y000**Report Date:** 02/21/20**SAMPLE RESULTS**

Lab ID: L2007008-02
 Client ID: RSV-1700-2
 Sample Location: 1700 PARK AVE NY, NY

Date Collected: 02/14/20 15:12
 Date Received: 02/14/20
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.446	0.400	--	1.94	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		60-140
Bromochloromethane	117		60-140
chlorobenzene-d5	104		60-140



Project Name: 1700 PARK AVENUE**Project Number:** 3482.0002Y000**Lab Number:** L2007008**Report Date:** 02/21/20**SAMPLE RESULTS**

Lab ID: L2007008-03
 Client ID: RSV-1700-3
 Sample Location: 1700 PARK AVE NY, NY

Date Collected: 02/14/20 15:18
 Date Received: 02/14/20
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 02/21/20 07:30
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.449	0.200	--	2.22	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	6.27	5.00	--	11.8	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	23.3	1.00	--	55.3	2.38	--		1
Trichlorofluoromethane	0.206	0.200	--	1.16	1.12	--		1
Isopropanol	7.42	0.500	--	18.2	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	4.39	0.500	--	13.3	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.277	0.200	--	0.863	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.60	0.500	--	4.72	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 1700 PARK AVENUE**Lab Number:** L2007008**Project Number:** 3482.0002Y000**Report Date:** 02/21/20**SAMPLE RESULTS**

Lab ID: L2007008-03
 Client ID: RSV-1700-3
 Sample Location: 1700 PARK AVE NY, NY

Date Collected: 02/14/20 15:18
 Date Received: 02/14/20
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.581	0.200	--	2.05	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.383	0.200	--	1.22	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.457	0.200	--	1.57	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.370	0.200	--	1.73	0.934	--		1
Heptane	1.14	0.200	--	4.67	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.56	0.200	--	5.88	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.388	0.200	--	2.63	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1



Project Name: 1700 PARK AVENUE**Lab Number:** L2007008**Project Number:** 3482.0002Y000**Report Date:** 02/21/20**SAMPLE RESULTS**

Lab ID: L2007008-03
 Client ID: RSV-1700-3
 Sample Location: 1700 PARK AVE NY, NY

Date Collected: 02/14/20 15:18
 Date Received: 02/14/20
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	112		60-140
chlorobenzene-d5	102		60-140



Project Name: 1700 PARK AVENUE**Lab Number:** L2007008**Project Number:** 3482.0002Y000**Report Date:** 02/21/20**SAMPLE RESULTS**

Lab ID: L2007008-04
 Client ID: RSV-1700-4
 Sample Location: 1700 PARK AVE NY, NY

Date Collected: 02/14/20 15:35
 Date Received: 02/14/20
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 02/21/20 08:10
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.427	0.200	--	2.11	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.673	0.200	--	1.49	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	5.83	5.00	--	11.0	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	21.2	1.00	--	50.4	2.38	--		1
Trichlorofluoromethane	0.219	0.200	--	1.23	1.12	--		1
Isopropanol	0.947	0.500	--	2.33	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	4.30	0.500	--	13.0	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	2.44	0.200	--	7.60	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	3.90	0.500	--	11.5	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 1700 PARK AVENUE**Lab Number:** L2007008**Project Number:** 3482.0002Y000**Report Date:** 02/21/20**SAMPLE RESULTS**

Lab ID: L2007008-04
 Client ID: RSV-1700-4
 Sample Location: 1700 PARK AVE NY, NY

Date Collected: 02/14/20 15:35
 Date Received: 02/14/20
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.444	0.200	--	2.17	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.01	0.200	--	3.56	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.554	0.200	--	1.77	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	2.94	0.200	--	10.1	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.343	0.200	--	1.60	0.934	--		1
Heptane	1.16	0.200	--	4.75	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.67	0.200	--	6.29	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.569	0.200	--	3.86	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1



Project Name: 1700 PARK AVENUE**Lab Number:** L2007008**Project Number:** 3482.0002Y000**Report Date:** 02/21/20**SAMPLE RESULTS**

Lab ID: L2007008-04
 Client ID: RSV-1700-4
 Sample Location: 1700 PARK AVE NY, NY

Date Collected: 02/14/20 15:35
 Date Received: 02/14/20
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.492	0.400	--	2.14	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.239	0.200	--	1.04	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	110		60-140
chlorobenzene-d5	97		60-140



Project Name: 1700 PARK AVENUE

Lab Number: L2007008

Project Number: 3482.0002Y000

Report Date: 02/21/20

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 02/20/20 16:39

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1342836-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1



Project Name: 1700 PARK AVENUE

Lab Number: L2007008

Project Number: 3482.0002Y000

Report Date: 02/21/20

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 02/20/20 16:39

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1342836-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1



Project Name: 1700 PARK AVENUE

Lab Number: L2007008

Project Number: 3482.0002Y000

Report Date: 02/21/20

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 02/20/20 16:39

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1342836-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0002Y000

Lab Number: L2007008

Report Date: 02/21/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1342836-3								
Dichlorodifluoromethane	96		-		70-130	-		
Chloromethane	98		-		70-130	-		
Freon-114	100		-		70-130	-		
Vinyl chloride	98		-		70-130	-		
1,3-Butadiene	103		-		70-130	-		
Bromomethane	98		-		70-130	-		
Chloroethane	98		-		70-130	-		
Ethanol	98		-		40-160	-		
Vinyl bromide	97		-		70-130	-		
Acetone	85		-		40-160	-		
Trichlorofluoromethane	92		-		70-130	-		
Isopropanol	90		-		40-160	-		
1,1-Dichloroethene	97		-		70-130	-		
Tertiary butyl Alcohol	96		-		70-130	-		
Methylene chloride	102		-		70-130	-		
3-Chloropropene	102		-		70-130	-		
Carbon disulfide	94		-		70-130	-		
Freon-113	98		-		70-130	-		
trans-1,2-Dichloroethene	94		-		70-130	-		
1,1-Dichloroethane	97		-		70-130	-		
Methyl tert butyl ether	97		-		70-130	-		
2-Butanone	98		-		70-130	-		
cis-1,2-Dichloroethene	98		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0002Y000

Lab Number: L2007008

Report Date: 02/21/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1342836-3								
Ethyl Acetate	100		-		70-130	-		
Chloroform	95		-		70-130	-		
Tetrahydrofuran	102		-		70-130	-		
1,2-Dichloroethane	98		-		70-130	-		
n-Hexane	89		-		70-130	-		
1,1,1-Trichloroethane	94		-		70-130	-		
Benzene	94		-		70-130	-		
Carbon tetrachloride	98		-		70-130	-		
Cyclohexane	97		-		70-130	-		
1,2-Dichloropropane	95		-		70-130	-		
Bromodichloromethane	96		-		70-130	-		
1,4-Dioxane	97		-		70-130	-		
Trichloroethene	96		-		70-130	-		
2,2,4-Trimethylpentane	98		-		70-130	-		
Heptane	97		-		70-130	-		
cis-1,3-Dichloropropene	101		-		70-130	-		
4-Methyl-2-pentanone	100		-		70-130	-		
trans-1,3-Dichloropropene	87		-		70-130	-		
1,1,2-Trichloroethane	98		-		70-130	-		
Toluene	98		-		70-130	-		
2-Hexanone	112		-		70-130	-		
Dibromochloromethane	104		-		70-130	-		
1,2-Dibromoethane	100		-		70-130	-		

Lab Control Sample Analysis Batch Quality Control

Project Name: 1700 PARK AVENUE

Project Number: 3482.0002Y000

Lab Number: L2007008

Report Date: 02/21/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1342836-3								
Tetrachloroethene	99		-		70-130	-		
Chlorobenzene	103		-		70-130	-		
Ethylbenzene	101		-		70-130	-		
p/m-Xylene	101		-		70-130	-		
Bromoform	108		-		70-130	-		
Styrene	102		-		70-130	-		
1,1,2,2-Tetrachloroethane	107		-		70-130	-		
o-Xylene	104		-		70-130	-		
4-Ethyltoluene	103		-		70-130	-		
1,3,5-Trimethylbenzene	104		-		70-130	-		
1,2,4-Trimethylbenzene	110		-		70-130	-		
Benzyl chloride	108		-		70-130	-		
1,3-Dichlorobenzene	102		-		70-130	-		
1,4-Dichlorobenzene	107		-		70-130	-		
1,2-Dichlorobenzene	108		-		70-130	-		
1,2,4-Trichlorobenzene	124		-		70-130	-		
Hexachlorobutadiene	113		-		70-130	-		

Project Name: 1700 PARK AVENUE

Serial_No:02212016:53
Lab Number: L2007008

Project Number: 3482.0002Y000

Report Date: 02/21/20

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2007008-01	RSV-1700-1	01139	SV30	02/10/20	313615		-	-	-	Pass	17.3	14.6	17
L2007008-01	RSV-1700-1	2310	2.7L Can	02/10/20	313615	L2004828-06	Pass	-28.8	-2.5	-	-	-	-
L2007008-02	RSV-1700-2	01334	SV20	02/10/20	313615		-	-	-	Pass	16.1	13.9	15
L2007008-02	RSV-1700-2	3204	2.7L Can	02/10/20	313615	L2005181-01	Pass	-29.4	-2.5	-	-	-	-
L2007008-03	RSV-1700-3	01262	SV20	02/10/20	313615		-	-	-	Pass	17.2	14.2	19
L2007008-03	RSV-1700-3	3111	2.7L Can	02/10/20	313615	L2005181-01	Pass	-29.1	-2.5	-	-	-	-
L2007008-04	RSV-1700-4	01336	SV20	02/10/20	313615		-	-	-	Pass	16.4	14.0	16
L2007008-04	RSV-1700-4	111	2.7L Can	02/10/20	313615	L2005181-01	Pass	-29.1	-2.5	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2004828
Report Date: 02/21/20

Air Canister Certification Results

Lab ID: L2004828-06
Client ID: CAN 245 SHELF 4
Sample Location:

Date Collected: 02/04/20 09:00
Date Received: 02/04/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 02/04/20 20:03
Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2004828
Report Date: 02/21/20

Air Canister Certification Results

Lab ID: L2004828-06
Client ID: CAN 245 SHELF 4
Sample Location:

Date Collected: 02/04/20 09:00
Date Received: 02/04/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2004828
Report Date: 02/21/20

Air Canister Certification Results

Lab ID: L2004828-06
Client ID: CAN 245 SHELF 4
Sample Location:

Date Collected: 02/04/20 09:00
Date Received: 02/04/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2004828
Report Date: 02/21/20

Air Canister Certification Results

Lab ID: L2004828-06
Client ID: CAN 245 SHELF 4
Sample Location:

Date Collected: 02/04/20 09:00
Date Received: 02/04/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2004828**Project Number:** CANISTER QC BAT**Report Date:** 02/21/20**Air Canister Certification Results**

Lab ID: L2004828-06

Date Collected: 02/04/20 09:00

Client ID: CAN 245 SHELF 4

Date Received: 02/04/20

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	96		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2004828
Report Date: 02/21/20

Air Canister Certification Results

Lab ID: L2004828-06
Client ID: CAN 245 SHELF 4
Sample Location:

Date Collected: 02/04/20 09:00
Date Received: 02/04/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 02/04/20 20:03
Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2004828
Report Date: 02/21/20

Air Canister Certification Results

Lab ID: L2004828-06
Client ID: CAN 245 SHELF 4
Sample Location:

Date Collected: 02/04/20 09:00
Date Received: 02/04/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2004828**Project Number:** CANISTER QC BAT**Report Date:** 02/21/20**Air Canister Certification Results**

Lab ID: L2004828-06

Date Collected: 02/04/20 09:00

Client ID: CAN 245 SHELF 4

Date Received: 02/04/20

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	93		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2005181
Report Date: 02/21/20

Air Canister Certification Results

Lab ID: L2005181-01
Client ID: CAN 1739 SHELF 1
Sample Location:

Date Collected: 02/04/20 16:00
Date Received: 02/05/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 02/05/20 18:10
Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2005181
Report Date: 02/21/20

Air Canister Certification Results

Lab ID: L2005181-01
Client ID: CAN 1739 SHELF 1
Sample Location:

Date Collected: 02/04/20 16:00
Date Received: 02/05/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2005181
Report Date: 02/21/20

Air Canister Certification Results

Lab ID: L2005181-01
Client ID: CAN 1739 SHELF 1
Sample Location:

Date Collected: 02/04/20 16:00
Date Received: 02/05/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2005181
Report Date: 02/21/20

Air Canister Certification Results

Lab ID: L2005181-01
Client ID: CAN 1739 SHELF 1
Sample Location:

Date Collected: 02/04/20 16:00
Date Received: 02/05/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2005181**Project Number:** CANISTER QC BAT**Report Date:** 02/21/20**Air Canister Certification Results**

Lab ID: L2005181-01

Date Collected: 02/04/20 16:00

Client ID: CAN 1739 SHELF 1

Date Received: 02/05/20

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	99		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2005181
Report Date: 02/21/20

Air Canister Certification Results

Lab ID: L2005181-01
Client ID: CAN 1739 SHELF 1
Sample Location:

Date Collected: 02/04/20 16:00
Date Received: 02/05/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 02/05/20 18:10
Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2005181
Report Date: 02/21/20

Air Canister Certification Results

Lab ID: L2005181-01
Client ID: CAN 1739 SHELF 1
Sample Location:

Date Collected: 02/04/20 16:00
Date Received: 02/05/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2005181**Project Number:** CANISTER QC BAT**Report Date:** 02/21/20**Air Canister Certification Results**

Lab ID: L2005181-01

Date Collected: 02/04/20 16:00

Client ID: CAN 1739 SHELF 1

Date Received: 02/05/20

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	99		60-140
bromochloromethane	104		60-140
chlorobenzene-d5	97		60-140



Project Name: 1700 PARK AVENUE**Lab Number:** L2007008**Project Number:** 3482.0002Y000**Report Date:** 02/21/20**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

NA Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2007008-01A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2007008-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2007008-03A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2007008-04A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)

Project Name: 1700 PARK AVENUE**Lab Number:** L2007008**Project Number:** 3482.0002Y000**Report Date:** 02/21/20

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCS D	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
	Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: Data Usability Report

Project Name: 1700 PARK AVENUE
Project Number: 3482.0002Y000

Lab Number: L2007008
Report Date: 02/21/20

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

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

Report Format: Data Usability Report



Project Name: 1700 PARK AVENUE**Lab Number:** L2007008**Project Number:** 3482.0002Y000**Report Date:** 02/21/20**Data Qualifiers**

than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.**RE** - Analytical results are from sample re-extraction.**S** - Analytical results are from modified screening analysis.

Project Name: 1700 PARK AVENUE
Project Number: 3482.0002Y000

Lab Number: L2007008
Report Date: 02/21/20

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.**EPA TO-12** Non-methane organics**EPA 3C** Fixed gases**Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg. **EPA 522.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1** Hg.**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



CHAIN OF CUSTODY

AIR ANALYSIS

PAGE 1 OF 1

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: RauX
Address: 209 Shafter St
Islandia NY 11749
Phone: 631-232-2600
Fax:
Email: wshen@rauXinc.com

☐ These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

Project Information

Project Name: 1700 Park Avenue
Project Location: 1700 Park Ave NY, NY
Project #: 3482.0002Y000
Project Manager: Wendy Shen
ALPHA Quote #: 10450

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due:

Time:

Date Rec'd in Lab:

2/15/20

Report Information - Data Deliverables

☐ FAX☐ ADEx

Criteria Checker:

(Default based on Regulatory Criteria Indicated)

Other Formats:

☐ EMAIL (standard pdf report)☒ Additional Deliverables:

Report to: (if different than Project Manager)

Cat B

ALPHA Job #:

L2607008

Billing Information

☒ Same as Client info

PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

ANALYSIS

TO-15
TO-15 SIM
APH
Fixed Gases
Sulfides & Mercaptans by TO-15

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION						Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum												
07008-01	RSV-1700-1	2/14/20	1221	1440	30.58	4.50	SV	DF	2.7L	310	CAW	FC01139	X					
-02	RSV-1700-2	2/14/20	1233	1512	30.93	4.20	SV	DF	2.7L	320	CAW	FC01334	X					
-03	RSV-1700-3	2/14/20	1240	1518	31.10	4.99	SV	DF	2.7L	311	CAW	FC01262	X					
-04	RSV-1700-4	2/14/20	1300	1535	31.08	4.68	SV	DF	2.7L	111	CAW	FC01336	X					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:

Date/Time:

Received By:

Date/Time:

Douglas Fawcett
GASAL
2/14/20 19:00
2/15/20 08:05

2/14/20 17:00
2/15/20 08:05

GTJAC (AAW)
2/14/20 17:00
2/15/20 08:05

2/14/20 17:37
2/14/20 22:00
2/15/20 03:05