Appendix B:

Dewatering Process and Treatment Plans

Westchester gov.com

George S. Latimer
County Executive

Department of Environmental Facilities

Vincent F. Kopicki, P.E.
Commissioner

January 28, 2022

SESI Consulting Engineers
12A Maple Avenue
Pine Brook, NJ 07058

Mr. Steve Gustems,

RE: Ground Water Remediation

Permit # 475-22
Site: 85 N Lexington Avenue
White Plains, NY

The wastewater discharge from the above-mentioned site may be discharged to the County Sewer System. The permit holder shall comply with all conditions as outlined in County Sewer Act, Chapter 824 of Laws of Westchester County. The limitations and requirements are as follows:

1) Effective dates of permit – **01/28/2022** to **07/27/2022** inclusive.
2) Maximum discharge to the sewer in Gallons per Day is **15 gpm** – based on monthly average. Flow shall be recorded each week using non-resettable flow meter.
3) Treatment – Sewer Use Ordinance (SUO) limitations (enclosed).
4) **Any PFAS present must be removed prior to discharge.**
5) Analyses of treated wastewater for VOC limitations stated in SUO sent to this office within 30 days of permit date.
6) Additional set of analyses every 30 days.
7) Notification, in writing, to this office when site is no longer active for 90 days and/or remediation work is complete.

If you have any further questions or concerns, please contact our office at (914)813-5431 or by e-mail mew3@westchestergov.com.

Monika Wieleba
Program Coordinator

Westchester gov.com

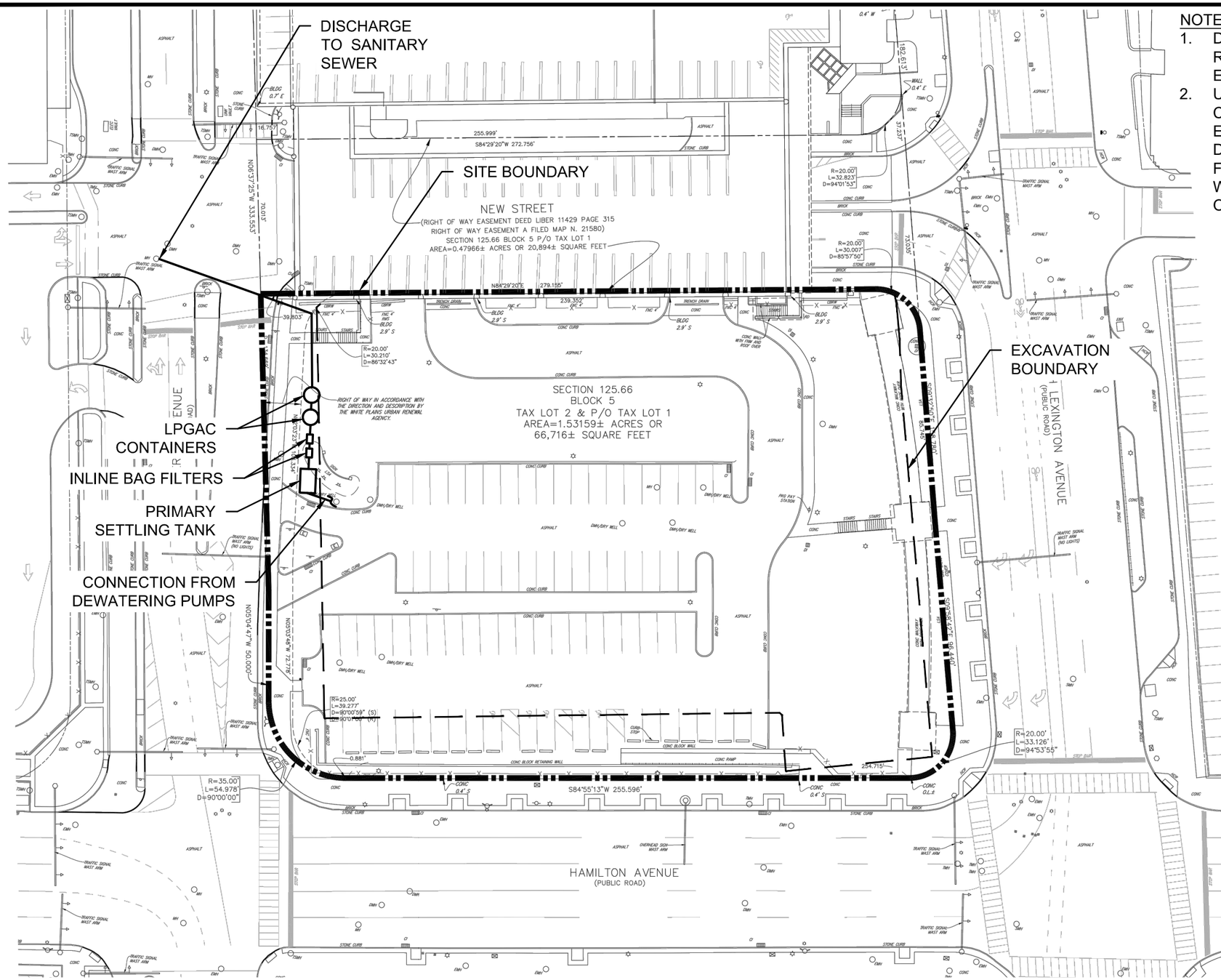
George S. Latimer
County Executive

Department of Environmental Facilities

Vincent F. Kopicki, P.E.
Commissioner

LOCAL SEWER LIMITATIONS

REGULATED POLLUTANT	AVERAGE DAILY CONCENTRATION (mg/L)
pH – Low	5.5
pH – High	9.5
Arsenic	0.2
Barium	2.0
Cadmium	0.7
Chromium (Total)	3.0
Chromium (Hex)	2.0
Copper	2.8
Cyanide (Total)	0.8
Lead	0.4
Mercury	0.2
Nickel	2.8
Oil & Grease	100.0
Phenols	4.0
Selenium	0.2
Silver	0.8
Total Toxic Organics	2.1
Zinc	1.8



NOTE:

1. DEWATERING SYSTEM TO BE RELOCATED AS REQUIRED FOR EXCAVATION PHASING.
2. UPON COMPLETION OF THE CONSTRUCTION DEWATERING, ALL EQUIPMENT WILL BE CLEANED AND DEMOBILIZED. THE SEDIMENT FROM THE SYSTEM CLEANOUT WILL BE SAMPLED AND DISPOSED OF AT APPROVED FACILITIES.

REFERENCE

SITE INFORMATION ARE TAKEN FROM "SURVEY OF PROPERTY PREPARED BY JMC PLANNING, ENGINEERING, LANDSCAPE ARCHITECTURE & LAND SURVEYING, PLLC, DATED 12/23/2020.

SCALE: 1"=50'

0 50 100

dwg by: yz
chk by: FL
scale: AS NOTED
date: 03/14/2022

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

project: GATEWAY DEVELOPMENT
85 NORTH LEXINGTON AVENUE,
WHITE PLAINS, NY

drawing title: DEWATERING PLAN

job no: 11814
drawing no: WATER-2

N:\ACAD\11814\CAD\11814 WATER SYSTEM PLAN.DWG 03/14/22 04:23:31PM, yelena.zolotova, LAYOUT: WATER-2

		SAMPLE ID:	INFLOW-1				OUTFLOW-1				FB-1 20220425			
		LAB ID:	L2221307-01				L2221307-02				L2221307-03			
		COLLECTION DATE:	4/25/2022				4/25/2022				4/25/2022			
		SAMPLE DEPTH:												
		SAMPLE MATRIX:	WATER				WATER				WATER			
		NY-TOGS-GA												
ANALYTE	**CAS**	**(ug/l)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS BY GC/MS														
Methylene chloride	75-09-2	5	ND		1	0.56	ND		1	0.56	-	-	-	-
1,1-Dichloroethane	75-34-3	5	ND		1.5	0.4	ND		1.5	0.4	-	-	-	-
Chloroform	67-66-3	7	0.71	J	1	0.38	ND		1	0.38	-	-	-	-
Carbon tetrachloride	56-23-5	5	ND		1	0.24	ND		1	0.24	-	-	-	-
1,2-Dichloropropane	78-87-5	1	ND		3.5	0.46	ND		3.5	0.46	-	-	-	-
Dibromochloromethane	124-48-1	50	ND		1	0.27	ND		1	0.27	-	-	-	-
1,1,2-Trichloroethane	79-00-5	1	ND		1.5	0.34	ND		1.5	0.34	-	-	-	-
2-Chloroethylvinyl ether	110-75-8		ND		10	0.35	ND		10	0.35	-	-	-	-
Tetrachloroethene	127-18-4	5	ND		1	0.26	ND		1	0.26	-	-	-	-
Chlorobenzene	108-90-7	5	ND		3.5	0.3	ND		3.5	0.3	-	-	-	-
Trichlorofluoromethane	75-69-4	5	ND		5	0.28	ND		5	0.28	-	-	-	-
1,2-Dichloroethane	107-06-2	0.6	ND		1.5	0.47	ND		1.5	0.47	-	-	-	-
1,1,1-Trichloroethane	71-55-6	5	ND		2	0.29	ND		2	0.29	-	-	-	-
Bromodichloromethane	75-27-4	50	ND		1	0.28	ND		1	0.28	-	-	-	-
trans-1,3-Dichloropropene	10061-02-6	0.4	ND		1.5	0.31	ND		1.5	0.31	-	-	-	-
cis-1,3-Dichloropropene	10061-01-5	0.4	ND		1.5	0.34	ND		1.5	0.34	-	-	-	-
Bromoform	75-25-2	50	ND		1	0.22	ND		1	0.22	-	-	-	-
1,1,2,2-Tetrachloroethane	79-34-5	5	ND		1	0.2	ND		1	0.2	-	-	-	-
Benzene	71-43-2	1	11		1	0.38	ND		1	0.38	-	-	-	-
Toluene	108-88-3	5	17		1	0.31	ND		1	0.31	-	-	-	-
Ethylbenzene	100-41-4	5	4.7		1	0.28	ND		1	0.28	-	-	-	-
Chloromethane	74-87-3		ND		5	1	ND		5	1	-	-	-	-
Bromomethane	74-83-9	5	ND		5	1.2	ND		5	1.2	-	-	-	-
Vinyl chloride	75-01-4	2	ND		1	0.38	ND		1	0.38	-	-	-	-
Chloroethane	75-00-3	5	ND		2	0.37	ND		2	0.37	-	-	-	-
1,1-Dichloroethene	75-35-4	5	ND		1	0.31	ND		1	0.31	-	-	-	-
trans-1,2-Dichloroethene	156-60-5	5	ND		1.5	0.33	ND		1.5	0.33	-	-	-	-
cis-1,2-Dichloroethene	156-59-2	5	ND		1	0.17	ND		1	0.17	-	-	-	-
Trichloroethene	79-01-6	5	ND		1	0.33	ND		1	0.33	-	-	-	-
1,2-Dichlorobenzene	95-50-1	3	ND		5	0.28	ND		5	0.28	-	-	-	-
1,3-Dichlorobenzene	541-73-1	3	ND		5	0.27	ND		5	0.27	-	-	-	-
1,4-Dichlorobenzene	106-46-7	3	ND		5	0.29	ND		5	0.29	-	-	-	-
p/m-Xylene	179601-23-1	5	3.4		2	0.3	ND		2	0.3	-	-	-	-
o-xylene	95-47-6	5	14		1	0.34	ND		1	0.34	-	-	-	-
Xylenes, Total	1330-20-7		17		1	0.3	ND		1	0.3	-	-	-	-
Styrene	100-42-5	930	ND		1	0.37	ND		1	0.37	-	-	-	-
Acetone	67-64-1	50	ND		10	2.4	4.3	J	10	2.4	-	-	-	-
Carbon disulfide	75-15-0	60	ND		5	0.28	ND		5	0.28	-	-	-	-
2-Butanone	78-93-3	50	ND		10	1	ND		10	1	-	-	-	-
Vinyl acetate	108-05-4		ND		10	0.41	ND		10	0.41	-	-	-	-
4-Methyl-2-pentanone	108-10-1		ND		10	0.19	ND		10	0.19	-	-	-	-
2-Hexanone	591-78-6	50	ND		10	0.55	ND		10	0.55	-	-	-	-
Acrolein	107-02-8	5	ND		8	1.8	ND		8	1.8	-	-	-	-
Acrylonitrile	107-13-1	5	ND		10	0.33	ND		10	0.33	-	-	-	-
Dibromomethane	74-95-3	5	ND		1	0.23	ND		1	0.23	-	-	-	-
Total VOCs			50.81	-	-	-	4.3	-	-	-	-	-	-	
DIOXINS & FURANS BY ISOTOPE DILUTION HRMS														
2,3,7,8-TCDD	1746-01-6		ND		0.00000943	0.00000196	ND		0.00000943	0.00000196	-	-	-	-
1,2,3,7,8-PeCDD	40321-76-4		ND		0.0000472	0.00000979	ND		0.0000472	0.00000979	-	-	-	-

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		SAMPLE ID:	INFLOW-1				OUTFLOW-1				FB-1 20220425			
		LAB ID:	L2221307-01				L2221307-02				L2221307-03			
		COLLECTION DATE:	4/25/2022				4/25/2022				4/25/2022			
		SAMPLE DEPTH:												
		SAMPLE MATRIX:	WATER				WATER				WATER			
		NY-TOGS-GA												
ANALYTE	**CAS**	**(ug/l)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
1,2,3,4,7,8-HxCDD	39227-28-6		ND		0.0000472	0.0000118	ND		0.0000472	0.0000118	-	-	-	-
1,2,3,6,7,8-HxCDD	57653-85-7		ND		0.0000472	0.0000147	ND		0.0000472	0.0000147	-	-	-	-
1,2,3,7,8,9-HxCDD	19408-74-3		ND		0.0000472	0.0000138	ND		0.0000472	0.0000138	-	-	-	-
1,2,3,4,6,7,8-HpCDD	35822-46-9		ND		0.0000472	0.0000137	ND		0.0000472	0.0000137	-	-	-	-
OCDD	3268-87-9		ND		0.0000943	0.000024	ND		0.0000943	0.000024	-	-	-	-
2,3,7,8-TCDF	51207-31-9		ND		0.00000943	0.00000289	ND		0.00000943	0.00000289	-	-	-	-
1,2,3,7,8-PeCDF	57117-41-6		ND		0.0000472	0.0000066	ND		0.0000472	0.0000066	-	-	-	-
2,3,4,7,8-PeCDF	57117-31-4		ND		0.0000472	0.00000987	ND		0.0000472	0.00000987	-	-	-	-
1,2,3,4,7,8-HxCDF	70648-26-9		ND		0.0000472	0.0000105	ND		0.0000472	0.0000105	-	-	-	-
1,2,3,6,7,8-HxCDF	57117-44-9		ND		0.0000472	0.000015	ND		0.0000472	0.000015	-	-	-	-
1,2,3,7,8,9-HxCDF	72918-21-9		ND		0.0000472	0.0000155	ND		0.0000472	0.0000155	-	-	-	-
2,3,4,6,7,8-HxCDF	60851-34-5		ND		0.0000472	0.0000149	ND		0.0000472	0.0000149	-	-	-	-
1,2,3,4,6,7,8-HpCDF	67562-39-4		ND		0.0000472	0.0000127	ND		0.0000472	0.0000127	-	-	-	-
1,2,3,4,7,8,9-HpCDF	55673-89-7		ND		0.0000472	0.000012	ND		0.0000472	0.000012	-	-	-	-
OCDF	39001-02-0		ND		0.0000943	0.0000306	ND		0.0000943	0.0000306	-	-	-	-
Total TCDD	41903-57-5		ND		0.00000943	0.00000196	ND		0.00000943	0.00000196	-	-	-	-
Total PeCDD	36088-22-9		ND		0.0000472	0.00000979	ND		0.0000472	0.00000979	-	-	-	-
Total HxCDD	34465-46-8		ND		0.0000472	0.0000118	ND		0.0000472	0.0000118	-	-	-	-
Total HpCDD	37871-00-4		ND		0.0000472	0.0000137	ND		0.0000472	0.0000137	-	-	-	-
Total TCDF	55722-27-5		ND		0.00000943	0.00000289	ND		0.00000943	0.00000289	-	-	-	-
Total PeCDF	30402-15-4		ND		0.0000472	0.0000066	ND		0.0000472	0.0000066	-	-	-	-
Total HxCDF	55684-94-1		ND		0.0000472	0.0000105	ND		0.0000472	0.0000105	-	-	-	-
Total HpCDF	38998-75-3		ND		0.0000472	0.0000127	ND		0.0000472	0.0000127	-	-	-	-
Total PCDD			ND		0.00000943	0.00000196	ND		0.00000943	0.00000196	-	-	-	-
Total PCDF			ND		0.00000943	0.00000289	ND		0.00000943	0.00000289	-	-	-	-
Toxic Equivalency (TEQ)			ND		2.8E-08	2.8E-08	ND		2.8E-08	2.8E-08	-	-	-	-
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION														
Perfluorobutanoic Acid (PFBA)	375-22-4		0.0109		0.00183	0.000373	0.00253		0.00177	0.000362	ND		0.00224	0.000458
Perfluoropentanoic Acid (PFPeA)	2706-90-3		0.0152		0.00183	0.000362	ND		0.00177	0.000351	ND		0.00224	0.000444
Perfluorobutanesulfonic Acid (PFBS)	375-73-5		0.0107		0.00183	0.000218	ND		0.00177	0.000211	ND		0.00224	0.000267
Perfluorohexanoic Acid (PFHxA)	307-24-4		0.0129		0.00183	0.0003	ND		0.00177	0.000291	ND		0.00224	0.000368
Perfluoroheptanoic Acid (PFHpA)	375-85-9		0.00834		0.00183	0.000206	ND		0.00177	0.0002	ND		0.00224	0.000253
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4		0.00788		0.00183	0.000344	ND		0.00177	0.000333	ND		0.00224	0.000422
Perfluorooctanoic Acid (PFOA)	335-67-1		0.0206		0.00183	0.000216	ND		0.00177	0.000209	ND		0.00224	0.000265
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2	27619-97-2		ND		0.00183	0.00122	ND		0.00177	0.00118	ND		0.00224	0.00149
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8		ND		0.00183	0.000629	ND		0.00177	0.00061	ND		0.00224	0.000772
Perfluorononanoic Acid (PFNA)	375-95-1		0.00148	J	0.00183	0.000285	ND		0.00177	0.000276	ND		0.00224	0.00035
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1		0.0171		0.00183	0.000461	ND		0.00177	0.000447	ND		0.00224	0.000565
Perfluorodecanoic Acid (PFDA)	335-76-2		0.000804	JF	0.00183	0.000278	ND		0.00177	0.000269	ND		0.00224	0.000341
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4		ND		0.00183	0.00111	ND		0.00177	0.00107	ND		0.00224	0.00136
N-Methyl Perfluorooctanesulfonamidoacetic Aci	2355-31-9		ND		0.00183	0.000592	ND		0.00177	0.000574	ND		0.00224	0.000727
Perfluoroundecanoic Acid (PFUnA)	2058-94-8		ND		0.00183	0.000238	ND		0.00177	0.00023	ND		0.00224	0.000292
Perfluorodecanesulfonic Acid (PFDS)	335-77-3		ND		0.00183	0.000896	ND		0.00177	0.000869	ND		0.00224	0.0011
Perfluorooctanesulfonamide (FOSA)	754-91-6		ND		0.00183	0.00053	ND		0.00177	0.000514	ND		0.00224	0.00065
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	2991-50-6		ND		0.00183	0.000735	ND		0.00177	0.000713	ND		0.00224	0.000902
Perfluorododecanoic Acid (PFDoA)	307-55-1		ND		0.00183	0.00034	ND		0.00177	0.00033	ND		0.00224	0.000417
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8		ND		0.00183	0.000299	ND		0.00177	0.00029	ND		0.00224	0.000367
Perfluorotetradecanoic Acid (PFTA)	376-06-7		ND		0.00183	0.000227	ND		0.00177	0.00022	ND		0.00224	0.000278
PFOA/PFOS, Total			0.0377		0.00183	0.000216	ND		0.00177	0.000209	ND		0.00224	0.000265
SEMIVOLATILE ORGANICS BY GC/MS														
Acenaphthene	83-32-9	20	10.1		2	0.407	ND		2	0.407	-	-	-	-

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		SAMPLE DEPTH:												
		SAMPLE MATRIX:	WATER				WATER				WATER			
		NY-TOGS-GA												
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Benzidine	92-87-5	5	ND		20	12.1	ND		20	12.1	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1	5	ND		5	1.49	ND		5	1.49	-	-	-	-
Hexachlorobenzene	118-74-1	0.04	ND		2	0.952	ND		2	0.952	-	-	-	-
Bis(2-chloroethyl)ether	111-44-4	1	ND		2	0.6	ND		2	0.6	-	-	-	-
2-Chloronaphthalene	91-58-7	10	ND		2	0.319	ND		2	0.319	-	-	-	-
3,3'-Dichlorobenzidine	91-94-1	5	ND		5	0.457	ND		5	0.457	-	-	-	-
2,4-Dinitrotoluene	121-14-2	5	ND		5	0.636	ND		5	0.636	-	-	-	-
2,6-Dinitrotoluene	606-20-2	5	ND		5	0.631	ND		5	0.631	-	-	-	-
Azobenzene	103-33-3	5	ND		2	0.889	ND		2	0.889	-	-	-	-
Fluoranthene	206-44-0	50	ND		2	0.736	ND		2	0.736	-	-	-	-
4-Chlorophenyl phenyl ether	7005-72-3		ND		2	0.371	ND		2	0.371	-	-	-	-
4-Bromophenyl phenyl ether	101-55-3		ND		2	0.447	ND		2	0.447	-	-	-	-
Bis(2-chloroisopropyl)ether	108-60-1	5	ND		2	0.822	ND		2	0.822	-	-	-	-
Bis(2-chloroethoxy)methane	111-91-1	5	ND		5	0.585	ND		5	0.585	-	-	-	-
Hexachlorobutadiene	87-68-3	0.5	ND		2	0.921	ND		2	0.921	-	-	-	-
Hexachlorocyclopentadiene	77-47-4	5	ND		10	1.36	ND		10	1.36	-	-	-	-
Hexachloroethane	67-72-1	5	ND		2	0.973	ND		2	0.973	-	-	-	-
Isophorone	78-59-1	50	ND		5	0.546	ND		5	0.546	-	-	-	-
Naphthalene	91-20-3	10	93.6		2	0.896	ND		2	0.896	-	-	-	-
Nitrobenzene	98-95-3	0.4	ND		2	0.788	ND		2	0.788	-	-	-	-
NDPA/DPA	86-30-6	50	ND		2	0.783	ND		2	0.783	-	-	-	-
n-Nitrosodi-n-propylamine	621-64-7		ND		5	0.63	ND		5	0.63	-	-	-	-
Bis(2-ethylhexyl)phthalate	117-81-7	5	ND		2.2	1.7	ND		2.2	1.7	-	-	-	-
Butyl benzyl phthalate	85-68-7	50	ND		5	0.67	ND		5	0.67	-	-	-	-
Di-n-butylphthalate	84-74-2	50	ND		5	0.631	ND		5	0.631	-	-	-	-
Di-n-octylphthalate	117-84-0	50	ND		5	0.633	ND		5	0.633	-	-	-	-
Diethyl phthalate	84-66-2	50	ND		5	0.717	ND		5	0.717	-	-	-	-
Dimethyl phthalate	131-11-3	50	ND		5	1.4	ND		5	1.4	-	-	-	-
Benzo(a)anthracene	56-55-3	0.002	ND		2	0.665	ND		2	0.665	-	-	-	-
Benzo(a)pyrene	50-32-8	0	ND		2	0.61	ND		2	0.61	-	-	-	-
Benzo(b)fluoranthene	205-99-2	0.002	ND		2	0.741	ND		2	0.741	-	-	-	-
Benzo(k)fluoranthene	207-08-9	0.002	ND		2	0.739	ND		2	0.739	-	-	-	-
Chrysene	218-01-9	0.002	ND		2	0.668	ND		2	0.668	-	-	-	-
Acenaphthylene	208-96-8		5.66		2	0.93	ND		2	0.93	-	-	-	-
Anthracene	120-12-7	50	ND		2	0.791	ND		2	0.791	-	-	-	-
Benzo(ghi)perylene	191-24-2		ND		2	0.672	ND		2	0.672	-	-	-	-
Fluorene	86-73-7	50	ND		2	0.927	ND		2	0.927	-	-	-	-
Phenanthrene	85-01-8	50	1.54	J	2	0.818	ND		2	0.818	-	-	-	-
Dibenzo(a,h)anthracene	53-70-3		ND		2	0.687	ND		2	0.687	-	-	-	-
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	ND		2	0.633	ND		2	0.633	-	-	-	-
Pyrene	129-00-0	50	ND		2	0.728	ND		2	0.728	-	-	-	-
4-Chloroaniline	106-47-8	5	ND		5	0.79	ND		5	0.79	-	-	-	-
Dibenzofuran	132-64-9		ND		2	0.373	ND		2	0.373	-	-	-	-
2-Methylnaphthalene	91-57-6		3.59		2	0.351	ND		2	0.351	-	-	-	-
n-Nitrosodimethylamine	62-75-9		ND		2	0.407	ND		2	0.407	-	-	-	-
2,4,6-Trichlorophenol	88-06-2		ND		5	0.607	ND		5	0.607	-	-	-	-
p-Chloro-m-cresol	59-50-7		ND		2	0.533	ND		2	0.533	-	-	-	-
2-Chlorophenol	95-57-8		ND		2	0.513	ND		2	0.513	-	-	-	-
2,4-Dichlorophenol	120-83-2	2	ND		5	0.554	ND		5	0.554	-	-	-	-
2,4-Dimethylphenol	105-67-9	2	ND		5	0.851	ND		5	0.851	-	-	-	-
2-Nitrophenol	88-75-5		ND		5	0.604	ND		5	0.604	-	-	-	-

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		SAMPLE ID:	INFLOW-1				OUTFLOW-1				FB-1 20220425			
		LAB ID:	L2221307-01				L2221307-02				L2221307-03			
		COLLECTION DATE:	4/25/2022				4/25/2022				4/25/2022			
		SAMPLE DEPTH:												
		SAMPLE MATRIX:	WATER				WATER				WATER			
		NY-TOGS-GA												
ANALYTE	**CAS**	**(ug/l)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
4-Nitrophenol	100-02-7		ND		10	0.834	ND		10	0.834	-	-	-	-
2,4-Dinitrophenol	51-28-5	2	ND		20	1.21	ND		20	1.21	-	-	-	-
4,6-Dinitro-o-cresol	534-52-1		ND		10	1.2	ND		10	1.2	-	-	-	-
Pentachlorophenol	87-86-5	2	ND		5	0.622	ND		5	0.622	-	-	-	-
Phenol	108-95-2	2	ND		5	0.262	ND		5	0.262	-	-	-	-
2-Methylphenol	95-48-7		ND		5	0.773	ND		5	0.773	-	-	-	-
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5		ND		5	0.511	ND		5	0.511	-	-	-	-
2,4,5-Trichlorophenol	95-95-4		ND		5	0.637	ND		5	0.637	-	-	-	-
Benzoic Acid	65-85-0		ND		50	1.17	ND		50	1.17	-	-	-	-
Benzyl Alcohol	100-51-6		ND		2	0.49	ND		2	0.49	-	-	-	-
Total SVOCs			114.49	-	-	-	-	-	-	-	-	-	-	
ORGANOCHLORINE PESTICIDES BY GC														
Delta-BHC	319-86-8	0.04	ND		0.02	0.005	ND		0.02	0.005	-	-	-	-
Lindane	58-89-9	0.05	ND		0.02	0.003	ND		0.02	0.003	-	-	-	-
Alpha-BHC	319-84-6	0.01	ND		0.02	0.004	ND		0.02	0.004	-	-	-	-
Beta-BHC	319-85-7	0.04	ND		0.02	0.009	ND		0.02	0.009	-	-	-	-
Heptachlor	76-44-8	0.04	ND		0.02	0.005	ND		0.02	0.005	-	-	-	-
Aldrin	309-00-2	0	ND		0.02	0.005	ND		0.02	0.005	-	-	-	-
Heptachlor epoxide	1024-57-3	0.03	ND		0.02	0.007	ND		0.02	0.007	-	-	-	-
Endrin	72-20-8	0	ND		0.04	0.004	ND		0.04	0.004	-	-	-	-
Endrin aldehyde	7421-93-4	5	ND		0.04	0.017	ND		0.04	0.017	-	-	-	-
Endrin ketone	53494-70-5	5	ND		0.04	0.005	ND		0.04	0.005	-	-	-	-
Dieldrin	60-57-1	0.004	ND		0.04	0.003	ND		0.04	0.003	-	-	-	-
4,4'-DDE	72-55-9	0.2	ND		0.04	0.003	ND		0.04	0.003	-	-	-	-
4,4'-DDD	72-54-8	0.3	ND		0.04	0.008	ND		0.04	0.008	-	-	-	-
4,4'-DDT	50-29-3	0.2	ND		0.04	0.008	ND		0.04	0.008	-	-	-	-
Endosulfan I	959-98-8		ND		0.02	0.008	ND		0.02	0.008	-	-	-	-
Endosulfan II	33213-65-9		ND		0.04	0.003	ND		0.04	0.003	-	-	-	-
Endosulfan sulfate	1031-07-8		ND		0.04	0.017	ND		0.04	0.017	-	-	-	-
Methoxychlor	72-43-5	35	ND		0.1	0.008	ND		0.1	0.008	-	-	-	-
Toxaphene	8001-35-2	0.06	ND		0.4	0.126	ND		0.4	0.126	-	-	-	-
Chlordane	57-74-9	0.05	ND		0.2	0.042	ND		0.2	0.042	-	-	-	-
cis-Chlordane	5103-71-9		ND		0.02	0.005	ND		0.02	0.005	-	-	-	-
trans-Chlordane	5103-74-2		ND		0.02	0.008	ND		0.02	0.008	-	-	-	-
POLYCHLORINATED BIPHENYLS BY GC														
Aroclor 1016	12674-11-2	0.09	ND		0.25	0.016	ND		0.25	0.016	-	-	-	-
Aroclor 1221	11104-28-2	0.09	ND		0.25	0.022	ND		0.25	0.022	-	-	-	-
Aroclor 1232	11141-16-5	0.09	ND		0.25	0.046	ND		0.25	0.046	-	-	-	-
Aroclor 1242	53469-21-9	0.09	ND		0.25	0.036	ND		0.25	0.036	-	-	-	-
Aroclor 1248	12672-29-6	0.09	ND		0.25	0.046	ND		0.25	0.046	-	-	-	-
Aroclor 1254	11097-69-1	0.09	ND		0.25	0.017	ND		0.25	0.017	-	-	-	-
Aroclor 1260	11096-82-5	0.09	ND		0.2	0.034	ND		0.2	0.034	-	-	-	-
GENERAL CHEMISTRY														
pH (H)	12408-02-5		7.2		0	NA	7.4		0	NA	-	-	-	-
Oil & Grease, Hem-Grav	NONE		ND		4000	4000	ND		4000	4000	-	-	-	-
Chromium, Hexavalent	18540-29-9	100	ND		10	3	ND		10	3	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.

NY-TOGS-GA: NY - New York TOGS 111 Groundwater Effluent Limitations criteria reflects all addendum to criteria through June 2004.

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		SAMPLE ID:	INFLOW-2				OUTFLOW-2				FB20220525			
		LAB ID:	L2227756-01				L2227756-02				L2227756-09			
		COLLECTION DATE:	5/25/2022				5/25/2022				5/25/2022			
		SAMPLE DEPTH:												
		SAMPLE MATRIX:	WATER				WATER				WATER			
		NY-TOGS-GA												
ANALYTE	**CAS**	**(ug/l)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS BY GC/MS														
Methylene chloride	75-09-2	5	ND		1	0.56	ND		1	0.56	-	-	-	-
1,1-Dichloroethane	75-34-3	5	ND		1.5	0.4	ND		1.5	0.4	-	-	-	-
Chloroform	67-66-3	7	0.68	J	1	0.38	ND		1	0.38	-	-	-	-
Carbon tetrachloride	56-23-5	5	ND		1	0.24	ND		1	0.24	-	-	-	-
1,2-Dichloropropane	78-87-5	1	ND		3.5	0.46	ND		3.5	0.46	-	-	-	-
Dibromochloromethane	124-48-1	50	ND		1	0.27	ND		1	0.27	-	-	-	-
1,1,2-Trichloroethane	79-00-5	1	ND		1.5	0.34	ND		1.5	0.34	-	-	-	-
2-Chloroethylvinyl ether	110-75-8		ND		10	0.35	ND		10	0.35	-	-	-	-
Tetrachloroethene	127-18-4	5	ND		1	0.26	ND		1	0.26	-	-	-	-
Chlorobenzene	108-90-7	5	ND		3.5	0.3	ND		3.5	0.3	-	-	-	-
Trichlorofluoromethane	75-69-4	5	ND		5	0.28	ND		5	0.28	-	-	-	-
1,2-Dichloroethane	107-06-2	0.6	ND		1.5	0.47	ND		1.5	0.47	-	-	-	-
1,1,1-Trichloroethane	71-55-6	5	ND		2	0.29	ND		2	0.29	-	-	-	-
Bromodichloromethane	75-27-4	50	ND		1	0.28	ND		1	0.28	-	-	-	-
trans-1,3-Dichloropropene	10061-02-6	0.4	ND		1.5	0.31	ND		1.5	0.31	-	-	-	-
cis-1,3-Dichloropropene	10061-01-5	0.4	ND		1.5	0.34	ND		1.5	0.34	-	-	-	-
Bromoform	75-25-2	50	ND		1	0.22	ND		1	0.22	-	-	-	-
1,1,2,2-Tetrachloroethane	79-34-5	5	ND		1	0.2	ND		1	0.2	-	-	-	-
Benzene	71-43-2	1	0.64	J	1	0.38	ND		1	0.38	-	-	-	-
Toluene	108-88-3	5	0.57	J	1	0.31	ND		1	0.31	-	-	-	-
Ethylbenzene	100-41-4	5	0.44	J	1	0.28	ND		1	0.28	-	-	-	-
Chloromethane	74-87-3		ND		5	1	ND		5	1	-	-	-	-
Bromomethane	74-83-9	5	ND		5	1.2	ND		5	1.2	-	-	-	-
Vinyl chloride	75-01-4	2	ND		1	0.38	ND		1	0.38	-	-	-	-
Chloroethane	75-00-3	5	ND		2	0.37	ND		2	0.37	-	-	-	-
1,1-Dichloroethene	75-35-4	5	ND		1	0.31	ND		1	0.31	-	-	-	-
trans-1,2-Dichloroethene	156-60-5	5	ND		1.5	0.33	ND		1.5	0.33	-	-	-	-
cis-1,2-Dichloroethene	156-59-2	5	ND		1	0.17	ND		1	0.17	-	-	-	-
Trichloroethene	79-01-6	5	ND		1	0.33	ND		1	0.33	-	-	-	-
1,2-Dichlorobenzene	95-50-1	3	ND		5	0.28	ND		5	0.28	-	-	-	-
1,3-Dichlorobenzene	541-73-1	3	ND		5	0.27	ND		5	0.27	-	-	-	-
1,4-Dichlorobenzene	106-46-7	3	ND		5	0.29	ND		5	0.29	-	-	-	-
p/m-Xylene	179601-23-1	5	0.33	J	2	0.3	ND		2	0.3	-	-	-	-
o-xylene	95-47-6	5	0.63	J	1	0.34	ND		1	0.34	-	-	-	-
Xylenes, Total	1330-20-7		0.96	J	1	0.3	ND		1	0.3	-	-	-	-
Styrene	100-42-5	930	ND		1	0.37	ND		1	0.37	-	-	-	-
Acetone	67-64-1	50	ND		10	2.4	ND		10	2.4	-	-	-	-
Carbon disulfide	75-15-0	60	ND		5	0.28	ND		5	0.28	-	-	-	-
2-Butanone	78-93-3	50	ND		10	1	ND		10	1	-	-	-	-
Vinyl acetate	108-05-4		ND		10	0.41	ND		10	0.41	-	-	-	-
4-Methyl-2-pentanone	108-10-1		ND		10	0.19	ND		10	0.19	-	-	-	-
2-Hexanone	591-78-6	50	ND		10	0.55	ND		10	0.55	-	-	-	-
Acrolein	107-02-8	5	ND		8	1.8	ND		8	1.8	-	-	-	-
Acrylonitrile	107-13-1	5	ND		10	0.33	ND		10	0.33	-	-	-	-
Dibromomethane	74-95-3	5	ND		1	0.23	ND		1	0.23	-	-	-	-
Total VOCs			3.29	-	-	-	-	-	-	-	-	-	-	
DIOXINS & FURANS BY ISOTOPE DILUTION HRMS														
2,3,7,8-TCDD	1746-01-6		ND		0.00000965	0.00000201	ND		0.00000978	0.00000204	-	-	-	-
1,2,3,7,8-PeCDD	40321-76-4		ND		0.0000483	0.00001	ND		0.0000489	0.0000102	-	-	-	-

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		SAMPLE ID:	INFLOW-2				OUTFLOW-2				FB20220525			
		LAB ID:	L2227756-01				L2227756-02				L2227756-09			
		COLLECTION DATE:	5/25/2022				5/25/2022				5/25/2022			
		SAMPLE DEPTH:												
		SAMPLE MATRIX:	WATER				WATER				WATER			
		NY-TOGS-GA												
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
1,2,3,4,7,8-HxCDD	39227-28-6		ND		0.0000483	0.0000121	ND		0.0000489	0.0000123	-	-	-	-
1,2,3,6,7,8-HxCDD	57653-85-7		ND		0.0000483	0.000015	ND		0.0000489	0.0000152	-	-	-	-
1,2,3,7,8,9-HxCDD	19408-74-3		ND		0.0000483	0.0000141	ND		0.0000489	0.0000143	-	-	-	-
1,2,3,4,6,7,8-HpCDD	35822-46-9		ND		0.0000483	0.000014	ND		0.0000489	0.0000142	-	-	-	-
OCDD	3268-87-9		ND		0.0000965	0.0000245	ND		0.0000978	0.0000248	-	-	-	-
2,3,7,8-TCDF	51207-31-9		ND		0.00000965	0.00000295	ND		0.00000978	0.00000299	-	-	-	-
1,2,3,7,8-PeCDF	57117-41-6		ND		0.0000483	0.00000676	ND		0.0000489	0.00000685	-	-	-	-
2,3,4,7,8-PeCDF	57117-31-4		ND		0.0000483	0.0000101	ND		0.0000489	0.0000102	-	-	-	-
1,2,3,4,7,8-HxCDF	70648-26-9		ND		0.0000483	0.0000107	ND		0.0000489	0.0000109	-	-	-	-
1,2,3,6,7,8-HxCDF	57117-44-9		ND		0.0000483	0.0000154	ND		0.0000489	0.0000156	-	-	-	-
1,2,3,7,8,9-HxCDF	72918-21-9		ND		0.0000483	0.0000159	ND		0.0000489	0.0000161	-	-	-	-
2,3,4,6,7,8-HxCDF	60851-34-5		ND		0.0000483	0.0000153	ND		0.0000489	0.0000155	-	-	-	-
1,2,3,4,6,7,8-HpCDF	67562-39-4		ND		0.0000483	0.000013	ND		0.0000489	0.0000131	-	-	-	-
1,2,3,4,7,8,9-HpCDF	55673-89-7		ND		0.0000483	0.0000123	ND		0.0000489	0.0000124	-	-	-	-
OCDF	39001-02-0		ND		0.0000965	0.0000313	ND		0.0000978	0.0000317	-	-	-	-
Total TCDD	41903-57-5		ND		0.00000965	0.00000201	ND		0.00000978	0.00000204	-	-	-	-
Total PeCDD	36088-22-9		ND		0.0000483	0.00001	ND		0.0000489	0.0000102	-	-	-	-
Total HxCDD	34465-46-8		ND		0.0000483	0.0000121	ND		0.0000489	0.0000123	-	-	-	-
Total HpCDD	37871-00-4		ND		0.0000483	0.000014	ND		0.0000489	0.0000142	-	-	-	-
Total TCDF	55722-27-5		ND		0.00000965	0.00000295	ND		0.00000978	0.00000299	-	-	-	-
Total PeCDF	30402-15-4		ND		0.0000483	0.00000676	ND		0.0000489	0.00000685	-	-	-	-
Total HxCDF	55684-94-1		ND		0.0000483	0.0000107	ND		0.0000489	0.0000109	-	-	-	-
Total HpCDF	38998-75-3		ND		0.0000483	0.000013	ND		0.0000489	0.0000131	-	-	-	-
Total PCDD			ND		0.00000965	0.00000201	ND		0.00000978	0.00000204	-	-	-	-
Total PCDF			ND		0.00000965	0.00000295	ND		0.00000978	0.00000299	-	-	-	-
Toxic Equivalency (TEQ)			ND		2.9E-08	2.9E-08	ND		2.9E-08	2.9E-08	-	-	-	-
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION														
Perfluorobutanoic Acid (PFBA)	375-22-4		0.00854		0.00177	0.00036	0.00366		0.0018	0.000367	ND		0.00195	0.000398
Perfluoropentanoic Acid (PFPeA)	2706-90-3		0.0116		0.00177	0.00035	0.000673	J	0.0018	0.000356	ND		0.00195	0.000386
Perfluorobutanesulfonic Acid (PFBS)	375-73-5		0.00739		0.00177	0.00021	ND		0.0018	0.000214	ND		0.00195	0.000232
Perfluorohexanoic Acid (PFHxA)	307-24-4		0.00908		0.00177	0.00029	ND		0.0018	0.000295	ND		0.00195	0.00032
Perfluoroheptanoic Acid (PFHpA)	375-85-9		0.00641		0.00177	0.000199	ND		0.0018	0.000202	ND		0.00195	0.000219
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4		0.00656		0.00177	0.000332	ND		0.0018	0.000338	ND		0.00195	0.000366
Perfluorooctanoic Acid (PFOA)	335-67-1		0.019		0.00177	0.000208	ND		0.0018	0.000212	ND		0.00195	0.00023
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2	27619-97-2		ND		0.00177	0.00118	ND		0.0018	0.0012	ND		0.00195	0.0013
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8		ND		0.00177	0.000608	ND		0.0018	0.000619	ND		0.00195	0.00067
Perfluorononanoic Acid (PFNA)	375-95-1		0.000908	J	0.00177	0.000276	ND		0.0018	0.00028	ND		0.00195	0.000304
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1		0.0152		0.00177	0.000445	ND		0.0018	0.000453	ND		0.00195	0.000491
Perfluorodecanoic Acid (PFDA)	335-76-2		0.000314	JF	0.00177	0.000268	ND		0.0018	0.000273	ND		0.00195	0.000296
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4		ND		0.00177	0.00107	ND		0.0018	0.00109	ND		0.00195	0.00118
N-Methyl Perfluorooctanesulfonamidoacetic Aci	2355-31-9		ND		0.00177	0.000572	ND		0.0018	0.000583	ND		0.00195	0.000632
Perfluoroundecanoic Acid (PFUnA)	2058-94-8		ND		0.00177	0.00023	ND		0.0018	0.000234	ND		0.00195	0.000253
Perfluorodecanesulfonic Acid (PFDS)	335-77-3		ND		0.00177	0.000866	ND		0.0018	0.000881	ND		0.00195	0.000955
Perfluorooctanesulfonamide (FOSA)	754-91-6		ND		0.00177	0.000512	ND		0.0018	0.000522	ND		0.00195	0.000565
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	2991-50-6		ND		0.00177	0.00071	ND		0.0018	0.000723	ND		0.00195	0.000784
Perfluorododecanoic Acid (PFDoA)	307-55-1		ND		0.00177	0.000328	ND		0.0018	0.000334	ND		0.00195	0.000362
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8		ND		0.00177	0.000289	ND		0.0018	0.000294	ND		0.00195	0.000319
Perfluorotetradecanoic Acid (PFTA)	376-06-7		ND		0.00177	0.000219	ND		0.0018	0.000223	ND		0.00195	0.000242
PFOA/PFOS, Total			0.0342		0.00177	0.000208	ND		0.0018	0.000212	ND		0.00195	0.00023
SEMIVOLATILE ORGANICS BY GC/MS														
Acenaphthene	83-32-9	20	1.14	J	2	0.407	ND		2	0.407	-	-	-	-

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		SAMPLE ID:	INFLOW-2				OUTFLOW-2				FB20220525			
		LAB ID:	L2227756-01				L2227756-02				L2227756-09			
		COLLECTION DATE:	5/25/2022				5/25/2022				5/25/2022			
		SAMPLE DEPTH:												
		SAMPLE MATRIX:	WATER				WATER				WATER			
		NY-TOGS-GA												
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Benzidine	92-87-5	5	ND		20	12.1	ND		20	12.1	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1	5	ND		5	1.49	ND		5	1.49	-	-	-	-
Hexachlorobenzene	118-74-1	0.04	ND		2	0.952	ND		2	0.952	-	-	-	-
Bis(2-chloroethyl)ether	111-44-4	1	ND		2	0.6	ND		2	0.6	-	-	-	-
2-Chloronaphthalene	91-58-7	10	ND		2	0.319	ND		2	0.319	-	-	-	-
3,3'-Dichlorobenzidine	91-94-1	5	ND		5	0.457	ND		5	0.457	-	-	-	-
2,4-Dinitrotoluene	121-14-2	5	ND		5	0.636	ND		5	0.636	-	-	-	-
2,6-Dinitrotoluene	606-20-2	5	ND		5	0.631	ND		5	0.631	-	-	-	-
Azobenzene	103-33-3	5	ND		2	0.889	ND		2	0.889	-	-	-	-
Fluoranthene	206-44-0	50	ND		2	0.736	ND		2	0.736	-	-	-	-
4-Chlorophenyl phenyl ether	7005-72-3		ND		2	0.371	ND		2	0.371	-	-	-	-
4-Bromophenyl phenyl ether	101-55-3		ND		2	0.447	ND		2	0.447	-	-	-	-
Bis(2-chloroisopropyl)ether	108-60-1	5	ND		2	0.822	ND		2	0.822	-	-	-	-
Bis(2-chloroethoxy)methane	111-91-1	5	ND		5	0.585	ND		5	0.585	-	-	-	-
Hexachlorobutadiene	87-68-3	0.5	ND		2	0.921	ND		2	0.921	-	-	-	-
Hexachlorocyclopentadiene	77-47-4	5	ND		10	1.36	ND		10	1.36	-	-	-	-
Hexachloroethane	67-72-1	5	ND		2	0.973	ND		2	0.973	-	-	-	-
Isophorone	78-59-1	50	ND		5	0.546	ND		5	0.546	-	-	-	-
Naphthalene	91-20-3	10	4.03		2	0.896	ND		2	0.896	-	-	-	-
Nitrobenzene	98-95-3	0.4	ND		2	0.788	ND		2	0.788	-	-	-	-
NDPA/DPA	86-30-6	50	ND		2	0.783	ND		2	0.783	-	-	-	-
n-Nitrosodi-n-propylamine	621-64-7		ND		5	0.63	ND		5	0.63	-	-	-	-
Bis(2-ethylhexyl)phthalate	117-81-7	5	ND		2.2	1.7	ND		2.2	1.7	-	-	-	-
Butyl benzyl phthalate	85-68-7	50	ND		5	0.67	ND		5	0.67	-	-	-	-
Di-n-butylphthalate	84-74-2	50	ND		5	0.631	ND		5	0.631	-	-	-	-
Di-n-octylphthalate	117-84-0	50	ND		5	0.633	ND		5	0.633	-	-	-	-
Diethyl phthalate	84-66-2	50	ND		5	0.717	ND		5	0.717	-	-	-	-
Dimethyl phthalate	131-11-3	50	ND		5	1.4	ND		5	1.4	-	-	-	-
Benzo(a)anthracene	56-55-3	0.002	ND		2	0.665	ND		2	0.665	-	-	-	-
Benzo(a)pyrene	50-32-8	0	ND		2	0.61	ND		2	0.61	-	-	-	-
Benzo(b)fluoranthene	205-99-2	0.002	ND		2	0.741	ND		2	0.741	-	-	-	-
Benzo(k)fluoranthene	207-08-9	0.002	ND		2	0.739	ND		2	0.739	-	-	-	-
Chrysene	218-01-9	0.002	ND		2	0.668	ND		2	0.668	-	-	-	-
Acenaphthylene	208-96-8		ND		2	0.93	ND		2	0.93	-	-	-	-
Anthracene	120-12-7	50	ND		2	0.791	ND		2	0.791	-	-	-	-
Benzo(ghi)perylene	191-24-2		ND		2	0.672	ND		2	0.672	-	-	-	-
Fluorene	86-73-7	50	ND		2	0.927	ND		2	0.927	-	-	-	-
Phenanthrene	85-01-8	50	ND		2	0.818	ND		2	0.818	-	-	-	-
Dibenzo(a,h)anthracene	53-70-3		ND		2	0.687	ND		2	0.687	-	-	-	-
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	ND		2	0.633	ND		2	0.633	-	-	-	-
Pyrene	129-00-0	50	ND		2	0.728	ND		2	0.728	-	-	-	-
4-Chloroaniline	106-47-8	5	ND		5	0.79	ND		5	0.79	-	-	-	-
Dibenzofuran	132-64-9		ND		2	0.373	ND		2	0.373	-	-	-	-
2-Methylnaphthalene	91-57-6		ND		2	0.351	ND		2	0.351	-	-	-	-
n-Nitrosodimethylamine	62-75-9		ND		2	0.407	ND		2	0.407	-	-	-	-
2,4,6-Trichlorophenol	88-06-2		ND		5	0.607	ND		5	0.607	-	-	-	-
p-Chloro-m-cresol	59-50-7		ND		2	0.533	ND		2	0.533	-	-	-	-
2-Chlorophenol	95-57-8		ND		2	0.513	ND		2	0.513	-	-	-	-
2,4-Dichlorophenol	120-83-2	2	ND		5	0.554	ND		5	0.554	-	-	-	-
2,4-Dimethylphenol	105-67-9	2	ND		5	0.851	ND		5	0.851	-	-	-	-
2-Nitrophenol	88-75-5		ND		5	0.604	ND		5	0.604	-	-	-	-

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		SAMPLE ID:	INFLOW-2				OUTFLOW-2				FB20220525			
		LAB ID:	L2227756-01				L2227756-02				L2227756-09			
		COLLECTION DATE:	5/25/2022				5/25/2022				5/25/2022			
		SAMPLE DEPTH:												
		SAMPLE MATRIX:	WATER				WATER				WATER			
		NY-TOGS-GA												
ANALYTE	**CAS**	**(ug/l)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
4-Nitrophenol	100-02-7		ND		10	0.834	ND		10	0.834	-	-	-	-
2,4-Dinitrophenol	51-28-5	2	ND		20	1.21	ND		20	1.21	-	-	-	-
4,6-Dinitro-o-cresol	534-52-1		ND		10	1.2	ND		10	1.2	-	-	-	-
Pentachlorophenol	87-86-5	2	ND		5	0.622	ND		5	0.622	-	-	-	-
Phenol	108-95-2	2	ND		5	0.262	ND		5	0.262	-	-	-	-
2-Methylphenol	95-48-7		ND		5	0.773	ND		5	0.773	-	-	-	-
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5		ND		5	0.511	ND		5	0.511	-	-	-	-
2,4,5-Trichlorophenol	95-95-4		ND		5	0.637	ND		5	0.637	-	-	-	-
Benzoic Acid	65-85-0		ND		50	1.17	ND		50	1.17	-	-	-	-
Benzyl Alcohol	100-51-6		ND		2	0.49	ND		2	0.49	-	-	-	-
Total SVOCs			5.17	-	-	-	-	-	-	-	-	-	-	
ORGANOCHLORINE PESTICIDES BY GC														
Delta-BHC	319-86-8	0.04	ND		0.02	0.005	ND		0.02	0.005	-	-	-	-
Lindane	58-89-9	0.05	ND		0.02	0.003	ND		0.02	0.003	-	-	-	-
Alpha-BHC	319-84-6	0.01	ND		0.02	0.004	ND		0.02	0.004	-	-	-	-
Beta-BHC	319-85-7	0.04	ND		0.02	0.009	ND		0.02	0.009	-	-	-	-
Heptachlor	76-44-8	0.04	ND		0.02	0.005	ND		0.02	0.005	-	-	-	-
Aldrin	309-00-2	0	ND		0.02	0.005	ND		0.02	0.005	-	-	-	-
Heptachlor epoxide	1024-57-3	0.03	ND		0.02	0.007	ND		0.02	0.007	-	-	-	-
Endrin	72-20-8	0	ND		0.04	0.004	ND		0.04	0.004	-	-	-	-
Endrin aldehyde	7421-93-4	5	ND		0.04	0.017	ND		0.04	0.017	-	-	-	-
Endrin ketone	53494-70-5	5	ND		0.04	0.005	ND		0.04	0.005	-	-	-	-
Dieldrin	60-57-1	0.004	ND		0.04	0.003	ND		0.04	0.003	-	-	-	-
4,4'-DDE	72-55-9	0.2	ND		0.04	0.003	ND		0.04	0.003	-	-	-	-
4,4'-DDD	72-54-8	0.3	ND		0.04	0.008	ND		0.04	0.008	-	-	-	-
4,4'-DDT	50-29-3	0.2	ND		0.04	0.008	ND		0.04	0.008	-	-	-	-
Endosulfan I	959-98-8		ND		0.02	0.008	ND		0.02	0.008	-	-	-	-
Endosulfan II	33213-65-9		ND		0.04	0.003	ND		0.04	0.003	-	-	-	-
Endosulfan sulfate	1031-07-8		ND		0.04	0.017	ND		0.04	0.017	-	-	-	-
Methoxychlor	72-43-5	35	ND		0.1	0.008	ND		0.1	0.008	-	-	-	-
Toxaphene	8001-35-2	0.06	ND		0.4	0.126	ND		0.4	0.126	-	-	-	-
Chlordane	57-74-9	0.05	ND		0.2	0.042	ND		0.2	0.042	-	-	-	-
cis-Chlordane	5103-71-9		ND		0.02	0.005	ND		0.02	0.005	-	-	-	-
trans-Chlordane	5103-74-2		ND		0.02	0.008	ND		0.02	0.008	-	-	-	-
POLYCHLORINATED BIPHENYLS BY GC														
Aroclor 1016	12674-11-2	0.09	ND		0.25	0.016	ND		0.25	0.016	-	-	-	-
Aroclor 1221	11104-28-2	0.09	ND		0.25	0.022	ND		0.25	0.022	-	-	-	-
Aroclor 1232	11141-16-5	0.09	ND		0.25	0.046	ND		0.25	0.046	-	-	-	-
Aroclor 1242	53469-21-9	0.09	ND		0.25	0.036	ND		0.25	0.036	-	-	-	-
Aroclor 1248	12672-29-6	0.09	ND		0.25	0.046	ND		0.25	0.046	-	-	-	-
Aroclor 1254	11097-69-1	0.09	ND		0.25	0.017	ND		0.25	0.017	-	-	-	-
Aroclor 1260	11096-82-5	0.09	ND		0.2	0.034	ND		0.2	0.034	-	-	-	-
TOTAL METALS														
Arsenic, Total	7440-38-2	50	ND		5	2	2	J	5	2	-	-	-	-
Barium, Total	7440-39-3	2000	480		10	2	457		10	2	-	-	-	-
Cadmium, Total	7440-43-9	10	ND		5	1	ND		5	1	-	-	-	-
Chromium, Total	7440-47-3	100	ND		10	2	ND		10	2	-	-	-	-
Lead, Total	7439-92-1	50	ND		10	3	ND		10	3	-	-	-	-
Mercury, Total	7439-97-6	1.4	ND		0.2	0.09	ND		0.2	0.09	-	-	-	-
Selenium, Total	7782-49-2	20	ND		10	4	ND		10	4	-	-	-	-
Silver, Total	7440-22-4	100	ND		7	3	ND		7	3	-	-	-	-

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		SAMPLE ID:	INFLOW-2				OUTFLOW-2				FB20220525			
		LAB ID:	L2227756-01				L2227756-02				L2227756-09			
		COLLECTION DATE:	5/25/2022				5/25/2022				5/25/2022			
		SAMPLE DEPTH:												
		SAMPLE MATRIX:	WATER				WATER				WATER			
		NY-TOGS-GA												
ANALYTE	**CAS**	**(ug/l)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
GENERAL CHEMISTRY														
pH (H)	12408-02-5		7.8		0	NA	8		0	NA	-	-	-	-
Oil & Grease, Hem-Grav	NONE		5100		4000	4000	ND		4000	4000	-	-	-	-
Chromium, Hexavalent	18540-29-9	100	ND		10	3	ND		10	3	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.

NY-TOGS-GA: NY - New York TOGS 111 Groundwater Effluent Limitations criteria reflects all addendum to criteria through June 2004.

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		SAMPLE ID:	INFLOW-3				OUTFLOW-3				FB20220622			
		LAB ID:	L2232783-01				L2232783-02				L2232783-03			
		COLLECTION DATE:	6/21/2022				6/21/2022				6/21/2022			
		SAMPLE DEPTH:												
		SAMPLE MATRIX:	WATER				WATER				WATER			
		NY-TOGS-GA												
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS														
Methylene chloride	75-09-2	5	ND		1	0.56	ND		1	0.56	-	-	-	-
1,1-Dichloroethane	75-34-3	5	ND		1.5	0.4	ND		1.5	0.4	-	-	-	-
Chloroform	67-66-3	7	0.84	J	1	0.38	ND		1	0.38	-	-	-	-
Carbon tetrachloride	56-23-5	5	ND		1	0.24	ND		1	0.24	-	-	-	-
1,2-Dichloropropane	78-87-5	1	ND		3.5	0.46	ND		3.5	0.46	-	-	-	-
Dibromochloromethane	124-48-1	50	ND		1	0.27	ND		1	0.27	-	-	-	-
1,1,2-Trichloroethane	79-00-5	1	ND		1.5	0.34	ND		1.5	0.34	-	-	-	-
2-Chloroethylvinyl ether	110-75-8		ND		10	0.35	ND		10	0.35	-	-	-	-
Tetrachloroethene	127-18-4	5	ND		1	0.26	ND		1	0.26	-	-	-	-
Chlorobenzene	108-90-7	5	ND		3.5	0.3	ND		3.5	0.3	-	-	-	-
Trichlorofluoromethane	75-69-4	5	ND		5	0.28	ND		5	0.28	-	-	-	-
1,2-Dichloroethane	107-06-2	0.6	ND		1.5	0.47	ND		1.5	0.47	-	-	-	-
1,1,1-Trichloroethane	71-55-6	5	ND		2	0.29	ND		2	0.29	-	-	-	-
Bromodichloromethane	75-27-4	50	ND		1	0.28	ND		1	0.28	-	-	-	-
trans-1,3-Dichloropropene	10061-02-6	0.4	ND		1.5	0.31	ND		1.5	0.31	-	-	-	-
cis-1,3-Dichloropropene	10061-01-5	0.4	ND		1.5	0.34	ND		1.5	0.34	-	-	-	-
Bromoform	75-25-2	50	ND		1	0.22	ND		1	0.22	-	-	-	-
1,1,2,2-Tetrachloroethane	79-34-5	5	ND		1	0.2	ND		1	0.2	-	-	-	-
Benzene	71-43-2	1	0.51	J	1	0.38	ND		1	0.38	-	-	-	-
Toluene	108-88-3	5	ND		1	0.31	ND		1	0.31	-	-	-	-
Ethylbenzene	100-41-4	5	ND		1	0.28	ND		1	0.28	-	-	-	-
Chloromethane	74-87-3		ND		5	1	ND		5	1	-	-	-	-
Bromomethane	74-83-9	5	ND		5	1.2	ND		5	1.2	-	-	-	-
Vinyl chloride	75-01-4	2	ND		1	0.38	ND		1	0.38	-	-	-	-
Chloroethane	75-00-3	5	ND		2	0.37	ND		2	0.37	-	-	-	-
1,1-Dichloroethene	75-35-4	5	ND		1	0.31	ND		1	0.31	-	-	-	-
trans-1,2-Dichloroethene	156-60-5	5	ND		1.5	0.33	ND		1.5	0.33	-	-	-	-
cis-1,2-Dichloroethene	156-59-2	5	ND		1	0.17	ND		1	0.17	-	-	-	-
Trichloroethene	79-01-6	5	ND		1	0.33	ND		1	0.33	-	-	-	-
1,2-Dichlorobenzene	95-50-1	3	ND		5	0.28	ND		5	0.28	-	-	-	-
1,3-Dichlorobenzene	541-73-1	3	ND		5	0.27	ND		5	0.27	-	-	-	-
1,4-Dichlorobenzene	106-46-7	3	ND		5	0.29	ND		5	0.29	-	-	-	-
p/m-Xylene	179601-23-1	5	ND		2	0.3	ND		2	0.3	-	-	-	-
o-xylene	95-47-6	5	ND		1	0.34	ND		1	0.34	-	-	-	-
Xylenes, Total	1330-20-7		ND		1	0.3	ND		1	0.3	-	-	-	-
Styrene	100-42-5	930	ND		1	0.37	ND		1	0.37	-	-	-	-
Acetone	67-64-1	50	ND		10	2.4	ND		10	2.4	-	-	-	-
Carbon disulfide	75-15-0	60	ND		5	0.28	ND		5	0.28	-	-	-	-
2-Butanone	78-93-3	50	ND		10	1	ND		10	1	-	-	-	-
Vinyl acetate	108-05-4		ND		10	0.41	ND		10	0.41	-	-	-	-
4-Methyl-2-pentanone	108-10-1		ND		10	0.19	ND		10	0.19	-	-	-	-
2-Hexanone	591-78-6	50	ND		10	0.55	ND		10	0.55	-	-	-	-
Acrolein	107-02-8	5	ND		8	1.8	ND		8	1.8	-	-	-	-
Acrylonitrile	107-13-1	5	ND		10	0.33	ND		10	0.33	-	-	-	-
Dibromomethane	74-95-3	5	ND		1	0.23	ND		1	0.23	-	-	-	-
Total VOCs			1.35	-	-	-	-	-	-	-	-	-	-	
DIOXINS & FURANS BY ISOTOPE DILUTION HRMS														
2,3,7,8-TCDD	1746-01-6		ND		0.00000943	0.00000196	ND		0.00001	0.00000208	-	-	-	-
1,2,3,7,8-PeCDD	40321-76-4		ND		0.0000472	0.00000979	ND		0.00005	0.0000104	-	-	-	-

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		SAMPLE ID:	INFLOW-3				OUTFLOW-3				FB20220622			
		LAB ID:	L2232783-01				L2232783-02				L2232783-03			
		COLLECTION DATE:	6/21/2022				6/21/2022				6/21/2022			
		SAMPLE DEPTH:												
		SAMPLE MATRIX:	WATER				WATER				WATER			
		NY-TOGS-GA												
ANALYTE	**CAS**	**(ug/l)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
1,2,3,4,7,8-HxCDD	39227-28-6		ND		0.0000472	0.0000118	ND		0.00005	0.0000125	-	-	-	-
1,2,3,6,7,8-HxCDD	57653-85-7		ND		0.0000472	0.0000147	ND		0.00005	0.0000156	-	-	-	-
1,2,3,7,8,9-HxCDD	19408-74-3		ND		0.0000472	0.0000138	ND		0.00005	0.0000146	-	-	-	-
1,2,3,4,6,7,8-HpCDD	35822-46-9		ND		0.0000472	0.0000137	ND		0.00005	0.0000145	-	-	-	-
OCDD	3268-87-9		ND		0.0000943	0.000024	ND		0.0001	0.0000254	-	-	-	-
2,3,7,8-TCDF	51207-31-9		ND		0.00000943	0.00000289	ND		0.00001	0.00000306	-	-	-	-
1,2,3,7,8-PeCDF	57117-41-6		ND		0.0000472	0.0000066	ND		0.00005	0.000007	-	-	-	-
2,3,4,7,8-PeCDF	57117-31-4		ND		0.0000472	0.00000987	ND		0.00005	0.0000105	-	-	-	-
1,2,3,4,7,8-HxCDF	70648-26-9		ND		0.0000472	0.0000105	ND		0.00005	0.0000111	-	-	-	-
1,2,3,6,7,8-HxCDF	57117-44-9		ND		0.0000472	0.000015	ND		0.00005	0.0000159	-	-	-	-
1,2,3,7,8,9-HxCDF	72918-21-9		ND		0.0000472	0.0000155	ND		0.00005	0.0000165	-	-	-	-
2,3,4,6,7,8-HxCDF	60851-34-5		ND		0.0000472	0.0000149	ND		0.00005	0.0000158	-	-	-	-
1,2,3,4,6,7,8-HpCDF	67562-39-4		ND		0.0000472	0.0000127	ND		0.00005	0.0000134	-	-	-	-
1,2,3,4,7,8,9-HpCDF	55673-89-7		ND		0.0000472	0.000012	ND		0.00005	0.0000127	-	-	-	-
OCDF	39001-02-0		ND		0.0000943	0.0000306	ND		0.0001	0.0000324	-	-	-	-
Total TCDD	41903-57-5		ND		0.00000943	0.00000196	ND		0.00001	0.00000208	-	-	-	-
Total PeCDD	36088-22-9		ND		0.0000472	0.00000979	ND		0.00005	0.0000104	-	-	-	-
Total HxCDD	34465-46-8		ND		0.0000472	0.0000118	ND		0.00005	0.0000125	-	-	-	-
Total HpCDD	37871-00-4		ND		0.0000472	0.0000137	ND		0.00005	0.0000145	-	-	-	-
Total TCDF	55722-27-5		ND		0.00000943	0.00000289	ND		0.00001	0.00000306	-	-	-	-
Total PeCDF	30402-15-4		ND		0.0000472	0.0000066	ND		0.00005	0.000007	-	-	-	-
Total HxCDF	55684-94-1		ND		0.0000472	0.0000105	ND		0.00005	0.0000111	-	-	-	-
Total HpCDF	38998-75-3		ND		0.0000472	0.0000127	ND		0.00005	0.0000134	-	-	-	-
Total PCDD			ND		0.00000943	0.00000196	ND		0.00001	0.00000208	-	-	-	-
Total PCDF			ND		0.00000943	0.00000289	ND		0.00001	0.00000306	-	-	-	-
Toxic Equivalency (TEQ)			ND		2.8E-08	2.8E-08	ND		0.00000003	0.00000003	-	-	-	-
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION														
Perfluorobutanoic Acid (PFBA)	375-22-4		0.00966		0.00175	0.000356	0.00793		0.00184	0.000376	ND		0.0019	0.000387
Perfluoropentanoic Acid (PFPeA)	2706-90-3		0.0144		0.00175	0.000346	0.00452		0.00184	0.000365	ND		0.0019	0.000376
Perfluorobutanesulfonic Acid (PFBS)	375-73-5		0.00811		0.00175	0.000208	ND		0.00184	0.000219	ND		0.0019	0.000226
Perfluorohexanoic Acid (PFHxA)	307-24-4		0.00986		0.00175	0.000286	0.000881	J	0.00184	0.000302	ND		0.0019	0.000311
Perfluoroheptanoic Acid (PFHpA)	375-85-9		0.00736		0.00175	0.000197	0.000258	J	0.00184	0.000207	ND		0.0019	0.000214
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4		0.00629		0.00175	0.000328	ND		0.00184	0.000346	ND		0.0019	0.000357
Perfluorooctanoic Acid (PFOA)	335-67-1		0.0196		0.00175	0.000206	0.000398	JF	0.00184	0.000217	ND		0.0019	0.000224
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2	27619-97-2		ND		0.00175	0.00116	ND		0.00184	0.00123	ND		0.0019	0.00126
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8		ND		0.00175	0.000601	ND		0.00184	0.000634	ND		0.0019	0.000653
Perfluorononanoic Acid (PFNA)	375-95-1		0.00139	J	0.00175	0.000272	ND		0.00184	0.000287	ND		0.0019	0.000296
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1		0.0182		0.00175	0.00044	ND		0.00184	0.000464	ND		0.0019	0.000478
Perfluorodecanoic Acid (PFDA)	335-76-2		0.00029	J	0.00175	0.000265	ND		0.00184	0.00028	ND		0.0019	0.000289
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4		ND		0.00175	0.00106	ND		0.00184	0.00112	ND		0.0019	0.00115
N-Methyl Perfluorooctanesulfonamidoacetic Aci	2355-31-9		ND		0.00175	0.000566	ND		0.00184	0.000597	ND		0.0019	0.000615
Perfluoroundecanoic Acid (PFUnA)	2058-94-8		ND		0.00175	0.000227	ND		0.00184	0.00024	ND		0.0019	0.000247
Perfluorodecanesulfonic Acid (PFDS)	335-77-3		ND		0.00175	0.000856	ND		0.00184	0.000903	ND		0.0019	0.00093
Perfluorooctanesulfonamide (FOSA)	754-91-6		ND		0.00175	0.000506	ND		0.00184	0.000534	ND		0.0019	0.000551
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	2991-50-6		ND		0.00175	0.000702	ND		0.00184	0.000741	ND		0.0019	0.000763
Perfluorododecanoic Acid (PFDoA)	307-55-1		ND		0.00175	0.000325	ND		0.00184	0.000343	ND		0.0019	0.000353
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8		ND		0.00175	0.000286	ND		0.00184	0.000301	ND		0.0019	0.000311
Perfluorotetradecanoic Acid (PFTA)	376-06-7		ND		0.00175	0.000216	ND		0.00184	0.000228	ND		0.0019	0.000235
PFOA/PFOS, Total			0.0378		0.00175	0.000206	0.000398	J	0.00184	0.000217	ND		0.0019	0.000224
SEMIVOLATILE ORGANICS BY GC/MS														
Acenaphthene	83-32-9	20	1.72	J	2	0.407	ND		2	0.407	-	-	-	-

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		LAB ID:	L2232783-01				L2232783-02				L2232783-03			
		COLLECTION DATE:	6/21/2022				6/21/2022				6/21/2022			
		SAMPLE DEPTH:												
		SAMPLE MATRIX:	WATER				WATER				WATER			
		NY-TOGS-GA												
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Benzidine	92-87-5	5	ND		20	12.1	ND		20	12.1	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1	5	ND		5	1.49	ND		5	1.49	-	-	-	-
Hexachlorobenzene	118-74-1	0.04	ND		2	0.952	ND		2	0.952	-	-	-	-
Bis(2-chloroethyl)ether	111-44-4	1	ND		2	0.6	ND		2	0.6	-	-	-	-
2-Chloronaphthalene	91-58-7	10	ND		2	0.319	ND		2	0.319	-	-	-	-
3,3'-Dichlorobenzidine	91-94-1	5	ND		5	0.457	ND		5	0.457	-	-	-	-
2,4-Dinitrotoluene	121-14-2	5	ND		5	0.636	ND		5	0.636	-	-	-	-
2,6-Dinitrotoluene	606-20-2	5	ND		5	0.631	ND		5	0.631	-	-	-	-
Azobenzene	103-33-3	5	ND		2	0.889	ND		2	0.889	-	-	-	-
Fluoranthene	206-44-0	50	ND		2	0.736	ND		2	0.736	-	-	-	-
4-Chlorophenyl phenyl ether	7005-72-3		ND		2	0.371	ND		2	0.371	-	-	-	-
4-Bromophenyl phenyl ether	101-55-3		ND		2	0.447	ND		2	0.447	-	-	-	-
Bis(2-chloroisopropyl)ether	108-60-1	5	ND		2	0.822	ND		2	0.822	-	-	-	-
Bis(2-chloroethoxy)methane	111-91-1	5	ND		5	0.585	ND		5	0.585	-	-	-	-
Hexachlorobutadiene	87-68-3	0.5	ND		2	0.921	ND		2	0.921	-	-	-	-
Hexachlorocyclopentadiene	77-47-4	5	ND		10	1.36	ND		10	1.36	-	-	-	-
Hexachloroethane	67-72-1	5	ND		2	0.973	ND		2	0.973	-	-	-	-
Isophorone	78-59-1	50	ND		5	0.546	ND		5	0.546	-	-	-	-
Naphthalene	91-20-3	10	4.33		2	0.896	ND		2	0.896	-	-	-	-
Nitrobenzene	98-95-3	0.4	ND		2	0.788	ND		2	0.788	-	-	-	-
NDPA/DPA	86-30-6	50	ND		2	0.783	ND		2	0.783	-	-	-	-
n-Nitrosodi-n-propylamine	621-64-7		ND		5	0.63	ND		5	0.63	-	-	-	-
Bis(2-ethylhexyl)phthalate	117-81-7	5	ND		2.2	1.7	ND		2.2	1.7	-	-	-	-
Butyl benzyl phthalate	85-68-7	50	ND		5	0.67	ND		5	0.67	-	-	-	-
Di-n-butylphthalate	84-74-2	50	ND		5	0.631	ND		5	0.631	-	-	-	-
Di-n-octylphthalate	117-84-0	50	ND		5	0.633	ND		5	0.633	-	-	-	-
Diethyl phthalate	84-66-2	50	ND		5	0.717	ND		5	0.717	-	-	-	-
Dimethyl phthalate	131-11-3	50	ND		5	1.4	ND		5	1.4	-	-	-	-
Benzo(a)anthracene	56-55-3	0.002	ND		2	0.665	ND		2	0.665	-	-	-	-
Benzo(a)pyrene	50-32-8	0	ND		2	0.61	ND		2	0.61	-	-	-	-
Benzo(b)fluoranthene	205-99-2	0.002	ND		2	0.741	ND		2	0.741	-	-	-	-
Benzo(k)fluoranthene	207-08-9	0.002	ND		2	0.739	ND		2	0.739	-	-	-	-
Chrysene	218-01-9	0.002	ND		2	0.668	ND		2	0.668	-	-	-	-
Acenaphthylene	208-96-8		ND		2	0.93	ND		2	0.93	-	-	-	-
Anthracene	120-12-7	50	ND		2	0.791	ND		2	0.791	-	-	-	-
Benzo(ghi)perylene	191-24-2		ND		2	0.672	ND		2	0.672	-	-	-	-
Fluorene	86-73-7	50	ND		2	0.927	ND		2	0.927	-	-	-	-
Phenanthrene	85-01-8	50	ND		2	0.818	ND		2	0.818	-	-	-	-
Dibenzo(a,h)anthracene	53-70-3		ND		2	0.687	ND		2	0.687	-	-	-	-
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	ND		2	0.633	ND		2	0.633	-	-	-	-
Pyrene	129-00-0	50	ND		2	0.728	ND		2	0.728	-	-	-	-
4-Chloroaniline	106-47-8	5	ND		5	0.79	ND		5	0.79	-	-	-	-
Dibenzofuran	132-64-9		ND		2	0.373	ND		2	0.373	-	-	-	-
2-Methylnaphthalene	91-57-6		ND		2	0.351	ND		2	0.351	-	-	-	-
n-Nitrosodimethylamine	62-75-9		ND		2	0.407	ND		2	0.407	-	-	-	-
2,4,6-Trichlorophenol	88-06-2		ND		5	0.607	ND		5	0.607	-	-	-	-
p-Chloro-m-cresol	59-50-7		ND		2	0.533	ND		2	0.533	-	-	-	-
2-Chlorophenol	95-57-8		ND		2	0.513	ND		2	0.513	-	-	-	-
2,4-Dichlorophenol	120-83-2	2	ND		5	0.554	ND		5	0.554	-	-	-	-
2,4-Dimethylphenol	105-67-9	2	ND		5	0.851	ND		5	0.851	-	-	-	-
2-Nitrophenol	88-75-5		ND		5	0.604	ND		5	0.604	-	-	-	-

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		SAMPLE ID:	INFLOW-3				OUTFLOW-3				FB20220622			
		LAB ID:	L2232783-01				L2232783-02				L2232783-03			
		COLLECTION DATE:	6/21/2022				6/21/2022				6/21/2022			
		SAMPLE DEPTH:												
		SAMPLE MATRIX:	WATER				WATER				WATER			
		NY-TOGS-GA												
ANALYTE	**CAS**	**(ug/l)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
4-Nitrophenol	100-02-7		ND		10	0.834	ND		10	0.834	-	-	-	-
2,4-Dinitrophenol	51-28-5	2	ND		20	1.21	ND		20	1.21	-	-	-	-
4,6-Dinitro-o-cresol	534-52-1		ND		10	1.2	ND		10	1.2	-	-	-	-
Pentachlorophenol	87-86-5	2	ND		5	0.622	ND		5	0.622	-	-	-	-
Phenol	108-95-2	2	ND		5	0.262	ND		5	0.262	-	-	-	-
2-Methylphenol	95-48-7		0.807	J	5	0.773	ND		5	0.773	-	-	-	-
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5		ND		5	0.511	ND		5	0.511	-	-	-	-
2,4,5-Trichlorophenol	95-95-4		ND		5	0.637	ND		5	0.637	-	-	-	-
Benzoic Acid	65-85-0		ND		50	1.17	ND		50	1.17	-	-	-	-
Benzyl Alcohol	100-51-6		ND		2	0.49	ND		2	0.49	-	-	-	-
Total SVOCs			6.857	-	-	-	-	-	-	-	-	-	-	
ORGANOCHLORINE PESTICIDES BY GC														
Delta-BHC	319-86-8	0.04	ND		0.02	0.005	ND		0.02	0.005	-	-	-	-
Lindane	58-89-9	0.05	ND		0.02	0.003	ND		0.02	0.003	-	-	-	-
Alpha-BHC	319-84-6	0.01	ND		0.02	0.004	ND		0.02	0.004	-	-	-	-
Beta-BHC	319-85-7	0.04	ND		0.02	0.009	ND		0.02	0.009	-	-	-	-
Heptachlor	76-44-8	0.04	ND		0.02	0.005	ND		0.02	0.005	-	-	-	-
Aldrin	309-00-2	0	ND		0.02	0.005	ND		0.02	0.005	-	-	-	-
Heptachlor epoxide	1024-57-3	0.03	ND		0.02	0.007	ND		0.02	0.007	-	-	-	-
Endrin	72-20-8	0	ND		0.04	0.004	ND		0.04	0.004	-	-	-	-
Endrin aldehyde	7421-93-4	5	ND		0.04	0.017	ND		0.04	0.017	-	-	-	-
Endrin ketone	53494-70-5	5	ND		0.04	0.005	ND		0.04	0.005	-	-	-	-
Dieldrin	60-57-1	0.004	ND		0.04	0.003	ND		0.04	0.003	-	-	-	-
4,4'-DDE	72-55-9	0.2	ND		0.04	0.003	ND		0.04	0.003	-	-	-	-
4,4'-DDD	72-54-8	0.3	ND		0.04	0.008	ND		0.04	0.008	-	-	-	-
4,4'-DDT	50-29-3	0.2	ND		0.04	0.008	ND		0.04	0.008	-	-	-	-
Endosulfan I	959-98-8		ND		0.02	0.008	ND		0.02	0.008	-	-	-	-
Endosulfan II	33213-65-9		ND		0.04	0.003	ND		0.04	0.003	-	-	-	-
Endosulfan sulfate	1031-07-8		ND		0.04	0.017	ND		0.04	0.017	-	-	-	-
Methoxychlor	72-43-5	35	ND		0.1	0.008	ND		0.1	0.008	-	-	-	-
Toxaphene	8001-35-2	0.06	ND		0.4	0.126	ND		0.4	0.126	-	-	-	-
Chlordane	57-74-9	0.05	ND		0.2	0.042	ND		0.2	0.042	-	-	-	-
cis-Chlordane	5103-71-9		ND		0.02	0.005	ND		0.02	0.005	-	-	-	-
trans-Chlordane	5103-74-2		ND		0.02	0.008	ND		0.02	0.008	-	-	-	-
POLYCHLORINATED BIPHENYLS BY GC														
Aroclor 1016	12674-11-2	0.09	ND		0.25	0.016	ND		0.25	0.016	-	-	-	-
Aroclor 1221	11104-28-2	0.09	ND		0.25	0.022	ND		0.25	0.022	-	-	-	-
Aroclor 1232	11141-16-5	0.09	ND		0.25	0.046	ND		0.25	0.046	-	-	-	-
Aroclor 1242	53469-21-9	0.09	ND		0.25	0.036	ND		0.25	0.036	-	-	-	-
Aroclor 1248	12672-29-6	0.09	ND		0.25	0.046	ND		0.25	0.046	-	-	-	-
Aroclor 1254	11097-69-1	0.09	ND		0.25	0.017	ND		0.25	0.017	-	-	-	-
Aroclor 1260	11096-82-5	0.09	ND		0.2	0.034	ND		0.2	0.034	-	-	-	-
TOTAL METALS														
Arsenic, Total	7440-38-2	50	ND		5	2	ND		5	2	-	-	-	-
Barium, Total	7440-39-3	2000	417		10	2	461		10	2	-	-	-	-
Cadmium, Total	7440-43-9	10	ND		5	1	ND		5	1	-	-	-	-
Chromium, Total	7440-47-3	100	ND		10	2	3	J	10	2	-	-	-	-
Lead, Total	7439-92-1	50	ND		10	3	ND		10	3	-	-	-	-
Mercury, Total	7439-97-6	1.4	ND		0.2	0.09	ND		0.2	0.09	-	-	-	-
Selenium, Total	7782-49-2	20	ND		10	4	ND		10	4	-	-	-	-
Silver, Total	7440-22-4	100	ND		7	3	ND		7	3	-	-	-	-

		SAMPLE ID:	INFLOW-3				OUTFLOW-3				FB20220622			
		LAB ID:	L2232783-01				L2232783-02				L2232783-03			
		COLLECTION DATE:	6/21/2022				6/21/2022				6/21/2022			
		SAMPLE DEPTH:												
		SAMPLE MATRIX:	WATER				WATER				WATER			
		NY-TOGS-GA												
ANALYTE	**CAS**	**(ug/l)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
GENERAL CHEMISTRY														
pH (H)	12408-02-5		7.9		0	NA	7.9		0	NA	-	-	-	-
Oil & Grease, Hem-Grav	NONE		ND		4000	4000	ND		4000	4000	-	-	-	-
Chromium, Hexavalent	18540-29-9	100	ND		10	3	ND		10	3	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.

NY-TOGS-GA: NY - New York TOGS 111 Groundwater Effluent Limitations criteria reflects all addendum to criteria through June 2004.

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

ANALYTICAL REPORT

Lab Number:	L2221307
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Monica Norton
Phone:	(973) 808-9050
Project Name:	85 N. LEXINGTON AVE.
Project Number:	11814
Report Date:	05/16/22

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).

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

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814

Lab Number: L2221307
Report Date: 05/16/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2221307-01	INFLOW-1	WATER	WHITE PLAINS, NY	04/25/22 07:10	04/25/22
L2221307-02	OUTFLOW-1	WATER	WHITE PLAINS, NY	04/25/22 07:45	04/25/22
L2221307-03	FB-1 20220425	WATER	WHITE PLAINS, NY	04/25/22 08:30	04/25/22

Project Name:	85 N. LEXINGTON AVE.	**Lab Number:**	L2221307
Project Number:	11814	**Report Date:**	05/16/22

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: 85 N. LEXINGTON AVE. **Lab Number:** L2221307
Project Number: 11814 **Report Date:** 05/16/22

Case Narrative (continued)

Report Submission

May 16, 2022: This final report includes the results of all requested analyses.

May 09, 2022: 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

L2221307-02: The MeOH fraction of the extraction is reported for perfluorooctanesulfonamide (fosa) due to better extraction efficiency of the perfluoro[13c8]octanesulfonamide (m8fosa) Extracted Internal Standard.

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: 05/16/22

ORGANICS

VOLATILES

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2221307
Project Number: 11814
Report Date: 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-01
Client ID: INFLOW-1
Sample Location: WHITE PLAINS, NY
Date Collected: 04/25/22 07:10
Date Received: 04/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 04/26/22 16:09
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	0.71	J	ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	11		ug/l	1.0	0.38	1
Toluene	17		ug/l	1.0	0.31	1
Ethylbenzene	4.7		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2221307

Project Number: 11814 **Report Date:** 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-01 Date Collected: 04/25/22 07:10

Client ID: INFLOW-1 Date Received: 04/25/22

Sample Location: WHITE PLAINS, 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	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	3.4		ug/l	2.0	0.30	1
o-xylene	14		ug/l	1.0	0.34	1
Xylenes, Total	17		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	96		60-140
Fluorobenzene	94		60-140
4-Bromofluorobenzene	100		60-140

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2221307
Project Number: 11814
Report Date: 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-02
Client ID: OUTFLOW-1
Sample Location: WHITE PLAINS, NY
Date Collected: 04/25/22 07:45
Date Received: 04/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 04/26/22 16:44
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2221307

Project Number: 11814 **Report Date:** 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-02 Date Collected: 04/25/22 07:45

Client ID: OUTFLOW-1 Date Received: 04/25/22

Sample Location: WHITE PLAINS, 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	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	4.3	J	ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	95		60-140
Fluorobenzene	95		60-140
4-Bromofluorobenzene	103		60-140

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2221307

Project Number: 11814 **Report Date:** 05/16/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 04/26/22 10:19
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1631134-4					
Methylene chloride	ND		ug/l	1.0	0.56
1,1-Dichloroethane	ND		ug/l	1.5	0.40
Chloroform	ND		ug/l	1.0	0.38
Carbon tetrachloride	ND		ug/l	1.0	0.24
1,2-Dichloropropane	ND		ug/l	3.5	0.46
Dibromochloromethane	ND		ug/l	1.0	0.27
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34
2-Chloroethylvinyl ether	ND		ug/l	10	0.35
Tetrachloroethene	ND		ug/l	1.0	0.26
Chlorobenzene	ND		ug/l	3.5	0.30
Trichlorofluoromethane	ND		ug/l	5.0	0.28
1,2-Dichloroethane	ND		ug/l	1.5	0.47
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29
Bromodichloromethane	ND		ug/l	1.0	0.28
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34
Bromoform	ND		ug/l	1.0	0.22
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20
Benzene	ND		ug/l	1.0	0.38
Toluene	ND		ug/l	1.0	0.31
Ethylbenzene	ND		ug/l	1.0	0.28
Chloromethane	ND		ug/l	5.0	1.0
Bromomethane	1.3	J	ug/l	5.0	1.2
Vinyl chloride	ND		ug/l	1.0	0.38
Chloroethane	ND		ug/l	2.0	0.37
1,1-Dichloroethene	ND		ug/l	1.0	0.31
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17
Trichloroethene	ND		ug/l	1.0	0.33

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2221307

Project Number: 11814 **Report Date:** 05/16/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 04/26/22 10:19
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1631134-4					
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29
p/m-Xylene	ND		ug/l	2.0	0.30
o-xylene	ND		ug/l	1.0	0.34
Xylenes, Total	ND		ug/l	1.0	0.30
Styrene	ND		ug/l	1.0	0.37
Acetone	ND		ug/l	10	2.4
Carbon disulfide	ND		ug/l	5.0	0.28
2-Butanone	ND		ug/l	10	1.0
Vinyl acetate	ND		ug/l	10	0.41
4-Methyl-2-pentanone	ND		ug/l	10	0.19
2-Hexanone	ND		ug/l	10	0.55
Acrolein	ND		ug/l	8.0	1.8
Acrylonitrile	ND		ug/l	10	0.33
Dibromomethane	ND		ug/l	1.0	0.23

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	93		60-140
Fluorobenzene	92		60-140
4-Bromofluorobenzene	101		60-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2221307

Report Date: 05/16/22

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 Batch: WG1631134-3								
Methylene chloride	100		-		60-140	-		28
1,1-Dichloroethane	105		-		50-150	-		49
Chloroform	110		-		70-135	-		54
Carbon tetrachloride	125		-		70-130	-		41
1,2-Dichloropropane	100		-		35-165	-		55
Dibromochloromethane	105		-		70-135	-		50
1,1,2-Trichloroethane	105		-		70-130	-		45
2-Chloroethylvinyl ether	100		-		1-225	-		71
Tetrachloroethene	120		-		70-130	-		39
Chlorobenzene	110		-		65-135	-		53
Trichlorofluoromethane	115		-		50-150	-		84
1,2-Dichloroethane	95		-		70-130	-		49
1,1,1-Trichloroethane	115		-		70-130	-		36
Bromodichloromethane	105		-		65-135	-		56
trans-1,3-Dichloropropene	100		-		50-150	-		86
cis-1,3-Dichloropropene	105		-		25-175	-		58
Bromoform	115		-		70-130	-		42
1,1,2,2-Tetrachloroethane	105		-		60-140	-		61
Benzene	105		-		65-135	-		61
Toluene	110		-		70-130	-		41
Ethylbenzene	120		-		60-140	-		63
Chloromethane	115		-		1-205	-		60
Bromomethane	70		-		15-185	-		61

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2221307

Report Date: 05/16/22

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 Batch: WG1631134-3								
Vinyl chloride	125		-		5-195	-		66
Chloroethane	125		-		40-160	-		78
1,1-Dichloroethene	110		-		50-150	-		32
trans-1,2-Dichloroethene	105		-		70-130	-		45
cis-1,2-Dichloroethene	100		-		60-140	-		30
Trichloroethene	105		-		65-135	-		48
1,2-Dichlorobenzene	110		-		65-135	-		57
1,3-Dichlorobenzene	100		-		70-130	-		43
1,4-Dichlorobenzene	105		-		65-135	-		57
p/m-Xylene	115		-		60-140	-		30
o-xylene	105		-		60-140	-		30
Styrene	110		-		60-140	-		30
Acetone	82		-		40-160	-		30
Carbon disulfide	100		-		60-140	-		30
2-Butanone	92		-		60-140	-		30
Vinyl acetate	122		-		60-140	-		30
4-Methyl-2-pentanone	104		-		60-140	-		30
2-Hexanone	94		-		60-140	-		30
Acrolein	110		-		60-140	-		30
Acrylonitrile	95		-		60-140	-		60
Dibromomethane	80		-		70-130	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2221307

Report Date: 05/16/22

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 Batch: WG1631134-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	102				60-140
Fluorobenzene	99				60-140
4-Bromofluorobenzene	100				60-140

SEMIVOLATILES

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2221307
Project Number: 11814
Report Date: 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-01
Client ID: INFLOW-1
Sample Location: WHITE PLAINS, NY

Date Collected: 04/25/22 07:10
Date Received: 04/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 129,625.1
Analytical Date: 04/28/22 20:01
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 04/28/22 00:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	10.1		ug/l	2.00	0.407	1
Benzidine[1]	ND		ug/l	20.0	12.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.00	1.49	1
Hexachlorobenzene	ND		ug/l	2.00	0.952	1
Bis(2-chloroethyl)ether	ND		ug/l	2.00	0.600	1
2-Chloronaphthalene	ND		ug/l	2.00	0.319	1
3,3'-Dichlorobenzidine	ND		ug/l	5.00	0.457	1
2,4-Dinitrotoluene	ND		ug/l	5.00	0.636	1
2,6-Dinitrotoluene	ND		ug/l	5.00	0.631	1
Azobenzene[1]	ND		ug/l	2.00	0.889	1
Fluoranthene	ND		ug/l	2.00	0.736	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.00	0.371	1
4-Bromophenyl phenyl ether	ND		ug/l	2.00	0.447	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.00	0.822	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.00	0.585	1
Hexachlorobutadiene	ND		ug/l	2.00	0.921	1
Hexachlorocyclopentadiene[1]	ND		ug/l	10.0	1.36	1
Hexachloroethane	ND		ug/l	2.00	0.973	1
Isophorone	ND		ug/l	5.00	0.546	1
Naphthalene	93.6		ug/l	2.00	0.896	1
Nitrobenzene	ND		ug/l	2.00	0.788	1
NDPA/DPA[1]	ND		ug/l	2.00	0.783	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.00	0.630	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.20	1.70	1
Butyl benzyl phthalate	ND		ug/l	5.00	0.670	1
Di-n-butylphthalate	ND		ug/l	5.00	0.631	1
Di-n-octylphthalate	ND		ug/l	5.00	0.633	1
Diethyl phthalate	ND		ug/l	5.00	0.717	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2221307

Project Number: 11814 **Report Date:** 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-01 Date Collected: 04/25/22 07:10

Client ID: INFLOW-1 Date Received: 04/25/22

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/l	5.00	1.40	1
Benzo(a)anthracene	ND		ug/l	2.00	0.665	1
Benzo(a)pyrene	ND		ug/l	2.00	0.610	1
Benzo(b)fluoranthene	ND		ug/l	2.00	0.741	1
Benzo(k)fluoranthene	ND		ug/l	2.00	0.739	1
Chrysene	ND		ug/l	2.00	0.668	1
Acenaphthylene	5.66		ug/l	2.00	0.930	1
Anthracene	ND		ug/l	2.00	0.791	1
Benzo(ghi)perylene	ND		ug/l	2.00	0.672	1
Fluorene	ND		ug/l	2.00	0.927	1
Phenanthrene	1.54	J	ug/l	2.00	0.818	1
Dibenzo(a,h)anthracene	ND		ug/l	2.00	0.687	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.00	0.633	1
Pyrene	ND		ug/l	2.00	0.728	1
4-Chloroaniline[1]	ND		ug/l	5.00	0.790	1
Dibenzofuran[1]	ND		ug/l	2.00	0.373	1
2-Methylnaphthalene[1]	3.59		ug/l	2.00	0.351	1
n-Nitrosodimethylamine[1]	ND		ug/l	2.00	0.407	1
2,4,6-Trichlorophenol	ND		ug/l	5.00	0.607	1
p-Chloro-m-cresol[1]	ND		ug/l	2.00	0.533	1
2-Chlorophenol	ND		ug/l	2.00	0.513	1
2,4-Dichlorophenol	ND		ug/l	5.00	0.554	1
2,4-Dimethylphenol	ND		ug/l	5.00	0.851	1
2-Nitrophenol	ND		ug/l	5.00	0.604	1
4-Nitrophenol	ND		ug/l	10.0	0.834	1
2,4-Dinitrophenol	ND		ug/l	20.0	1.21	1
4,6-Dinitro-o-cresol	ND		ug/l	10.0	1.20	1
Pentachlorophenol	ND		ug/l	5.00	0.622	1
Phenol	ND		ug/l	5.00	0.262	1
2-Methylphenol[1]	ND		ug/l	5.00	0.773	1
3-Methylphenol/4-Methylphenol[1]	ND		ug/l	5.00	0.511	1
2,4,5-Trichlorophenol[1]	ND		ug/l	5.00	0.637	1
Benzoic Acid[1]	ND		ug/l	50.0	1.17	1
Benzyl Alcohol[1]	ND		ug/l	2.00	0.490	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2221307

Project Number: 11814 **Report Date:** 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-01 Date Collected: 04/25/22 07:10

Client ID: INFLOW-1 Date Received: 04/25/22

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-87
Phenol-d6	35		16-65
Nitrobenzene-d5	79		42-122
2-Fluorobiphenyl	89		46-121
2,4,6-Tribromophenol	98		45-128
4-Terphenyl-d14	94		47-138

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2221307
Project Number: 11814
Report Date: 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-01
Client ID: INFLOW-1
Sample Location: WHITE PLAINS, NY

Date Collected: 04/25/22 07:10
Date Received: 04/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/05/22 14:55
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 05/04/22 09:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	10.9		ng/l	1.83	0.373	1
Perfluoropentanoic Acid (PFPeA)	15.2		ng/l	1.83	0.362	1
Perfluorobutanesulfonic Acid (PFBS)	10.7		ng/l	1.83	0.218	1
Perfluorohexanoic Acid (PFHxA)	12.9		ng/l	1.83	0.300	1
Perfluoroheptanoic Acid (PFHpA)	8.34		ng/l	1.83	0.206	1
Perfluorohexanesulfonic Acid (PFHxS)	7.88		ng/l	1.83	0.344	1
Perfluorooctanoic Acid (PFOA)	20.6		ng/l	1.83	0.216	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.83	1.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.83	0.629	1
Perfluorononanoic Acid (PFNA)	1.48	J	ng/l	1.83	0.285	1
Perfluorooctanesulfonic Acid (PFOS)	17.1		ng/l	1.83	0.461	1
Perfluorodecanoic Acid (PFDA)	0.804	JF	ng/l	1.83	0.278	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.83	1.11	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.83	0.592	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.83	0.238	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.83	0.896	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.83	0.530	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.83	0.735	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.83	0.340	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.83	0.299	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.83	0.227	1
PFOA/PFOS, Total	37.7		ng/l	1.83	0.216	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2221307

Project Number: 11814 **Report Date:** 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-01 Date Collected: 04/25/22 07:10

Client ID: INFLOW-1 Date Received: 04/25/22

Sample Location: WHITE PLAINS, 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		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	106		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	89		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	114		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	71		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	76		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	80		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	40		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	52		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	66		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	16		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	49		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	57		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	74		22-136

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2221307
Project Number: 11814
Report Date: 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-02
Client ID: OUTFLOW-1
Sample Location: WHITE PLAINS, NY

Date Collected: 04/25/22 07:45
Date Received: 04/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 129,625.1
Analytical Date: 04/28/22 18:54
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 04/28/22 00:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.00	0.407	1
Benzidine[1]	ND		ug/l	20.0	12.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.00	1.49	1
Hexachlorobenzene	ND		ug/l	2.00	0.952	1
Bis(2-chloroethyl)ether	ND		ug/l	2.00	0.600	1
2-Chloronaphthalene	ND		ug/l	2.00	0.319	1
3,3'-Dichlorobenzidine	ND		ug/l	5.00	0.457	1
2,4-Dinitrotoluene	ND		ug/l	5.00	0.636	1
2,6-Dinitrotoluene	ND		ug/l	5.00	0.631	1
Azobenzene[1]	ND		ug/l	2.00	0.889	1
Fluoranthene	ND		ug/l	2.00	0.736	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.00	0.371	1
4-Bromophenyl phenyl ether	ND		ug/l	2.00	0.447	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.00	0.822	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.00	0.585	1
Hexachlorobutadiene	ND		ug/l	2.00	0.921	1
Hexachlorocyclopentadiene[1]	ND		ug/l	10.0	1.36	1
Hexachloroethane	ND		ug/l	2.00	0.973	1
Isophorone	ND		ug/l	5.00	0.546	1
Naphthalene	ND		ug/l	2.00	0.896	1
Nitrobenzene	ND		ug/l	2.00	0.788	1
NDPA/DPA[1]	ND		ug/l	2.00	0.783	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.00	0.630	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.20	1.70	1
Butyl benzyl phthalate	ND		ug/l	5.00	0.670	1
Di-n-butylphthalate	ND		ug/l	5.00	0.631	1
Di-n-octylphthalate	ND		ug/l	5.00	0.633	1
Diethyl phthalate	ND		ug/l	5.00	0.717	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2221307

Project Number: 11814 **Report Date:** 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-02 Date Collected: 04/25/22 07:45

Client ID: OUTFLOW-1 Date Received: 04/25/22

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/l	5.00	1.40	1
Benzo(a)anthracene	ND		ug/l	2.00	0.665	1
Benzo(a)pyrene	ND		ug/l	2.00	0.610	1
Benzo(b)fluoranthene	ND		ug/l	2.00	0.741	1
Benzo(k)fluoranthene	ND		ug/l	2.00	0.739	1
Chrysene	ND		ug/l	2.00	0.668	1
Acenaphthylene	ND		ug/l	2.00	0.930	1
Anthracene	ND		ug/l	2.00	0.791	1
Benzo(ghi)perylene	ND		ug/l	2.00	0.672	1
Fluorene	ND		ug/l	2.00	0.927	1
Phenanthrene	ND		ug/l	2.00	0.818	1
Dibenzo(a,h)anthracene	ND		ug/l	2.00	0.687	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.00	0.633	1
Pyrene	ND		ug/l	2.00	0.728	1
4-Chloroaniline[1]	ND		ug/l	5.00	0.790	1
Dibenzofuran[1]	ND		ug/l	2.00	0.373	1
2-Methylnaphthalene[1]	ND		ug/l	2.00	0.351	1
n-Nitrosodimethylamine[1]	ND		ug/l	2.00	0.407	1
2,4,6-Trichlorophenol	ND		ug/l	5.00	0.607	1
p-Chloro-m-cresol[1]	ND		ug/l	2.00	0.533	1
2-Chlorophenol	ND		ug/l	2.00	0.513	1
2,4-Dichlorophenol	ND		ug/l	5.00	0.554	1
2,4-Dimethylphenol	ND		ug/l	5.00	0.851	1
2-Nitrophenol	ND		ug/l	5.00	0.604	1
4-Nitrophenol	ND		ug/l	10.0	0.834	1
2,4-Dinitrophenol	ND		ug/l	20.0	1.21	1
4,6-Dinitro-o-cresol	ND		ug/l	10.0	1.20	1
Pentachlorophenol	ND		ug/l	5.00	0.622	1
Phenol	ND		ug/l	5.00	0.262	1
2-Methylphenol[1]	ND		ug/l	5.00	0.773	1
3-Methylphenol/4-Methylphenol[1]	ND		ug/l	5.00	0.511	1
2,4,5-Trichlorophenol[1]	ND		ug/l	5.00	0.637	1
Benzoic Acid[1]	ND		ug/l	50.0	1.17	1
Benzyl Alcohol[1]	ND		ug/l	2.00	0.490	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2221307

Project Number: 11814 **Report Date:** 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-02 Date Collected: 04/25/22 07:45

Client ID: OUTFLOW-1 Date Received: 04/25/22

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		25-87
Phenol-d6	34		16-65
Nitrobenzene-d5	72		42-122
2-Fluorobiphenyl	86		46-121
2,4,6-Tribromophenol	94		45-128
4-Terphenyl-d14	88		47-138

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2221307
Project Number: 11814
Report Date: 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-02
Client ID: OUTFLOW-1
Sample Location: WHITE PLAINS, NY

Date Collected: 04/25/22 07:45
Date Received: 04/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/05/22 15:11
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 05/04/22 09:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	2.53		ng/l	1.77	0.362	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.77	0.351	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.77	0.211	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.77	0.291	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.77	0.200	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.77	0.333	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.77	0.209	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.77	1.18	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.77	0.610	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.77	0.276	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.77	0.447	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.77	0.269	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.77	1.07	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.77	0.574	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.77	0.230	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.77	0.869	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.77	0.713	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.77	0.330	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.77	0.290	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.77	0.220	1
PFOA/PFOS, Total	ND		ng/l	1.77	0.209	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2221307

Project Number: 11814 **Report Date:** 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-02 Date Collected: 04/25/22 07:45

Client ID: OUTFLOW-1 Date Received: 04/25/22

Sample Location: WHITE PLAINS, 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)	77		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	98		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	102		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	92		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	87		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	107		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	42		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	83		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	38		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	61		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	84		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	62		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	81		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	95		22-136

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2221307
Project Number: 11814
Report Date: 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-02
Client ID: OUTFLOW-1
Sample Location: WHITE PLAINS, NY

Date Collected: 04/25/22 07:45
Date Received: 04/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/10/22 18:29
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 05/04/22 09:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.77	0.514	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	71		10-112

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2221307
Project Number: 11814
Report Date: 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-03
Client ID: FB-1 20220425
Sample Location: WHITE PLAINS, NY

Date Collected: 04/25/22 08:30
Date Received: 04/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/05/22 15:28
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 05/04/22 09:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.24	0.458	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.24	0.444	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.24	0.267	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.24	0.368	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.24	0.253	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.24	0.422	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.24	0.265	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.24	1.49	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.24	0.772	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.24	0.350	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.24	0.565	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.24	0.341	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.24	1.36	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.24	0.727	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.24	0.292	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.24	1.10	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.24	0.650	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.24	0.902	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.24	0.417	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.24	0.367	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.24	0.278	1
PFOA/PFOS, Total	ND		ng/l	2.24	0.265	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2221307

Project Number: 11814 **Report Date:** 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-03 Date Collected: 04/25/22 08:30

Client ID: FB-1 20220425 Date Received: 04/25/22

Sample Location: WHITE PLAINS, 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)	93		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	116		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	96		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	91		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	44		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	97		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	103		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	44		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	70		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	82		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	46		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	72		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	83		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	103		22-136

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2221307

Project Number: 11814 **Report Date:** 05/16/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 04/28/22 15:42
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 04/27/22 14:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1632624-1					
Acenaphthene	ND		ug/l	2.00	0.407
Benzidine[1]	ND		ug/l	20.0	12.1
1,2,4-Trichlorobenzene	ND		ug/l	5.00	1.49
Hexachlorobenzene	ND		ug/l	2.00	0.952
Bis(2-chloroethyl)ether	ND		ug/l	2.00	0.600
2-Chloronaphthalene	ND		ug/l	2.00	0.319
3,3'-Dichlorobenzidine	ND		ug/l	5.00	0.457
2,4-Dinitrotoluene	ND		ug/l	5.00	0.636
2,6-Dinitrotoluene	ND		ug/l	5.00	0.631
Azobenzene[1]	ND		ug/l	2.00	0.889
Fluoranthene	ND		ug/l	2.00	0.736
4-Chlorophenyl phenyl ether	ND		ug/l	2.00	0.371
4-Bromophenyl phenyl ether	ND		ug/l	2.00	0.447
Bis(2-chloroisopropyl)ether	ND		ug/l	2.00	0.822
Bis(2-chloroethoxy)methane	ND		ug/l	5.00	0.585
Hexachlorobutadiene	ND		ug/l	2.00	0.921
Hexachlorocyclopentadiene[1]	ND		ug/l	10.0	1.36
Hexachloroethane	ND		ug/l	2.00	0.973
Isophorone	ND		ug/l	5.00	0.546
Naphthalene	ND		ug/l	2.00	0.896
Nitrobenzene	ND		ug/l	2.00	0.788
NDPA/DPA[1]	ND		ug/l	2.00	0.783
n-Nitrosodi-n-propylamine	ND		ug/l	5.00	0.630
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.20	1.70
Butyl benzyl phthalate	ND		ug/l	5.00	0.670
Di-n-butylphthalate	ND		ug/l	5.00	0.631
Di-n-octylphthalate	ND		ug/l	5.00	0.633
Diethyl phthalate	ND		ug/l	5.00	0.717
Dimethyl phthalate	ND		ug/l	5.00	1.40

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2221307
Report Date: 05/16/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 04/28/22 15:42
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 04/27/22 14:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1632624-1					
Benzo(a)anthracene	ND		ug/l	2.00	0.665
Benzo(a)pyrene	ND		ug/l	2.00	0.610
Benzo(b)fluoranthene	ND		ug/l	2.00	0.741
Benzo(k)fluoranthene	ND		ug/l	2.00	0.739
Chrysene	ND		ug/l	2.00	0.668
Acenaphthylene	ND		ug/l	2.00	0.930
Anthracene	ND		ug/l	2.00	0.791
Benzo(ghi)perylene	ND		ug/l	2.00	0.672
Fluorene	ND		ug/l	2.00	0.927
Phenanthrene	ND		ug/l	2.00	0.818
Dibenzo(a,h)anthracene	ND		ug/l	2.00	0.687
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.00	0.633
Pyrene	ND		ug/l	2.00	0.728
4-Chloroaniline[1]	ND		ug/l	5.00	0.790
Dibenzofuran[1]	ND		ug/l	2.00	0.373
2-Methylnaphthalene[1]	ND		ug/l	2.00	0.351
n-Nitrosodimethylamine[1]	ND		ug/l	2.00	0.407
2,4,6-Trichlorophenol	ND		ug/l	5.00	0.607
p-Chloro-m-cresol[1]	ND		ug/l	2.00	0.533
2-Chlorophenol	ND		ug/l	2.00	0.513
2,4-Dichlorophenol	ND		ug/l	5.00	0.554
2,4-Dimethylphenol	ND		ug/l	5.00	0.851
2-Nitrophenol	ND		ug/l	5.00	0.604
4-Nitrophenol	ND		ug/l	10.0	0.834
2,4-Dinitrophenol	ND		ug/l	20.0	1.21
4,6-Dinitro-o-cresol	ND		ug/l	10.0	1.20
Pentachlorophenol	ND		ug/l	5.00	0.622
Phenol	ND		ug/l	5.00	0.262
2-Methylphenol[1]	ND		ug/l	5.00	0.773

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2221307
Report Date: 05/16/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 04/28/22 15:42
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 04/27/22 14:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1632624-1					
3-Methylphenol/4-Methylphenol[1]	ND		ug/l	5.00	0.511
2,4,5-Trichlorophenol[1]	ND		ug/l	5.00	0.637
Benzoic Acid[1]	ND		ug/l	50.0	1.17
Benzyl Alcohol[1]	ND		ug/l	2.00	0.490

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		25-87
Phenol-d6	24		16-65
Nitrobenzene-d5	44		42-122
2-Fluorobiphenyl	46		46-121
2,4,6-Tribromophenol	48		45-128
4-Terphenyl-d14	47		47-138

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2221307

Project Number: 11814 **Report Date:** 05/16/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/05/22 09:56
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 05/04/22 09:45

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1634135-1					
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)	ND		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)	0.500	J	ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2221307

Project Number: 11814 **Report Date:** 05/16/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/05/22 09:56
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 05/04/22 09:45

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1634135-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	93		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	111		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	89		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	91		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	92		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	96		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	74		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	93		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	90		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	84		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	78		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	91		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	51		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	79		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	90		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	84		22-136

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2221307
Report Date: 05/16/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 05/06/22 14:02
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 05/04/22 09:45

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1634135-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	76		10-112

Lab Control Sample Analysis
Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2221307
Report Date: 05/16/22

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 Batch: WG1632624-2								
Acenaphthene	76		-		60-132	-		48
Benzidine[1]	2		-		0-70	-		30
1,2,4-Trichlorobenzene	63		-		57-130	-		50
Hexachlorobenzene	80		-		8-142	-		55
Bis(2-chloroethyl)ether	80		-		43-126	-		108
2-Chloronaphthalene	73		-		65-120	-		24
3,3'-Dichlorobenzidine	39		-		8-213	-		108
2,4-Dinitrotoluene	88		-		48-127	-		42
2,6-Dinitrotoluene	90		-		68-137	-		48
Azobenzene[1]	85		-		44-115	-		23
Fluoranthene	84		-		43-121	-		66
4-Chlorophenyl phenyl ether	79		-		38-145	-		61
4-Bromophenyl phenyl ether	80		-		65-120	-		43
Bis(2-chloroisopropyl)ether	86		-		63-139	-		76
Bis(2-chloroethoxy)methane	85		-		49-165	-		54
Hexachlorobutadiene	56		-		38-120	-		62
Hexachlorocyclopentadiene[1]	59		-		7-118	-		35
Hexachloroethane	58		-		55-120	-		52
Isophorone	84		-		47-180	-		93
Naphthalene	69		-		36-120	-		65
Nitrobenzene	83		-		54-158	-		62
NDPA/DPA[1]	84		-		45-112	-		36
n-Nitrosodi-n-propylamine	85		-		14-198	-		87

Lab Control Sample Analysis
Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2221307
Report Date: 05/16/22

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 Batch: WG1632624-2								
Bis(2-ethylhexyl)phthalate	94		-		29-137	-		82
Butyl benzyl phthalate	91		-		1-140	-		60
Di-n-butylphthalate	90		-		8-120	-		47
Di-n-octylphthalate	93		-		19-132	-		69
Diethyl phthalate	84		-		1-120	-		100
Dimethyl phthalate	84		-		1-120	-		183
Benzo(a)anthracene	86		-		42-133	-		53
Benzo(a)pyrene	88		-		32-148	-		72
Benzo(b)fluoranthene	88		-		42-140	-		71
Benzo(k)fluoranthene	84		-		25-146	-		63
Chrysene	84		-		44-140	-		87
Acenaphthylene	80		-		54-126	-		74
Anthracene	83		-		43-120	-		66
Benzo(ghi)perylene	84		-		1-195	-		97
Fluorene	82		-		70-120	-		38
Phenanthrene	82		-		65-120	-		39
Dibenzo(a,h)anthracene	85		-		1-200	-		126
Indeno(1,2,3-cd)pyrene	95		-		1-151	-		99
Pyrene	83		-		70-120	-		49
4-Chloroaniline[1]	70		-		10-100	-		53
Dibenzofuran[1]	79		-		23-126	-		22
2-Methylnaphthalene[1]	72		-		40-109	-		18
n-Nitrosodimethylamine[1]	49		-		15-68	-		17

Lab Control Sample Analysis
Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2221307
Report Date: 05/16/22

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 Batch: WG1632624-2								
2,4,6-Trichlorophenol	87		-		52-129	-		58
p-Chloro-m-cresol[1]	88		-		68-130	-		73
2-Chlorophenol	81		-		36-120	-		61
2,4-Dichlorophenol	86		-		53-122	-		50
2,4-Dimethylphenol	82		-		42-120	-		58
2-Nitrophenol	87		-		45-167	-		55
4-Nitrophenol	59		-		13-129	-		131
2,4-Dinitrophenol	76		-		1-173	-		132
4,6-Dinitro-o-cresol	92		-		56-130	-		203
Pentachlorophenol	85		-		38-152	-		86
Phenol	47		-		17-120	-		64
2-Methylphenol[1]	77		-		38-102	-		23
3-Methylphenol/4-Methylphenol[1]	73		-		35-103	-		26
2,4,5-Trichlorophenol[1]	89		-		47-126	-		28
Benzoic Acid[1]	24		-		2-55	-		27
Benzyl Alcohol[1]	72		-		31-103	-		23

Lab Control Sample Analysis
Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814

Lab Number: L2221307
Report Date: 05/16/22

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 Batch: WG1632624-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	59				25-87
Phenol-d6	42				16-65
Nitrobenzene-d5	82				42-122
2-Fluorobiphenyl	80				46-121
2,4,6-Tribromophenol	84				45-128
4-Terphenyl-d14	82				47-138

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2221307

Report Date: 05/16/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab	Associated sample(s): 01-03		Batch: WG1634135-2					
Perfluorooctanesulfonamide (FOSA)	108		-		46-170	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	72				10-112

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2221307

Report Date: 05/16/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG1634135-2								
Perfluorobutanoic Acid (PFBA)	89		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	89		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	96		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	90		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	91		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	95		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	92		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	92		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	94		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	92		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	92		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	90		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	90		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	85		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	92		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	96		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	100		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	81		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	96		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	109		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	103		-		59-182	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2221307
Report Date: 05/16/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG1634135-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	97				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	113				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	97				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	95				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	98				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	86				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	96				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	97				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	95				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	87				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	96				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	38				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	80				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	96				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	87				22-136

Matrix Spike Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2221307

Report Date: 05/16/22

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1634135-3 WG1634135-4 QC Sample: L2221084-01 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	8.36	44.2	48.5	91		47.8	90		67-148	1		30
Perfluoropentanoic Acid (PFPeA)	13.4	44.2	54.0	92		51.8	87		63-161	4		30
Perfluorobutanesulfonic Acid (PFBS)	16.5	39.3	54.2	96		52.8	93		65-157	3		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	41.5	38.2	92		39.3	95		37-219	3		30
Perfluorohexanoic Acid (PFHxA)	19.1	44.2	58.2	88		58.3	89		69-168	0		30
Perfluoropentanesulfonic Acid (PFPeS)	1.51J	41.7	37.9	87		36.7	85		52-156	3		30
Perfluoroheptanoic Acid (PFHpA)	26.1	44.2	68.3	95		66.9	93		58-159	2		30
Perfluorohexanesulfonic Acid (PFHxS)	7.86	40.4	45.9	94		45.8	94		69-177	0		30
Perfluorooctanoic Acid (PFOA)	62.7	44.2	105	96		103	92		63-159	2		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	42.1	37.4	89		43.0	103		49-187	14		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	42.2	41.9	99		41.2	98		61-179	2		30
Perfluorononanoic Acid (PFNA)	3.72	44.2	43.7	90		44.2	92		68-171	1		30
Perfluorooctanesulfonic Acid (PFOS)	6.94	41	45.9	95		45.8	95		52-151	0		30
Perfluorodecanoic Acid (PFDA)	0.710J	44.2	37.2	82		39.9	89		63-171	7		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	42.5	38.0	90		40.1	95		56-173	5		30
Perfluorononanesulfonic Acid (PFNS)	ND	42.6	37.9	89		35.5	84		48-150	7		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	44.2	35.2	80		34.1	78		60-166	3		30
Perfluoroundecanoic Acid (PFUnA)	ND	44.2	40.6	92		42.4	96		60-153	4		30
Perfluorodecanesulfonic Acid (PFDS)	ND	42.7	35.7	84		36.6	86		38-156	2		30
Perfluorooctanesulfonamide (FOSA)	ND	44.2	41.4F	94		42.4F	96		46-170	2		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	44.2	41.7	94		44.5F	101		45-170	6		30
Perfluorododecanoic Acid (PFDoA)	ND	44.2	41.0	93		39.8	91		67-153	3		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2221307

Report Date: 05/16/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1634135-3 WG1634135-4 QC Sample: L2221084-01 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	44.2	43.4	98		41.8	95		48-158	4		30
Perfluorotetradecanoic Acid (PFTA)	ND	44.2	43.1	97		41.7	95		59-182	3		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	72		63		10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	137		134		12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	99		90		14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	41		40		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	48		45		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	73		68		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	80		74		62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	70		69		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	77		78		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103		100		71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	69		70		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	70		71		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	78		79		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	82		88		62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	11		10		10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95		93		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	81		80		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	77		74		59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	89		89		70-131

SEMIVOLATILES

High Resolution Mass Spectrometry

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2221307
Project Number: 11814
Report Date: 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-01
Client ID: INFLOW-1
Sample Location: WHITE PLAINS, NY

Date Collected: 04/25/22 07:10
Date Received: 04/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 132,1613B
Analytical Date: 05/10/22 08:20
Analyst: PB

Extraction Method: EPA 1613B
Extraction Date: 04/28/22 12:18
Cleanup Method: EPA 1613B
Cleanup Date: 05/05/22

Parameter	Result	Qualifier	EMPC	Units	RL	MDL	Dilution Factor
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab							
2,3,7,8-TCDD	ND			pg/l	9.43	1.96	1
1,2,3,7,8-PeCDD	ND			pg/l	47.2	9.79	1
1,2,3,4,7,8-HxCDD	ND			pg/l	47.2	11.8	1
1,2,3,6,7,8-HxCDD	ND			pg/l	47.2	14.7	1
1,2,3,7,8,9-HxCDD	ND			pg/l	47.2	13.8	1
1,2,3,4,6,7,8-HpCDD	ND			pg/l	47.2	13.7	1
OCDD	ND			pg/l	94.3	24.0	1
2,3,7,8-TCDF	ND			pg/l	9.43	2.89	1
1,2,3,7,8-PeCDF	ND			pg/l	47.2	6.60	1
2,3,4,7,8-PeCDF	ND			pg/l	47.2	9.87	1
1,2,3,4,7,8-HxCDF	ND			pg/l	47.2	10.5	1
1,2,3,6,7,8-HxCDF	ND			pg/l	47.2	15.0	1
1,2,3,7,8,9-HxCDF	ND			pg/l	47.2	15.5	1
2,3,4,6,7,8-HxCDF	ND			pg/l	47.2	14.9	1
1,2,3,4,6,7,8-HpCDF	ND			pg/l	47.2	12.7	1
1,2,3,4,7,8,9-HpCDF	ND			pg/l	47.2	12.0	1
OCDF	ND			pg/l	94.3	30.6	1
Total TCDD	ND			pg/l	9.43	1.96	1
Total PeCDD	ND			pg/l	47.2	9.79	1
Total HxCDD	ND			pg/l	47.2	11.8	1
Total HpCDD	ND			pg/l	47.2	13.7	1
Total TCDF	ND			pg/l	9.43	2.89	1
Total PeCDF	ND			pg/l	47.2	6.60	1
Total HxCDF	ND			pg/l	47.2	10.5	1
Total HpCDF	ND			pg/l	47.2	12.7	1
Total PCDD	ND			pg/l	9.43	1.96	1
Total PCDF	ND			pg/l	9.43	2.89	1
Toxic Equivalency (TEQ)	ND			pg/l	0.028	0.028	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2221307

Project Number: 11814 **Report Date:** 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-01 Date Collected: 04/25/22 07:10

Client ID: INFLOW-1 Date Received: 04/25/22

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	EMPC	Units	RL	MDL	Dilution Factor

Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab

Surrogate/Cleanup Standard	% Recovery	Qualifier	Acceptance Criteria
13C12-2,3,7,8-TCDF	46		24-169
13C12-2,3,7,8-TCDD	63		25-164
13C12-1,2,3,7,8-PeCDF	68		24-185
13C12-2,3,4,7,8-PeCDF	57		21-178
13C12-1,2,3,7,8-PeCDD	79		25-181
13C12-1,2,3,4,7,8-HxCDF	68		26-152
13C12-1,2,3,6,7,8-HxCDF	63		26-123
13C12-2,3,4,6,7,8-HxCDF	49		28-136
13C12-1,2,3,7,8,9-HxCDF	59		29-147
13C12-1,2,3,4,7,8-HxCDD	67		32-141
13C12-1,2,3,6,7,8-HxCDD	70		28-130
13C12-1,2,3,4,6,7,8-HpCDF	58		28-143
13C12-1,2,3,4,7,8,9-HpCDF	58		26-138
13C12-1,2,3,4,6,7,8-HpCDD	70		23-140
13C12-OCDD	71		17-157
37CL4-2,3,7,8-TCDD	97		35-197

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2221307
Project Number: 11814
Report Date: 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-02
Client ID: OUTFLOW-1
Sample Location: WHITE PLAINS, NY

Date Collected: 04/25/22 07:45
Date Received: 04/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 132,1613B
Analytical Date: 05/10/22 09:24
Analyst: PB

Extraction Method: EPA 1613B
Extraction Date: 04/28/22 12:18
Cleanup Method: EPA 1613B
Cleanup Date: 05/05/22

Parameter	Result	Qualifier	EMPC	Units	RL	MDL	Dilution Factor
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab							
2,3,7,8-TCDD	ND			pg/l	9.43	1.96	1
1,2,3,7,8-PeCDD	ND			pg/l	47.2	9.79	1
1,2,3,4,7,8-HxCDD	ND			pg/l	47.2	11.8	1
1,2,3,6,7,8-HxCDD	ND			pg/l	47.2	14.7	1
1,2,3,7,8,9-HxCDD	ND			pg/l	47.2	13.8	1
1,2,3,4,6,7,8-HpCDD	ND			pg/l	47.2	13.7	1
OCDD	ND			pg/l	94.3	24.0	1
2,3,7,8-TCDF	ND			pg/l	9.43	2.89	1
1,2,3,7,8-PeCDF	ND			pg/l	47.2	6.60	1
2,3,4,7,8-PeCDF	ND			pg/l	47.2	9.87	1
1,2,3,4,7,8-HxCDF	ND			pg/l	47.2	10.5	1
1,2,3,6,7,8-HxCDF	ND			pg/l	47.2	15.0	1
1,2,3,7,8,9-HxCDF	ND			pg/l	47.2	15.5	1
2,3,4,6,7,8-HxCDF	ND			pg/l	47.2	14.9	1
1,2,3,4,6,7,8-HpCDF	ND			pg/l	47.2	12.7	1
1,2,3,4,7,8,9-HpCDF	ND			pg/l	47.2	12.0	1
OCDF	ND			pg/l	94.3	30.6	1
Total TCDD	ND			pg/l	9.43	1.96	1
Total PeCDD	ND			pg/l	47.2	9.79	1
Total HxCDD	ND			pg/l	47.2	11.8	1
Total HpCDD	ND			pg/l	47.2	13.7	1
Total TCDF	ND			pg/l	9.43	2.89	1
Total PeCDF	ND			pg/l	47.2	6.60	1
Total HxCDF	ND			pg/l	47.2	10.5	1
Total HpCDF	ND			pg/l	47.2	12.7	1
Total PCDD	ND			pg/l	9.43	1.96	1
Total PCDF	ND			pg/l	9.43	2.89	1
Toxic Equivalency (TEQ)	ND			pg/l	0.028	0.028	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2221307

Project Number: 11814 **Report Date:** 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-02 Date Collected: 04/25/22 07:45

Client ID: OUTFLOW-1 Date Received: 04/25/22

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	EMPC	Units	RL	MDL	Dilution Factor
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab							

Surrogate/Cleanup Standard	% Recovery	Qualifier	Acceptance Criteria
13C12-2,3,7,8-TCDF	48		24-169
13C12-2,3,7,8-TCDD	66		25-164
13C12-1,2,3,7,8-PeCDF	71		24-185
13C12-2,3,4,7,8-PeCDF	58		21-178
13C12-1,2,3,7,8-PeCDD	80		25-181
13C12-1,2,3,4,7,8-HxCDF	70		26-152
13C12-1,2,3,6,7,8-HxCDF	66		26-123
13C12-2,3,4,6,7,8-HxCDF	52		28-136
13C12-1,2,3,7,8,9-HxCDF	64		29-147
13C12-1,2,3,4,7,8-HxCDD	73		32-141
13C12-1,2,3,6,7,8-HxCDD	72		28-130
13C12-1,2,3,4,6,7,8-HpCDF	63		28-143
13C12-1,2,3,4,7,8,9-HpCDF	64		26-138
13C12-1,2,3,4,6,7,8-HpCDD	78		23-140
13C12-OCDD	80		17-157
37CL4-2,3,7,8-TCDD	99		35-197

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2221307
Report Date: 05/16/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 132,1613B
Analytical Date: 05/04/22 00:22
Analyst: PB

Extraction Method: EPA 1613B
Extraction Date: 04/28/22 11:43
Cleanup Method: EPA 1613B
Cleanup Date: 05/03/22

Parameter	Result	Qualifier	EMPC	Units	RL	MDL
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab for sample(s): 01-02 Batch: WG1631618-1						
2,3,7,8-TCDD	ND			pg/l	10.0	2.08
1,2,3,7,8-PeCDD	ND			pg/l	50.0	10.4
1,2,3,4,7,8-HxCDD	ND			pg/l	50.0	12.5
1,2,3,6,7,8-HxCDD	ND			pg/l	50.0	15.6
1,2,3,7,8,9-HxCDD	ND			pg/l	50.0	14.6
1,2,3,4,6,7,8-HpCDD	ND			pg/l	50.0	14.5
OCDD	ND			pg/l	100	25.4
2,3,7,8-TCDF	ND			pg/l	10.0	3.06
1,2,3,7,8-PeCDF	ND			pg/l	50.0	7.00
2,3,4,7,8-PeCDF	ND			pg/l	50.0	10.5
1,2,3,4,7,8-HxCDF	ND			pg/l	50.0	11.1
1,2,3,6,7,8-HxCDF	ND			pg/l	50.0	15.9
1,2,3,7,8,9-HxCDF	ND			pg/l	50.0	16.5
2,3,4,6,7,8-HxCDF	ND			pg/l	50.0	15.8
1,2,3,4,6,7,8-HpCDF	ND			pg/l	50.0	13.4
1,2,3,4,7,8,9-HpCDF	ND			pg/l	50.0	12.7
OCDF	ND			pg/l	100	32.4
Total TCDD	ND			pg/l	10.0	2.08
Total PeCDD	ND			pg/l	50.0	10.4
Total HxCDD	ND			pg/l	50.0	12.5
Total HpCDD	ND			pg/l	50.0	14.5
Total TCDF	ND			pg/l	10.0	3.06
Total PeCDF	ND			pg/l	50.0	7.00
Total HxCDF	ND			pg/l	50.0	11.1
Total HpCDF	ND			pg/l	50.0	13.4
Total PCDD	ND			pg/l	10.0	2.08
Total PCDF	ND			pg/l	10.0	3.06
Toxic Equivalency (TEQ)	ND			pg/l	0.030	0.030

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2221307
Report Date: 05/16/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 132,1613B
Analytical Date: 05/04/22 00:22
Analyst: PB

Extraction Method: EPA 1613B
Extraction Date: 04/28/22 11:43
Cleanup Method: EPA 1613B
Cleanup Date: 05/03/22

Parameter	Result	Qualifier	EMPC	Units	RL	MDL
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab for sample(s): 01-02 Batch: WG1631618-1						

Surrogate/Cleanup Standard	%Recovery	Qualifier	Acceptance Criteria
13C12-2,3,7,8-TCDF	57		24-169
13C12-2,3,7,8-TCDD	73		25-164
13C12-1,2,3,7,8-PeCDF	79		24-185
13C12-2,3,4,7,8-PeCDF	72		21-178
13C12-1,2,3,7,8-PeCDD	91		25-181
13C12-1,2,3,4,7,8-HxCDF	74		26-152
13C12-1,2,3,6,7,8-HxCDF	73		26-123
13C12-2,3,4,6,7,8-HxCDF	61		28-136
13C12-1,2,3,7,8,9-HxCDF	72		29-147
13C12-1,2,3,4,7,8-HxCDD	77		32-141
13C12-1,2,3,6,7,8-HxCDD	76		28-130
13C12-1,2,3,4,6,7,8-HpCDF	69		28-143
13C12-1,2,3,4,7,8,9-HpCDF	68		26-138
13C12-1,2,3,4,6,7,8-HpCDD	82		23-140
13C12-OCDD	84		17-157
37CL4-2,3,7,8-TCDD	99		35-197

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2221307

Report Date: 05/16/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab Associated sample(s): 01-02 Batch: WG1631618-2 WG1631618-3								
2,3,7,8-TCDD	92		92		67-158	0		25
1,2,3,7,8-PeCDD	96		90		70-142	6		25
1,2,3,4,7,8-HxCDD	95		100		70-164	5		25
1,2,3,6,7,8-HxCDD	101		93		76-134	8		25
1,2,3,7,8,9-HxCDD	92		91		64-162	1		25
1,2,3,4,6,7,8-HpCDD	79		81		70-140	3		25
OCDD	99		94		78-144	5		25
2,3,7,8-TCDF	93		96		75-158	3		25
1,2,3,7,8-PeCDF	92		94		80-134	2		25
2,3,4,7,8-PeCDF	86		86		68-160	0		25
1,2,3,4,7,8-HxCDF	96		92		72-134	4		25
1,2,3,6,7,8-HxCDF	94		100		84-130	6		25
1,2,3,7,8,9-HxCDF	97		99		78-130	2		25
2,3,4,6,7,8-HxCDF	92		94		70-156	2		25
1,2,3,4,6,7,8-HpCDF	98		102		82-122	4		25
1,2,3,4,7,8,9-HpCDF	101		104		78-138	3		25
OCDF	95		92		63-170	3		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2221307

Report Date: 05/16/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab Associated sample(s): 01-02 Batch: WG1631618-2 WG1631618-3								

Surrogate/Cleanup Standard	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
13C12-2,3,7,8-TCDF	46		51		24-169
13C12-2,3,7,8-TCDD	66		69		25-164
13C12-1,2,3,7,8-PeCDF	76		78		24-185
13C12-2,3,4,7,8-PeCDF	61		66		21-178
13C12-1,2,3,7,8-PeCDD	82		92		25-181
13C12-1,2,3,4,7,8-HxCDF	70		77		26-152
13C12-1,2,3,6,7,8-HxCDF	69		69		26-123
13C12-2,3,4,6,7,8-HxCDF	49		56		28-136
13C12-1,2,3,7,8,9-HxCDF	65		68		29-147
13C12-1,2,3,4,7,8-HxCDD	73		75		32-141
13C12-1,2,3,6,7,8-HxCDD	70		76		28-130
13C12-1,2,3,4,6,7,8-HpCDF	67		68		28-143
13C12-1,2,3,4,7,8,9-HpCDF	69		70		26-138
13C12-1,2,3,4,6,7,8-HpCDD	84		86		23-140
13C12-OCDD	84		90		17-157
37CL4-2,3,7,8-TCDD	88		97		35-197

PCBS

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2221307
Project Number: 11814
Report Date: 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-01
Client ID: INFLOW-1
Sample Location: WHITE PLAINS, NY

Date Collected: 04/25/22 07:10
Date Received: 04/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 127,608.3
Analytical Date: 05/06/22 15:53
Analyst: KB

Extraction Method: EPA 608.3
Extraction Date: 05/05/22 22:36
Cleanup Method: EPA 3665A
Cleanup Date: 05/06/22
Cleanup Method: EPA 3660B
Cleanup Date: 05/06/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.250	0.016	1	A
Aroclor 1221	ND		ug/l	0.250	0.022	1	A
Aroclor 1232	ND		ug/l	0.250	0.046	1	A
Aroclor 1242	ND		ug/l	0.250	0.036	1	A
Aroclor 1248	ND		ug/l	0.250	0.046	1	A
Aroclor 1254	ND		ug/l	0.250	0.017	1	A
Aroclor 1260	ND		ug/l	0.200	0.034	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		37-123	B
Decachlorobiphenyl	73		38-114	B
2,4,5,6-Tetrachloro-m-xylene	64		37-123	A
Decachlorobiphenyl	72		38-114	A

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2221307
Project Number: 11814
Report Date: 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-02
Client ID: OUTFLOW-1
Sample Location: WHITE PLAINS, NY

Date Collected: 04/25/22 07:45
Date Received: 04/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 127,608.3
Analytical Date: 05/06/22 16:02
Analyst: KB

Extraction Method: EPA 608.3
Extraction Date: 05/05/22 22:36
Cleanup Method: EPA 3665A
Cleanup Date: 05/06/22
Cleanup Method: EPA 3660B
Cleanup Date: 05/06/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.250	0.016	1	A
Aroclor 1221	ND		ug/l	0.250	0.022	1	A
Aroclor 1232	ND		ug/l	0.250	0.046	1	A
Aroclor 1242	ND		ug/l	0.250	0.036	1	A
Aroclor 1248	ND		ug/l	0.250	0.046	1	A
Aroclor 1254	ND		ug/l	0.250	0.017	1	A
Aroclor 1260	ND		ug/l	0.200	0.034	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		37-123	B
Decachlorobiphenyl	79		38-114	B
2,4,5,6-Tetrachloro-m-xylene	66		37-123	A
Decachlorobiphenyl	77		38-114	A

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2221307
Report Date: 05/16/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 127,608.3
Analytical Date: 05/06/22 15:13
Analyst: KB

Extraction Method: EPA 608.3
Extraction Date: 05/05/22 22:36
Cleanup Method: EPA 3665A
Cleanup Date: 05/06/22
Cleanup Method: EPA 3660B
Cleanup Date: 05/06/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1635150-1						
Aroclor 1016	ND		ug/l	0.250	0.016	A
Aroclor 1221	ND		ug/l	0.250	0.022	A
Aroclor 1232	ND		ug/l	0.250	0.046	A
Aroclor 1242	ND		ug/l	0.250	0.036	A
Aroclor 1248	ND		ug/l	0.250	0.046	A
Aroclor 1254	ND		ug/l	0.250	0.017	A
Aroclor 1260	ND		ug/l	0.200	0.034	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		37-123	B
Decachlorobiphenyl	79		38-114	B
2,4,5,6-Tetrachloro-m-xylene	68		37-123	A
Decachlorobiphenyl	77		38-114	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2221307

Report Date: 05/16/22

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 Batch: WG1635150-2									
Aroclor 1016	74		-		50-140	-		36	A
Aroclor 1260	77		-		8-140	-		38	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67				37-123	B
Decachlorobiphenyl	71				38-114	B
2,4,5,6-Tetrachloro-m-xylene	66				37-123	A
Decachlorobiphenyl	69				38-114	A

PESTICIDES

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2221307
Project Number: 11814
Report Date: 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-01
Client ID: INFLOW-1
Sample Location: WHITE PLAINS, NY

Date Collected: 04/25/22 07:10
Date Received: 04/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 127,608.3
Analytical Date: 04/30/22 16:09
Analyst: EJL

Extraction Method: EPA 608.3
Extraction Date: 04/29/22 12:14
Cleanup Method: EPA 3620B
Cleanup Date: 04/29/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.003	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.009	1	A
Heptachlor	ND		ug/l	0.020	0.005	1	A
Aldrin	ND		ug/l	0.020	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.007	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.017	1	A
Endrin ketone[1]	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.003	1	A
4,4'-DDE	ND		ug/l	0.040	0.003	1	A
4,4'-DDD	ND		ug/l	0.040	0.008	1	A
4,4'-DDT	ND		ug/l	0.040	0.008	1	A
Endosulfan I	ND		ug/l	0.020	0.008	1	A
Endosulfan II	ND		ug/l	0.040	0.003	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.017	1	A
Methoxychlor[1]	ND		ug/l	0.100	0.008	1	A
Toxaphene	ND		ug/l	0.400	0.126	1	A
Chlordane	ND		ug/l	0.200	0.042	1	A
cis-Chlordane[1]	ND		ug/l	0.020	0.005	1	A
trans-Chlordane[1]	ND		ug/l	0.020	0.008	1	A

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2221307

Project Number: 11814 **Report Date:** 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-01 Date Collected: 04/25/22 07:10

Client ID: INFLOW-1 Date Received: 04/25/22

Sample Location: WHITE PLAINS, 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	74		47-124	A
Decachlorobiphenyl	72		32-167	A
2,4,5,6-Tetrachloro-m-xylene	77		47-124	B
Decachlorobiphenyl	69		32-167	B

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2221307
Project Number: 11814
Report Date: 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-02
Client ID: OUTFLOW-1
Sample Location: WHITE PLAINS, NY

Date Collected: 04/25/22 07:45
Date Received: 04/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 127,608.3
Analytical Date: 04/30/22 15:59
Analyst: EJL

Extraction Method: EPA 608.3
Extraction Date: 04/29/22 12:14
Cleanup Method: EPA 3620B
Cleanup Date: 04/29/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.003	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.009	1	A
Heptachlor	ND		ug/l	0.020	0.005	1	A
Aldrin	ND		ug/l	0.020	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.007	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.017	1	A
Endrin ketone[1]	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.003	1	A
4,4'-DDE	ND		ug/l	0.040	0.003	1	A
4,4'-DDD	ND		ug/l	0.040	0.008	1	A
4,4'-DDT	ND		ug/l	0.040	0.008	1	A
Endosulfan I	ND		ug/l	0.020	0.008	1	A
Endosulfan II	ND		ug/l	0.040	0.003	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.017	1	A
Methoxychlor[1]	ND		ug/l	0.100	0.008	1	A
Toxaphene	ND		ug/l	0.400	0.126	1	A
Chlordane	ND		ug/l	0.200	0.042	1	A
cis-Chlordane[1]	ND		ug/l	0.020	0.005	1	A
trans-Chlordane[1]	ND		ug/l	0.020	0.008	1	A

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2221307

Project Number: 11814 **Report Date:** 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-02 Date Collected: 04/25/22 07:45

Client ID: OUTFLOW-1 Date Received: 04/25/22

Sample Location: WHITE PLAINS, 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	71		47-124	A
Decachlorobiphenyl	72		32-167	A
2,4,5,6-Tetrachloro-m-xylene	78		47-124	B
Decachlorobiphenyl	75		32-167	B

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2221307
Report Date: 05/16/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 127,608.3
Analytical Date: 04/30/22 16:51
Analyst: EJL

Extraction Method: EPA 608.3
Extraction Date: 04/29/22 12:14
Cleanup Method: EPA 3620B
Cleanup Date: 04/29/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1632555-1						
Delta-BHC	ND		ug/l	0.020	0.005	A
Lindane	ND		ug/l	0.020	0.003	A
Alpha-BHC	ND		ug/l	0.020	0.004	A
Beta-BHC	ND		ug/l	0.020	0.009	A
Heptachlor	ND		ug/l	0.020	0.005	A
Aldrin	ND		ug/l	0.020	0.005	A
Heptachlor epoxide	ND		ug/l	0.020	0.007	A
Endrin	ND		ug/l	0.040	0.004	A
Endrin aldehyde	ND		ug/l	0.040	0.017	A
Endrin ketone[1]	ND		ug/l	0.040	0.005	A
Dieldrin	ND		ug/l	0.040	0.003	A
4,4'-DDE	ND		ug/l	0.040	0.003	A
4,4'-DDD	ND		ug/l	0.040	0.008	A
4,4'-DDT	ND		ug/l	0.040	0.008	A
Endosulfan I	ND		ug/l	0.020	0.008	A
Endosulfan II	ND		ug/l	0.040	0.003	A
Endosulfan sulfate	ND		ug/l	0.040	0.017	A
Methoxychlor[1]	ND		ug/l	0.100	0.008	A
Toxaphene	ND		ug/l	0.400	0.126	A
Chlordane	ND		ug/l	0.200	0.042	A
cis-Chlordane[1]	ND		ug/l	0.020	0.005	A
trans-Chlordane[1]	ND		ug/l	0.020	0.008	A

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2221307
Report Date: 05/16/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 127,608.3
Analytical Date: 04/30/22 16:51
Analyst: EJL

Extraction Method: EPA 608.3
Extraction Date: 04/29/22 12:14
Cleanup Method: EPA 3620B
Cleanup Date: 04/29/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1632555-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		47-124	A
Decachlorobiphenyl	68		32-167	A
2,4,5,6-Tetrachloro-m-xylene	71		47-124	B
Decachlorobiphenyl	67		32-167	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2221307

Report Date: 05/16/22

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 Batch: WG1632555-2									
Delta-BHC	81		-		19-140	-		52	A
Lindane	81		-		32-140	-		39	A
Alpha-BHC	79		-		37-140	-		36	A
Beta-BHC	76		-		17-147	-		44	A
Heptachlor	78		-		34-140	-		43	A
Aldrin	73		-		42-140	-		35	A
Heptachlor epoxide	62		-		37-142	-		26	A
Endrin	75		-		30-147	-		48	A
Endrin aldehyde	59		-		30-150	-		30	A
Endrin ketone[1]	71		-		30-150	-		30	A
Dieldrin	77		-		36-146	-		49	A
4,4'-DDE	70		-		30-145	-		35	A
4,4'-DDD	77		-		31-141	-		39	A
4,4'-DDT	72		-		25-160	-		42	A
Endosulfan I	69		-		45-153	-		28	A
Endosulfan II	74		-		1-202	-		53	A
Endosulfan sulfate	58		-		26-144	-		38	A
Methoxychlor[1]	74		-		30-150	-		30	A
cis-Chlordane[1]	64		-		45-140	-		35	A
trans-Chlordane[1]	83		-		45-140	-		35	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2221307

Report Date: 05/16/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1632555-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67				47-124	A
Decachlorobiphenyl	72				32-167	A
2,4,5,6-Tetrachloro-m-xylene	76				47-124	B
Decachlorobiphenyl	73				32-167	B

INORGANICS
&
MISCELLANEOUS

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2221307
Report Date: 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-01
Client ID: INFLOW-1
Sample Location: WHITE PLAINS, NY
Sample Depth:
Matrix: Water

Date Collected: 04/25/22 07:10
Date Received: 04/25/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
pH (H)	7.2		SU	-	NA	1	-	04/26/22 08:10	1,9040C	CL
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	05/06/22 15:00	05/06/22 17:30	140,1664B	TL
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	04/26/22 06:00	04/26/22 06:14	1,7196A	KA

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2221307
Report Date: 05/16/22

SAMPLE RESULTS

Lab ID: L2221307-02
Client ID: OUTFLOW-1
Sample Location: WHITE PLAINS, NY
Sample Depth:
Matrix: Water

Date Collected: 04/25/22 07:45
Date Received: 04/25/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
pH (H)	7.4		SU	-	NA	1	-	04/26/22 08:10	1,9040C	CL
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	05/06/22 15:00	05/06/22 17:30	140,1664B	TL
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	04/26/22 06:00	04/26/22 06:14	1,7196A	KA

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2221307
Report Date: 05/16/22

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): 01-02 Batch: WG1630973-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	04/26/22 06:00	04/26/22 06:13	1,7196A	KA
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1635489-1										
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	05/06/22 15:00	05/06/22 17:30	140,1664B	TL

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2221307

Report Date: 05/16/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1630973-2								
Chromium, Hexavalent	100		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1631048-1								
pH	100		-		99-101	-		5
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1635489-2								
Oil & Grease, Hem-Grav	91		-		78-114	-		18

Matrix Spike Analysis
Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814

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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): 01-02 QC Batch ID: WG1630973-4 QC Sample: L2221307-02 Client ID: OUTFLOW-1												
Chromium, Hexavalent	ND	0.1	0.099	99		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1635489-4 QC Sample: L2200033-52 Client ID: MS Sample												
Oil & Grease, Hem-Grav	ND	40	36	91		-	-		78-114	-		18

Lab Duplicate Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2221307

Report Date: 05/16/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1630973-3 QC Sample: L2221307-01 Client ID: INFLOW-1						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1631048-2 QC Sample: L2221423-01 Client ID: DUP Sample						
pH	7.3	7.2	SU	1		5
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1635489-3 QC Sample: L2200033-51 Client ID: DUP Sample						
Oil & Grease, Hem-Grav	ND	ND	mg/l	NC		18

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814

Lab Number: L2221307
Report Date: 05/16/22

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(*)
L2221307-01A	Vial Na2S2O3 preserved	B	NA		3.7	Y	Absent		624.1(3)
L2221307-01B	Vial Na2S2O3 preserved	B	NA		3.7	Y	Absent		624.1(3)
L2221307-01C	Vial Na2S2O3 preserved	B	NA		3.7	Y	Absent		624.1(3)
L2221307-01D	Plastic 250ml unpreserved	B	7	7	3.7	Y	Absent		HEXCR-7196(1),PH-9040(1)
L2221307-01E	Plastic 250ml unpreserved	B	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2221307-01F	Plastic 250ml unpreserved	B	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2221307-01G	Amber 500ml unpreserved	B	7	7	3.7	Y	Absent		A2-DIOXIN-1613(365)
L2221307-01H	Amber 500ml unpreserved	B	7	7	3.7	Y	Absent		A2-DIOXIN-1613(365)
L2221307-01J	Amber 1000ml Na2S2O3	B	7	7	3.7	Y	Absent		PCB-608.3(365)
L2221307-01K	Amber 1000ml Na2S2O3	B	7	7	3.7	Y	Absent		PCB-608.3(365)
L2221307-01L	Amber 1000ml Na2S2O3	B	7	7	3.7	Y	Absent		PESTICIDE-608.3(7)
L2221307-01M	Amber 1000ml Na2S2O3	B	7	7	3.7	Y	Absent		PESTICIDE-608.3(7)
L2221307-01N	Amber 1000ml Na2S2O3	B	7	7	3.7	Y	Absent		625.1(7)
L2221307-01O	Amber 1000ml Na2S2O3	B	7	7	3.7	Y	Absent		625.1(7)
L2221307-01P	Amber 1000ml HCl preserved	B	NA		3.7	Y	Absent		OG-1664(28)
L2221307-01Q	Amber 1000ml HCl preserved	B	NA		3.7	Y	Absent		OG-1664(28)
L2221307-02A	Vial Na2S2O3 preserved	A	NA		4.0	Y	Absent		624.1(3)
L2221307-02B	Vial Na2S2O3 preserved	A	NA		4.0	Y	Absent		624.1(3)
L2221307-02C	Vial Na2S2O3 preserved	A	NA		4.0	Y	Absent		624.1(3)
L2221307-02D	Plastic 250ml unpreserved	A	7	7	4.0	Y	Absent		HEXCR-7196(1),PH-9040(1)
L2221307-02E	Plastic 250ml unpreserved	A	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2221307-02F	Plastic 250ml unpreserved	A	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814

Lab Number: L2221307
Report Date: 05/16/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2221307-02G	Amber 500ml unpreserved	A	7	7	4.0	Y	Absent		A2-DIOXIN-1613(365)
L2221307-02H	Amber 500ml unpreserved	A	7	7	4.0	Y	Absent		A2-DIOXIN-1613(365)
L2221307-02J	Amber 1000ml Na2S2O3	A	7	7	4.0	Y	Absent		PCB-608.3(365)
L2221307-02K	Amber 1000ml Na2S2O3	A	7	7	4.0	Y	Absent		PCB-608.3(365)
L2221307-02L	Amber 1000ml Na2S2O3	A	7	7	4.0	Y	Absent		PESTICIDE-608.3(7)
L2221307-02M	Amber 1000ml Na2S2O3	A	7	7	4.0	Y	Absent		PESTICIDE-608.3(7)
L2221307-02N	Amber 1000ml Na2S2O3	A	7	7	4.0	Y	Absent		625.1(7)
L2221307-02O	Amber 1000ml Na2S2O3	A	7	7	4.0	Y	Absent		625.1(7)
L2221307-02P	Amber 1000ml HCl preserved	A	NA		4.0	Y	Absent		OG-1664(28)
L2221307-02Q	Amber 1000ml HCl preserved	A	NA		4.0	Y	Absent		OG-1664(28)
L2221307-03A	Plastic 250ml unpreserved	A	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2221307
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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
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

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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.

LCSD - 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.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

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.

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Footnotes

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. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: 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.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

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.

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Data Qualifiers

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 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.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	85 N. LEXINGTON AVE.	**Lab Number:**	L2221307
Project Number:	11814	**Report Date:**	05/16/22

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

127 Method 608.3: Organochlorine Pesticides and PCBs by GC/HSD, EPA 821-R-16-009, December 2016.

128 Method 624.1: Purgeables by GC/MS, EPA 821-R-16-008, December 2016.

129 Method 625.1: Base/Neutrals and Acids by GC/MS, EPA 821-R-16-007, December 2016.

132 Method 1613 Revision B: Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution HRGC/HRMS. USEPA Office of Water, October 1994.

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.

140 Method 1664,Revision B: N-Hexane Extractable Material (HEM; Oil & Grease) and Silica Gel Treated N-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry, EPA-821-R-10-001, February 2010.

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.

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, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; 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.
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, SM4500Cl-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, SM9222D.**

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, EPA 537.1.

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

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

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 1 of 1

Date Rec'd in Lab: 4/25/22

ALPHA Job #: L2221307

Client Information
Client: SESI Consulting Engineers
Address: 12A Maple Ave
Pine Brook NJ
Phone: (973) 808 9050
Fax:
Email: Monica.norton@SESI.org

Project Information
Project Name: 85 N Lexington Ave.
Project Location: White Plains NY
Project # 11814-
(Use Project name as Project #) ☐
Project Manager: Monica Norton
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☑ Other EQUIS EDD

Regulatory Requirement
☑ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☑ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

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:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Volatile organics (EPA 624)	Acid/Base/Neutral (EPA 625.1)	Diox. & Furans HRMS (EPA 1613B)	Pesticides EPA 608.3	n-Hexane Extractable Material (EPA 1664A) (mg/L)	Hexavalent Chromium EPA 7196 (ug/L)	PH-Hydrogen Ion (Concentration) EPA 9040	PCBs EPA 608.3	NYSTEAA LCMSMS 160-dilution	Sample Specific Comments	Total Bottle
21307-01	Inflow-1	04/25/22	0710	water	CC	X	X	X	X	X	X	X	X	X		
-02	Outflow-1	↓	0745	↓	↓	X	X	X	X	X	X	X	X	X		
-03	FB-120220425	↓	0830	↓	↓									X		7

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Container Type	V	A	A	A	A	P	P	A	P
Preservative	H	H	A	H	B	A	X	H	A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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

Relinquished By:	Date/Time	Received By:	Date/Time
	04/25/22	Don DAAL	4/25/22 1020
Don DAAL	4/25/22 1320	Paul Maggella	4/25/22 1600
Paul Maggella	4/25/22 1700		

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2227756
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Monica Norton
Phone:	(973) 808-9050
Project Name:	85 N. LEXINGTON AVE.
Project Number:	11814
Report Date:	06/14/22

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).

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

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814

Lab Number: L2227756
Report Date: 06/14/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2227756-01	INFLOW-2	WATER	WHITE PLAINS, NY	05/25/22 11:00	05/25/22
L2227756-02	OUTFLOW-2	WATER	WHITE PLAINS, NY	05/25/22 11:30	05/25/22
L2227756-03	RA-23 (4-4.5)		WHITE PLAINS, NY	05/25/22 12:55	05/25/22
L2227756-04	RA-23 (5-5.5)		WHITE PLAINS, NY	05/25/22 13:00	05/25/22
L2227756-05	RA-74 (5-5.5)		WHITE PLAINS, NY	05/25/22 12:45	05/25/22
L2227756-06	RA-74 (7-7.5)		WHITE PLAINS, NY	05/25/22 12:50	05/25/22
L2227756-07	DUP-120220525		WHITE PLAINS, NY	05/25/22 00:00	05/25/22
L2227756-08	TB120220525		WHITE PLAINS, NY	05/25/22 00:00	05/25/22
L2227756-09	FB20220525	WATER	WHITE PLAINS, NY	05/25/22 12:00	05/25/22

Project Name:	85 N. LEXINGTON AVE.	**Lab Number:**	L2227756
Project Number:	11814	**Report Date:**	06/14/22

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:	85 N. LEXINGTON AVE.	**Lab Number:**	L2227756
Project Number:	11814	**Report Date:**	06/14/22

Case Narrative (continued)

Report Submission

June 14, 2022: This final report includes the results of all requested analyses.

June 02, 2022: 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.

Sample Receipt

At the client's request, only the results for the water samples are reported. The results for the soil samples will be reported under separate cover.

L2227756-03: The collection date and time on the chain of custody was 25-MAY-22 12:45; however, the collection date/time on the container label was 25-MAY-22 12:55. At the client's request, the collection date/time is reported as 25-MAY-22 12:55.

L2227756-04: The collection date and time on the chain of custody was 25-MAY-22 12:50; however, the collection date/time on the container label was 25-MAY-22 13:00. At the client's request, the collection date/time is reported as 25-MAY-22 13:00.

L2227756-05: The collection date and time on the chain of custody was 25-MAY-22 12:55; however, the collection date/time on the container label was 25-MAY-22 12:45. At the client's request, the collection date/time is reported as 25-MAY-22 12:45.

L2227756-06: The collection date and time on the chain of custody was 25-MAY-22 13:00; however, the collection date/time on the container label was 25-MAY-22 12:50. At the client's request, the collection date/time is reported as 25-MAY-22 12:50.

Perfluorinated Alkyl Acids by Isotope Dilution

L2227756-01: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

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:  Cristin Walker

Title: Technical Director/Representative Date: 06/14/22

ORGANICS

VOLATILES

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2227756
Project Number: 11814
Report Date: 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-01
Client ID: INFLOW-2
Sample Location: WHITE PLAINS, NY
Date Collected: 05/25/22 11:00
Date Received: 05/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 05/26/22 17:08
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	0.68	J	ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	0.64	J	ug/l	1.0	0.38	1
Toluene	0.57	J	ug/l	1.0	0.31	1
Ethylbenzene	0.44	J	ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2227756

Project Number: 11814 **Report Date:** 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-01 Date Collected: 05/25/22 11:00

Client ID: INFLOW-2 Date Received: 05/25/22

Sample Location: WHITE PLAINS, 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	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	0.33	J	ug/l	2.0	0.30	1
o-xylene	0.63	J	ug/l	1.0	0.34	1
Xylenes, Total	0.96	J	ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	106		60-140
Fluorobenzene	99		60-140
4-Bromofluorobenzene	95		60-140

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2227756
Project Number: 11814
Report Date: 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-02
Client ID: OUTFLOW-2
Sample Location: WHITE PLAINS, NY
Date Collected: 05/25/22 11:30
Date Received: 05/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 05/26/22 17:42
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2227756

Project Number: 11814 **Report Date:** 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-02 Date Collected: 05/25/22 11:30

Client ID: OUTFLOW-2 Date Received: 05/25/22

Sample Location: WHITE PLAINS, 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	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	105		60-140
Fluorobenzene	100		60-140
4-Bromofluorobenzene	95		60-140

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2227756

Project Number: 11814 **Report Date:** 06/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 05/26/22 13:46
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1643713-4					
Methylene chloride	ND		ug/l	1.0	0.56
1,1-Dichloroethane	ND		ug/l	1.5	0.40
Chloroform	ND		ug/l	1.0	0.38
Carbon tetrachloride	ND		ug/l	1.0	0.24
1,2-Dichloropropane	ND		ug/l	3.5	0.46
Dibromochloromethane	ND		ug/l	1.0	0.27
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34
2-Chloroethylvinyl ether	ND		ug/l	10	0.35
Tetrachloroethene	ND		ug/l	1.0	0.26
Chlorobenzene	ND		ug/l	3.5	0.30
Trichlorofluoromethane	ND		ug/l	5.0	0.28
1,2-Dichloroethane	ND		ug/l	1.5	0.47
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29
Bromodichloromethane	ND		ug/l	1.0	0.28
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34
Bromoform	ND		ug/l	1.0	0.22
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20
Benzene	ND		ug/l	1.0	0.38
Toluene	ND		ug/l	1.0	0.31
Ethylbenzene	ND		ug/l	1.0	0.28
Chloromethane	ND		ug/l	5.0	1.0
Bromomethane	ND		ug/l	5.0	1.2
Vinyl chloride	ND		ug/l	1.0	0.38
Chloroethane	ND		ug/l	2.0	0.37
1,1-Dichloroethene	ND		ug/l	1.0	0.31
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17
Trichloroethene	ND		ug/l	1.0	0.33

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2227756

Project Number: 11814 **Report Date:** 06/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 05/26/22 13:46
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1643713-4					
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29
p/m-Xylene	ND		ug/l	2.0	0.30
o-xylene	ND		ug/l	1.0	0.34
Xylenes, Total	ND		ug/l	1.0	0.30
Styrene	ND		ug/l	1.0	0.37
Acetone	ND		ug/l	10	2.4
Carbon disulfide	ND		ug/l	5.0	0.28
2-Butanone	ND		ug/l	10	1.0
Vinyl acetate	ND		ug/l	10	0.41
4-Methyl-2-pentanone	ND		ug/l	10	0.19
2-Hexanone	ND		ug/l	10	0.55
Acrolein	ND		ug/l	8.0	1.8
Acrylonitrile	ND		ug/l	10	0.33
Dibromomethane	ND		ug/l	1.0	0.23

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	116		60-140
Fluorobenzene	79		60-140
4-Bromofluorobenzene	97		60-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2227756

Report Date: 06/14/22

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 Batch: WG1643713-3								
Methylene chloride	90		-		60-140	-		28
1,1-Dichloroethane	85		-		50-150	-		49
Chloroform	100		-		70-135	-		54
Carbon tetrachloride	105		-		70-130	-		41
1,2-Dichloropropane	90		-		35-165	-		55
Dibromochloromethane	95		-		70-135	-		50
1,1,2-Trichloroethane	100		-		70-130	-		45
2-Chloroethylvinyl ether	95		-		1-225	-		71
Tetrachloroethene	95		-		70-130	-		39
Chlorobenzene	90		-		65-135	-		53
Trichlorofluoromethane	95		-		50-150	-		84
1,2-Dichloroethane	100		-		70-130	-		49
1,1,1-Trichloroethane	100		-		70-130	-		36
Bromodichloromethane	100		-		65-135	-		56
trans-1,3-Dichloropropene	95		-		50-150	-		86
cis-1,3-Dichloropropene	100		-		25-175	-		58
Bromoform	90		-		70-130	-		42
1,1,2,2-Tetrachloroethane	95		-		60-140	-		61
Benzene	105		-		65-135	-		61
Toluene	100		-		70-130	-		41
Ethylbenzene	95		-		60-140	-		63
Chloromethane	105		-		1-205	-		60
Bromomethane	60		-		15-185	-		61

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2227756

Report Date: 06/14/22

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 Batch: WG1643713-3								
Vinyl chloride	135		-		5-195	-		66
Chloroethane	115		-		40-160	-		78
1,1-Dichloroethene	90		-		50-150	-		32
trans-1,2-Dichloroethene	85		-		70-130	-		45
cis-1,2-Dichloroethene	95		-		60-140	-		30
Trichloroethene	70		-		65-135	-		48
1,2-Dichlorobenzene	85		-		65-135	-		57
1,3-Dichlorobenzene	85		-		70-130	-		43
1,4-Dichlorobenzene	85		-		65-135	-		57
p/m-Xylene	90		-		60-140	-		30
o-xylene	85		-		60-140	-		30
Styrene	85		-		60-140	-		30
Acetone	76		-		40-160	-		30
Carbon disulfide	80		-		60-140	-		30
2-Butanone	92		-		60-140	-		30
Vinyl acetate	82		-		60-140	-		30
4-Methyl-2-pentanone	96		-		60-140	-		30
2-Hexanone	94		-		60-140	-		30
Acrolein	95		-		60-140	-		30
Acrylonitrile	85		-		60-140	-		60
Dibromomethane	75		-		70-130	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2227756

Report Date: 06/14/22

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 Batch: WG1643713-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	120				60-140
Fluorobenzene	85				60-140
4-Bromofluorobenzene	98				60-140

SEMIVOLATILES

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2227756
Project Number: 11814
Report Date: 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-01
Client ID: INFLOW-2
Sample Location: WHITE PLAINS, NY

Date Collected: 05/25/22 11:00
Date Received: 05/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 129,625.1
Analytical Date: 06/01/22 05:54
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 05/28/22 07:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1.14	J	ug/l	2.00	0.407	1
Benzidine[1]	ND		ug/l	20.0	12.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.00	1.49	1
Hexachlorobenzene	ND		ug/l	2.00	0.952	1
Bis(2-chloroethyl)ether	ND		ug/l	2.00	0.600	1
2-Chloronaphthalene	ND		ug/l	2.00	0.319	1
3,3'-Dichlorobenzidine	ND		ug/l	5.00	0.457	1
2,4-Dinitrotoluene	ND		ug/l	5.00	0.636	1
2,6-Dinitrotoluene	ND		ug/l	5.00	0.631	1
Azobenzene[1]	ND		ug/l	2.00	0.889	1
Fluoranthene	ND		ug/l	2.00	0.736	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.00	0.371	1
4-Bromophenyl phenyl ether	ND		ug/l	2.00	0.447	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.00	0.822	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.00	0.585	1
Hexachlorobutadiene	ND		ug/l	2.00	0.921	1
Hexachlorocyclopentadiene[1]	ND		ug/l	10.0	1.36	1
Hexachloroethane	ND		ug/l	2.00	0.973	1
Isophorone	ND		ug/l	5.00	0.546	1
Naphthalene	4.03		ug/l	2.00	0.896	1
Nitrobenzene	ND		ug/l	2.00	0.788	1
NDPA/DPA[1]	ND		ug/l	2.00	0.783	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.00	0.630	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.20	1.70	1
Butyl benzyl phthalate	ND		ug/l	5.00	0.670	1
Di-n-butylphthalate	ND		ug/l	5.00	0.631	1
Di-n-octylphthalate	ND		ug/l	5.00	0.633	1
Diethyl phthalate	ND		ug/l	5.00	0.717	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2227756

Project Number: 11814 **Report Date:** 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-01 Date Collected: 05/25/22 11:00

Client ID: INFLOW-2 Date Received: 05/25/22

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/l	5.00	1.40	1
Benzo(a)anthracene	ND		ug/l	2.00	0.665	1
Benzo(a)pyrene	ND		ug/l	2.00	0.610	1
Benzo(b)fluoranthene	ND		ug/l	2.00	0.741	1
Benzo(k)fluoranthene	ND		ug/l	2.00	0.739	1
Chrysene	ND		ug/l	2.00	0.668	1
Acenaphthylene	ND		ug/l	2.00	0.930	1
Anthracene	ND		ug/l	2.00	0.791	1
Benzo(ghi)perylene	ND		ug/l	2.00	0.672	1
Fluorene	ND		ug/l	2.00	0.927	1
Phenanthrene	ND		ug/l	2.00	0.818	1
Dibenzo(a,h)anthracene	ND		ug/l	2.00	0.687	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.00	0.633	1
Pyrene	ND		ug/l	2.00	0.728	1
4-Chloroaniline[1]	ND		ug/l	5.00	0.790	1
Dibenzofuran[1]	ND		ug/l	2.00	0.373	1
2-Methylnaphthalene[1]	ND		ug/l	2.00	0.351	1
n-Nitrosodimethylamine[1]	ND		ug/l	2.00	0.407	1
2,4,6-Trichlorophenol	ND		ug/l	5.00	0.607	1
p-Chloro-m-cresol[1]	ND		ug/l	2.00	0.533	1
2-Chlorophenol	ND		ug/l	2.00	0.513	1
2,4-Dichlorophenol	ND		ug/l	5.00	0.554	1
2,4-Dimethylphenol	ND		ug/l	5.00	0.851	1
2-Nitrophenol	ND		ug/l	5.00	0.604	1
4-Nitrophenol	ND		ug/l	10.0	0.834	1
2,4-Dinitrophenol	ND		ug/l	20.0	1.21	1
4,6-Dinitro-o-cresol	ND		ug/l	10.0	1.20	1
Pentachlorophenol	ND		ug/l	5.00	0.622	1
Phenol	ND		ug/l	5.00	0.262	1
2-Methylphenol[1]	ND		ug/l	5.00	0.773	1
3-Methylphenol/4-Methylphenol[1]	ND		ug/l	5.00	0.511	1
2,4,5-Trichlorophenol[1]	ND		ug/l	5.00	0.637	1
Benzoic Acid[1]	ND		ug/l	50.0	1.17	1
Benzyl Alcohol[1]	ND		ug/l	2.00	0.490	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2227756

Project Number: 11814 **Report Date:** 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-01 Date Collected: 05/25/22 11:00

Client ID: INFLOW-2 Date Received: 05/25/22

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		25-87
Phenol-d6	25		16-65
Nitrobenzene-d5	60		42-122
2-Fluorobiphenyl	57		46-121
2,4,6-Tribromophenol	66		45-128
4-Terphenyl-d14	64		47-138

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2227756
Project Number: 11814
Report Date: 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-01
Client ID: INFLOW-2
Sample Location: WHITE PLAINS, NY

Date Collected: 05/25/22 11:00
Date Received: 05/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/08/22 01:58
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/07/22 07:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	8.54		ng/l	1.77	0.360	1
Perfluoropentanoic Acid (PFPeA)	11.6		ng/l	1.77	0.350	1
Perfluorobutanesulfonic Acid (PFBS)	7.39		ng/l	1.77	0.210	1
Perfluorohexanoic Acid (PFHxA)	9.08		ng/l	1.77	0.290	1
Perfluoroheptanoic Acid (PFHpA)	6.41		ng/l	1.77	0.199	1
Perfluorohexanesulfonic Acid (PFHxS)	6.56		ng/l	1.77	0.332	1
Perfluorooctanoic Acid (PFOA)	19.0		ng/l	1.77	0.208	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.77	1.18	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.77	0.608	1
Perfluorononanoic Acid (PFNA)	0.908	J	ng/l	1.77	0.276	1
Perfluorooctanesulfonic Acid (PFOS)	15.2		ng/l	1.77	0.445	1
Perfluorodecanoic Acid (PFDA)	0.314	JF	ng/l	1.77	0.268	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.77	1.07	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.77	0.572	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.77	0.230	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.77	0.866	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.77	0.512	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.77	0.710	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.77	0.328	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.77	0.289	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.77	0.219	1
PFOA/PFOS, Total	34.2		ng/l	1.77	0.208	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2227756

Project Number: 11814 **Report Date:** 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-01 Date Collected: 05/25/22 11:00

Client ID: INFLOW-2 Date Received: 05/25/22

Sample Location: WHITE PLAINS, 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)	91		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	82		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	98		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	74		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	87		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	107		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**154**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	82		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	84		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	113		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	50		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	75		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	28		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	61		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	71		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	71		22-136

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2227756
Project Number: 11814
Report Date: 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-02
Client ID: OUTFLOW-2
Sample Location: WHITE PLAINS, NY

Date Collected: 05/25/22 11:30
Date Received: 05/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 129,625.1
Analytical Date: 06/01/22 06:16
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 05/28/22 07:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.00	0.407	1
Benzidine[1]	ND		ug/l	20.0	12.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.00	1.49	1
Hexachlorobenzene	ND		ug/l	2.00	0.952	1
Bis(2-chloroethyl)ether	ND		ug/l	2.00	0.600	1
2-Chloronaphthalene	ND		ug/l	2.00	0.319	1
3,3'-Dichlorobenzidine	ND		ug/l	5.00	0.457	1
2,4-Dinitrotoluene	ND		ug/l	5.00	0.636	1
2,6-Dinitrotoluene	ND		ug/l	5.00	0.631	1
Azobenzene[1]	ND		ug/l	2.00	0.889	1
Fluoranthene	ND		ug/l	2.00	0.736	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.00	0.371	1
4-Bromophenyl phenyl ether	ND		ug/l	2.00	0.447	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.00	0.822	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.00	0.585	1
Hexachlorobutadiene	ND		ug/l	2.00	0.921	1
Hexachlorocyclopentadiene[1]	ND		ug/l	10.0	1.36	1
Hexachloroethane	ND		ug/l	2.00	0.973	1
Isophorone	ND		ug/l	5.00	0.546	1
Naphthalene	ND		ug/l	2.00	0.896	1
Nitrobenzene	ND		ug/l	2.00	0.788	1
NDPA/DPA[1]	ND		ug/l	2.00	0.783	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.00	0.630	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.20	1.70	1
Butyl benzyl phthalate	ND		ug/l	5.00	0.670	1
Di-n-butylphthalate	ND		ug/l	5.00	0.631	1
Di-n-octylphthalate	ND		ug/l	5.00	0.633	1
Diethyl phthalate	ND		ug/l	5.00	0.717	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2227756

Project Number: 11814 **Report Date:** 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-02 Date Collected: 05/25/22 11:30

Client ID: OUTFLOW-2 Date Received: 05/25/22

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/l	5.00	1.40	1
Benzo(a)anthracene	ND		ug/l	2.00	0.665	1
Benzo(a)pyrene	ND		ug/l	2.00	0.610	1
Benzo(b)fluoranthene	ND		ug/l	2.00	0.741	1
Benzo(k)fluoranthene	ND		ug/l	2.00	0.739	1
Chrysene	ND		ug/l	2.00	0.668	1
Acenaphthylene	ND		ug/l	2.00	0.930	1
Anthracene	ND		ug/l	2.00	0.791	1
Benzo(ghi)perylene	ND		ug/l	2.00	0.672	1
Fluorene	ND		ug/l	2.00	0.927	1
Phenanthrene	ND		ug/l	2.00	0.818	1
Dibenzo(a,h)anthracene	ND		ug/l	2.00	0.687	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.00	0.633	1
Pyrene	ND		ug/l	2.00	0.728	1
4-Chloroaniline[1]	ND		ug/l	5.00	0.790	1
Dibenzofuran[1]	ND		ug/l	2.00	0.373	1
2-Methylnaphthalene[1]	ND		ug/l	2.00	0.351	1
n-Nitrosodimethylamine[1]	ND		ug/l	2.00	0.407	1
2,4,6-Trichlorophenol	ND		ug/l	5.00	0.607	1
p-Chloro-m-cresol[1]	ND		ug/l	2.00	0.533	1
2-Chlorophenol	ND		ug/l	2.00	0.513	1
2,4-Dichlorophenol	ND		ug/l	5.00	0.554	1
2,4-Dimethylphenol	ND		ug/l	5.00	0.851	1
2-Nitrophenol	ND		ug/l	5.00	0.604	1
4-Nitrophenol	ND		ug/l	10.0	0.834	1
2,4-Dinitrophenol	ND		ug/l	20.0	1.21	1
4,6-Dinitro-o-cresol	ND		ug/l	10.0	1.20	1
Pentachlorophenol	ND		ug/l	5.00	0.622	1
Phenol	ND		ug/l	5.00	0.262	1
2-Methylphenol[1]	ND		ug/l	5.00	0.773	1
3-Methylphenol/4-Methylphenol[1]	ND		ug/l	5.00	0.511	1
2,4,5-Trichlorophenol[1]	ND		ug/l	5.00	0.637	1
Benzoic Acid[1]	ND		ug/l	50.0	1.17	1
Benzyl Alcohol[1]	ND		ug/l	2.00	0.490	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2227756

Project Number: 11814 **Report Date:** 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-02 Date Collected: 05/25/22 11:30

Client ID: OUTFLOW-2 Date Received: 05/25/22

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		25-87
Phenol-d6	25		16-65
Nitrobenzene-d5	60		42-122
2-Fluorobiphenyl	62		46-121
2,4,6-Tribromophenol	72		45-128
4-Terphenyl-d14	72		47-138

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2227756
Report Date: 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-02
Client ID: OUTFLOW-2
Sample Location: WHITE PLAINS, NY

Date Collected: 05/25/22 11:30
Date Received: 05/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/08/22 02:15
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/07/22 07:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	3.66		ng/l	1.80	0.367	1
Perfluoropentanoic Acid (PFPeA)	0.673	J	ng/l	1.80	0.356	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.80	0.214	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.80	0.295	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.80	0.202	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.80	0.338	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.80	0.212	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.80	1.20	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.80	0.619	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.80	0.280	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.80	0.453	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.80	0.273	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.80	1.09	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.80	0.583	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.80	0.234	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.80	0.881	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.80	0.522	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.80	0.723	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.80	0.334	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.80	0.294	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.80	0.223	1
PFOA/PFOS, Total	ND		ng/l	1.80	0.212	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2227756

Project Number: 11814 **Report Date:** 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-02 Date Collected: 05/25/22 11:30

Client ID: OUTFLOW-2 Date Received: 05/25/22

Sample Location: WHITE PLAINS, 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)	94		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	113		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	101		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	103		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	95		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	71		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	93		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	105		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	94		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	82		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	81		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	93		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	21		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	75		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	94		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	85		22-136

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2227756
Project Number: 11814
Report Date: 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-09
Client ID: FB20220525
Sample Location: WHITE PLAINS, NY

Date Collected: 05/25/22 12:00
Date Received: 05/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/08/22 02:48
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/07/22 07:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.95	0.398	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.95	0.386	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.95	0.232	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.95	0.320	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.95	0.219	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.95	0.366	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.95	0.230	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.95	1.30	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.95	0.670	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.95	0.304	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.95	0.491	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.95	0.296	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.95	1.18	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.95	0.632	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.95	0.253	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.95	0.955	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.95	0.565	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.95	0.784	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.95	0.362	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.95	0.319	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.95	0.242	1
PFOA/PFOS, Total	ND		ng/l	1.95	0.230	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2227756

Project Number: 11814 **Report Date:** 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-09 Date Collected: 05/25/22 12:00

Client ID: FB20220525 Date Received: 05/25/22

Sample Location: WHITE PLAINS, 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)	104		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	107		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	106		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	112		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	109		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	109		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	84		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	103		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	107		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	98		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	82		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	80		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	100		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	54		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	88		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	98		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	96		22-136

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2227756
Report Date: 06/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 05/27/22 19:30
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 05/27/22 08:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1643648-1					
Acenaphthene	ND		ug/l	2.00	0.407
Benzidine[1]	ND		ug/l	20.0	12.1
1,2,4-Trichlorobenzene	ND		ug/l	5.00	1.49
Hexachlorobenzene	ND		ug/l	2.00	0.952
Bis(2-chloroethyl)ether	ND		ug/l	2.00	0.600
2-Chloronaphthalene	ND		ug/l	2.00	0.319
3,3'-Dichlorobenzidine	ND		ug/l	5.00	0.457
2,4-Dinitrotoluene	ND		ug/l	5.00	0.636
2,6-Dinitrotoluene	ND		ug/l	5.00	0.631
Azobenzene[1]	ND		ug/l	2.00	0.889
Fluoranthene	ND		ug/l	2.00	0.736
4-Chlorophenyl phenyl ether	ND		ug/l	2.00	0.371
4-Bromophenyl phenyl ether	ND		ug/l	2.00	0.447
Bis(2-chloroisopropyl)ether	ND		ug/l	2.00	0.822
Bis(2-chloroethoxy)methane	ND		ug/l	5.00	0.585
Hexachlorobutadiene	ND		ug/l	2.00	0.921
Hexachlorocyclopentadiene[1]	ND		ug/l	10.0	1.36
Hexachloroethane	ND		ug/l	2.00	0.973
Isophorone	ND		ug/l	5.00	0.546
Naphthalene	ND		ug/l	2.00	0.896
Nitrobenzene	ND		ug/l	2.00	0.788
NDPA/DPA[1]	ND		ug/l	2.00	0.783
n-Nitrosodi-n-propylamine	ND		ug/l	5.00	0.630
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.20	1.70
Butyl benzyl phthalate	ND		ug/l	5.00	0.670
Di-n-butylphthalate	ND		ug/l	5.00	0.631
Di-n-octylphthalate	ND		ug/l	5.00	0.633
Diethyl phthalate	ND		ug/l	5.00	0.717
Dimethyl phthalate	ND		ug/l	5.00	1.40

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2227756
Report Date: 06/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 05/27/22 19:30
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 05/27/22 08:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1643648-1					
Benzo(a)anthracene	ND		ug/l	2.00	0.665
Benzo(a)pyrene	ND		ug/l	2.00	0.610
Benzo(b)fluoranthene	ND		ug/l	2.00	0.741
Benzo(k)fluoranthene	ND		ug/l	2.00	0.739
Chrysene	ND		ug/l	2.00	0.668
Acenaphthylene	ND		ug/l	2.00	0.930
Anthracene	ND		ug/l	2.00	0.791
Benzo(ghi)perylene	ND		ug/l	2.00	0.672
Fluorene	ND		ug/l	2.00	0.927
Phenanthrene	ND		ug/l	2.00	0.818
Dibenzo(a,h)anthracene	ND		ug/l	2.00	0.687
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.00	0.633
Pyrene	ND		ug/l	2.00	0.728
4-Chloroaniline[1]	ND		ug/l	5.00	0.790
Dibenzofuran[1]	ND		ug/l	2.00	0.373
2-Methylnaphthalene[1]	ND		ug/l	2.00	0.351
n-Nitrosodimethylamine[1]	ND		ug/l	2.00	0.407
2,4,6-Trichlorophenol	ND		ug/l	5.00	0.607
p-Chloro-m-cresol[1]	ND		ug/l	2.00	0.533
2-Chlorophenol	ND		ug/l	2.00	0.513
2,4-Dichlorophenol	ND		ug/l	5.00	0.554
2,4-Dimethylphenol	ND		ug/l	5.00	0.851
2-Nitrophenol	ND		ug/l	5.00	0.604
4-Nitrophenol	ND		ug/l	10.0	0.834
2,4-Dinitrophenol	ND		ug/l	20.0	1.21
4,6-Dinitro-o-cresol	ND		ug/l	10.0	1.20
Pentachlorophenol	ND		ug/l	5.00	0.622
Phenol	ND		ug/l	5.00	0.262
2-Methylphenol[1]	ND		ug/l	5.00	0.773

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2227756
Report Date: 06/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 05/27/22 19:30
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 05/27/22 08:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1643648-1					
3-Methylphenol/4-Methylphenol[1]	ND		ug/l	5.00	0.511
2,4,5-Trichlorophenol[1]	ND		ug/l	5.00	0.637
Benzoic Acid[1]	ND		ug/l	50.0	1.17
Benzyl Alcohol[1]	ND		ug/l	2.00	0.490

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-87
Phenol-d6	40		16-65
Nitrobenzene-d5	84		42-122
2-Fluorobiphenyl	84		46-121
2,4,6-Tribromophenol	96		45-128
4-Terphenyl-d14	90		47-138

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2227756
Report Date: 06/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/07/22 23:29
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/07/22 07:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-02,09 Batch: WG1647335-1					
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)	ND		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: 85 N. LEXINGTON AVE. **Lab Number:** L2227756

Project Number: 11814 **Report Date:** 06/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/07/22 23:29
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/07/22 07:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-02,09 Batch: WG1647335-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	102		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	101		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	99		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	107		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	106		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	95		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	95		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	96		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	99		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	116		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	91		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	96		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	62		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	90		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	99		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	96		22-136

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2227756

Report Date: 06/14/22

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 Batch: WG1643648-2								
Acenaphthene	78		-		60-132	-		48
Benzidine[1]	27		-		0-70	-		30
1,2,4-Trichlorobenzene	74		-		57-130	-		50
Hexachlorobenzene	83		-		8-142	-		55
Bis(2-chloroethyl)ether	77		-		43-126	-		108
2-Chloronaphthalene	76		-		65-120	-		24
3,3'-Dichlorobenzidine	46		-		8-213	-		108
2,4-Dinitrotoluene	86		-		48-127	-		42
2,6-Dinitrotoluene	88		-		68-137	-		48
Azobenzene[1]	79		-		44-115	-		23
Fluoranthene	82		-		43-121	-		66
4-Chlorophenyl phenyl ether	79		-		38-145	-		61
4-Bromophenyl phenyl ether	81		-		65-120	-		43
Bis(2-chloroisopropyl)ether	68		-		63-139	-		76
Bis(2-chloroethoxy)methane	84		-		49-165	-		54
Hexachlorobutadiene	62		-		38-120	-		62
Hexachlorocyclopentadiene[1]	25		-		7-118	-		35
Hexachloroethane	66		-		55-120	-		52
Isophorone	81		-		47-180	-		93
Naphthalene	73		-		36-120	-		65
Nitrobenzene	81		-		54-158	-		62
NDPA/DPA[1]	83		-		45-112	-		36
n-Nitrosodi-n-propylamine	77		-		14-198	-		87

Lab Control Sample Analysis
Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2227756
Report Date: 06/14/22

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 Batch: WG1643648-2								
Bis(2-ethylhexyl)phthalate	104		-		29-137	-		82
Butyl benzyl phthalate	100		-		1-140	-		60
Di-n-butylphthalate	97		-		8-120	-		47
Di-n-octylphthalate	107		-		19-132	-		69
Diethyl phthalate	88		-		1-120	-		100
Dimethyl phthalate	84		-		1-120	-		183
Benzo(a)anthracene	88		-		42-133	-		53
Benzo(a)pyrene	97		-		32-148	-		72
Benzo(b)fluoranthene	89		-		42-140	-		71
Benzo(k)fluoranthene	86		-		25-146	-		63
Chrysene	82		-		44-140	-		87
Acenaphthylene	84		-		54-126	-		74
Anthracene	82		-		43-120	-		66
Benzo(ghi)perylene	87		-		1-195	-		97
Fluorene	81		-		70-120	-		38
Phenanthrene	80		-		65-120	-		39
Dibenzo(a,h)anthracene	88		-		1-200	-		126
Indeno(1,2,3-cd)pyrene	90		-		1-151	-		99
Pyrene	81		-		70-120	-		49
4-Chloroaniline[1]	70		-		10-100	-		53
Dibenzofuran[1]	80		-		23-126	-		22
2-Methylnaphthalene[1]	75		-		40-109	-		18
n-Nitrosodimethylamine[1]	48		-		15-68	-		17

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2227756

Report Date: 06/14/22

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 Batch: WG1643648-2								
2,4,6-Trichlorophenol	87		-		52-129	-		58
p-Chloro-m-cresol[1]	85		-		68-130	-		73
2-Chlorophenol	85		-		36-120	-		61
2,4-Dichlorophenol	89		-		53-122	-		50
2,4-Dimethylphenol	90		-		42-120	-		58
2-Nitrophenol	93		-		45-167	-		55
4-Nitrophenol	43		-		13-129	-		131
2,4-Dinitrophenol	14		-		1-173	-		132
Pentachlorophenol	73		-		38-152	-		86
Phenol	44		-		17-120	-		64
2-Methylphenol[1]	80		-		38-102	-		23
3-Methylphenol/4-Methylphenol[1]	81		-		35-103	-		26
2,4,5-Trichlorophenol[1]	86		-		47-126	-		28
Benzoic Acid[1]	5		-		2-55	-		27
Benzyl Alcohol[1]	75		-		31-103	-		23

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	62				25-87
Phenol-d6	42				16-65
Nitrobenzene-d5	81				42-122
2-Fluorobiphenyl	81				46-121
2,4,6-Tribromophenol	98				45-128
4-Terphenyl-d14	86				47-138

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2227756

Report Date: 06/14/22

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 Batch: WG1643648-3								
4,6-Dinitro-o-cresol	59		-		56-130	-		203

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2227756

Report Date: 06/14/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02,09 Batch: WG1647335-2								
Perfluorobutanoic Acid (PFBA)	95		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	94		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	91		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	93		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	95		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	108		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	104		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	98		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	107		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	99		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	113		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	92		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	97		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	96		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	104		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	89		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	96		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	84		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	99		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	95		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	98		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2227756

Report Date: 06/14/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02,09 Batch: WG1647335-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	101				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	101				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	103				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	109				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	104				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	100				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	95				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	102				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	98				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	112				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	95				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	103				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	72				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	108				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	100				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	95				22-136

Matrix Spike Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2227756

Report Date: 06/14/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02,09 QC Batch ID: WG1647335-3 WG1647335-4 QC Sample: L2227749-01 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	16.7	36.8	48.7	87		52.0	94		67-148	7		30
Perfluoropentanoic Acid (PFPeA)	33.9	36.8	67.5	91		70.0	96		63-161	4		30
Perfluorobutanesulfonic Acid (PFBS)	11.5	32.6	39.4	86		43.8	97		65-157	11		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	34.5	31.5	91		36.2	103		37-219	14		30
Perfluorohexanoic Acid (PFHxA)	28.3	36.8	61.2	90		64.4	96		69-168	5		30
Perfluoropentanesulfonic Acid (PFPeS)	1.01J	34.6	30.2	84		34.0	93		52-156	12		30
Perfluoroheptanoic Acid (PFHpA)	19.0	36.8	53.2	93		56.8	101		58-159	7		30
Perfluorohexanesulfonic Acid (PFHxS)	4.24	33.6	37.4	99		42.5	112		69-177	13		30
Perfluorooctanoic Acid (PFOA)	154	36.8	193	106		194	107		63-159	1		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	35	31.7	91		35.7	100		49-187	12		30
Perfluoroheptanesulfonic Acid (PFHpS)	0.771J	35.1	37.4	104		39.6	109		61-179	6		30
Perfluorononanoic Acid (PFNA)	9.39	36.8	44.8	96		47.1	101		68-171	5		30
Perfluorooctanesulfonic Acid (PFOS)	56.9	34.1	90.0	97		93.6	105		52-151	4		30
Perfluorodecanoic Acid (PFDA)	0.981JF	36.8	32.5	86		37.6	98		63-171	15		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	35.3	30.2	86		40.8	113		56-173	30		30
Perfluorononanesulfonic Acid (PFNS)	ND	35.4	29.6	84		37.2	103		48-150	23		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	36.8	37.6	102		40.7	109		60-166	8		30
Perfluoroundecanoic Acid (PFUnA)	ND	36.8	36.5	99		42.7	114		60-153	16		30
Perfluorodecanesulfonic Acid (PFDS)	ND	35.5	25.8	73		28.4	78		38-156	10		30
Perfluorooctanesulfonamide (FOSA)	ND	36.8	33.4	91		36.8	98		46-170	10		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	36.8	30.8	84		37.2	99		45-170	19		30
Perfluorododecanoic Acid (PFDoA)	ND	36.8	32.9	90		35.7	95		67-153	8		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2227756

Report Date: 06/14/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02,09 QC Batch ID: WG1647335-3 WG1647335-4 QC Sample: L2227749-01 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	36.8	31.4	85		33.8	90		48-158	7		30
Perfluorotetradecanoic Acid (PFTA)	ND	36.8	35.0	95		37.0	99		59-182	6		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**196**	Q	160		10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	**215**	Q	**210**	Q	12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**239**	Q	**241**	Q	14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	89		75		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	79		74		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	85		79		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	85		83		62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	68		71		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	86		89		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103		102		71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	80		74		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	78		73		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	100		98		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	75		75		62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	37		35		10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92		95		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		90		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	93		99		59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	93		91		70-131

SEMIVOLATILES

High Resolution Mass Spectrometry

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2227756
Report Date: 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-01
Client ID: INFLOW-2
Sample Location: WHITE PLAINS, NY

Date Collected: 05/25/22 11:00
Date Received: 05/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 132,1613B
Analytical Date: 06/14/22 02:47
Analyst: PB

Extraction Method: EPA 1613B
Extraction Date: 06/01/22 16:25
Cleanup Method: EPA 1613B
Cleanup Date: 06/06/22

Parameter	Result	Qualifier	EMPC	Units	RL	MDL	Dilution Factor
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab							
2,3,7,8-TCDD	ND			pg/l	9.65	2.01	1
1,2,3,7,8-PeCDD	ND			pg/l	48.3	10.0	1
1,2,3,4,7,8-HxCDD	ND			pg/l	48.3	12.1	1
1,2,3,6,7,8-HxCDD	ND			pg/l	48.3	15.0	1
1,2,3,7,8,9-HxCDD	ND			pg/l	48.3	14.1	1
1,2,3,4,6,7,8-HpCDD	ND			pg/l	48.3	14.0	1
OCDD	ND			pg/l	96.5	24.5	1
2,3,7,8-TCDF	ND			pg/l	9.65	2.95	1
1,2,3,7,8-PeCDF	ND			pg/l	48.3	6.76	1
2,3,4,7,8-PeCDF	ND			pg/l	48.3	10.1	1
1,2,3,4,7,8-HxCDF	ND			pg/l	48.3	10.7	1
1,2,3,6,7,8-HxCDF	ND			pg/l	48.3	15.4	1
1,2,3,7,8,9-HxCDF	ND			pg/l	48.3	15.9	1
2,3,4,6,7,8-HxCDF	ND			pg/l	48.3	15.3	1
1,2,3,4,6,7,8-HpCDF	ND			pg/l	48.3	13.0	1
1,2,3,4,7,8,9-HpCDF	ND			pg/l	48.3	12.3	1
OCDF	ND			pg/l	96.5	31.3	1
Total TCDD	ND			pg/l	9.65	2.01	1
Total PeCDD	ND			pg/l	48.3	10.0	1
Total HxCDD	ND			pg/l	48.3	12.1	1
Total HpCDD	ND			pg/l	48.3	14.0	1
Total TCDF	ND			pg/l	9.65	2.95	1
Total PeCDF	ND			pg/l	48.3	6.76	1
Total HxCDF	ND			pg/l	48.3	10.7	1
Total HpCDF	ND			pg/l	48.3	13.0	1
Total PCDD	ND			pg/l	9.65	2.01	1
Total PCDF	ND			pg/l	9.65	2.95	1
Toxic Equivalency (TEQ)	ND			pg/l	0.029	0.029	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2227756

Project Number: 11814 **Report Date:** 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-01 Date Collected: 05/25/22 11:00

Client ID: INFLOW-2 Date Received: 05/25/22

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	EMPC	Units	RL	MDL	Dilution Factor

Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab

Surrogate/Cleanup Standard	% Recovery	Qualifier	Acceptance Criteria
13C12-2,3,7,8-TCDF	61		24-169
13C12-2,3,7,8-TCDD	55		25-164
13C12-1,2,3,7,8-PeCDF	72		24-185
13C12-2,3,4,7,8-PeCDF	70		21-178
13C12-1,2,3,7,8-PeCDD	65		25-181
13C12-1,2,3,4,7,8-HxCDF	69		26-152
13C12-1,2,3,6,7,8-HxCDF	63		26-123
13C12-2,3,4,6,7,8-HxCDF	62		28-136
13C12-1,2,3,7,8,9-HxCDF	66		29-147
13C12-1,2,3,4,7,8-HxCDD	55		32-141
13C12-1,2,3,6,7,8-HxCDD	58		28-130
13C12-1,2,3,4,6,7,8-HpCDF	59		28-143
13C12-1,2,3,4,7,8,9-HpCDF	60		26-138
13C12-1,2,3,4,6,7,8-HpCDD	61		23-140
13C12-OCDD	53		17-157
37CL4-2,3,7,8-TCDD	126		35-197

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2227756
Report Date: 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-02
Client ID: OUTFLOW-2
Sample Location: WHITE PLAINS, NY

Date Collected: 05/25/22 11:30
Date Received: 05/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 132,1613B
Analytical Date: 06/14/22 03:51
Analyst: PB

Extraction Method: EPA 1613B
Extraction Date: 06/01/22 16:25
Cleanup Method: EPA 1613B
Cleanup Date: 06/06/22

Parameter	Result	Qualifier	EMPC	Units	RL	MDL	Dilution Factor
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab							
2,3,7,8-TCDD	ND			pg/l	9.78	2.04	1
1,2,3,7,8-PeCDD	ND			pg/l	48.9	10.2	1
1,2,3,4,7,8-HxCDD	ND			pg/l	48.9	12.3	1
1,2,3,6,7,8-HxCDD	ND			pg/l	48.9	15.2	1
1,2,3,7,8,9-HxCDD	ND			pg/l	48.9	14.3	1
1,2,3,4,6,7,8-HpCDD	ND			pg/l	48.9	14.2	1
OCDD	ND			pg/l	97.8	24.8	1
2,3,7,8-TCDF	ND			pg/l	9.78	2.99	1
1,2,3,7,8-PeCDF	ND			pg/l	48.9	6.85	1
2,3,4,7,8-PeCDF	ND			pg/l	48.9	10.2	1
1,2,3,4,7,8-HxCDF	ND			pg/l	48.9	10.9	1
1,2,3,6,7,8-HxCDF	ND			pg/l	48.9	15.6	1
1,2,3,7,8,9-HxCDF	ND			pg/l	48.9	16.1	1
2,3,4,6,7,8-HxCDF	ND			pg/l	48.9	15.5	1
1,2,3,4,6,7,8-HpCDF	ND			pg/l	48.9	13.1	1
1,2,3,4,7,8,9-HpCDF	ND			pg/l	48.9	12.4	1
OCDF	ND			pg/l	97.8	31.7	1
Total TCDD	ND			pg/l	9.78	2.04	1
Total PeCDD	ND			pg/l	48.9	10.2	1
Total HxCDD	ND			pg/l	48.9	12.3	1
Total HpCDD	ND			pg/l	48.9	14.2	1
Total TCDF	ND			pg/l	9.78	2.99	1
Total PeCDF	ND			pg/l	48.9	6.85	1
Total HxCDF	ND			pg/l	48.9	10.9	1
Total HpCDF	ND			pg/l	48.9	13.1	1
Total PCDD	ND			pg/l	9.78	2.04	1
Total PCDF	ND			pg/l	9.78	2.99	1
Toxic Equivalency (TEQ)	ND			pg/l	0.029	0.029	1

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2227756

Project Number: 11814 **Report Date:** 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-02 Date Collected: 05/25/22 11:30

Client ID: OUTFLOW-2 Date Received: 05/25/22

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	EMPC	Units	RL	MDL	Dilution Factor
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab							

Surrogate/Cleanup Standard	% Recovery	Qualifier	Acceptance Criteria
13C12-2,3,7,8-TCDF	66		24-169
13C12-2,3,7,8-TCDD	61		25-164
13C12-1,2,3,7,8-PeCDF	83		24-185
13C12-2,3,4,7,8-PeCDF	81		21-178
13C12-1,2,3,7,8-PeCDD	72		25-181
13C12-1,2,3,4,7,8-HxCDF	78		26-152
13C12-1,2,3,6,7,8-HxCDF	72		26-123
13C12-2,3,4,6,7,8-HxCDF	73		28-136
13C12-1,2,3,7,8,9-HxCDF	75		29-147
13C12-1,2,3,4,7,8-HxCDD	65		32-141
13C12-1,2,3,6,7,8-HxCDD	65		28-130
13C12-1,2,3,4,6,7,8-HpCDF	67		28-143
13C12-1,2,3,4,7,8,9-HpCDF	66		26-138
13C12-1,2,3,4,6,7,8-HpCDD	69		23-140
13C12-OCDD	58		17-157
37CL4-2,3,7,8-TCDD	130		35-197

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2227756
Report Date: 06/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 132,1613B
Analytical Date: 06/13/22 17:10
Analyst: PB

Extraction Method: EPA 1613B
Extraction Date: 06/01/22 16:25
Cleanup Method: EPA 1613B
Cleanup Date: 06/06/22

Parameter	Result	Qualifier	EMPC	Units	RL	MDL
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab for sample(s): 01-02 Batch: WG1645352-1						
2,3,7,8-TCDD	ND			pg/l	10.0	2.08
1,2,3,7,8-PeCDD	ND			pg/l	50.0	10.4
1,2,3,4,7,8-HxCDD	ND			pg/l	50.0	12.5
1,2,3,6,7,8-HxCDD	ND			pg/l	50.0	15.6
1,2,3,7,8,9-HxCDD	ND			pg/l	50.0	14.6
1,2,3,4,6,7,8-HpCDD	ND			pg/l	50.0	14.5
OCDD	ND			pg/l	100	25.4
2,3,7,8-TCDF	ND			pg/l	10.0	3.06
1,2,3,7,8-PeCDF	ND			pg/l	50.0	7.00
2,3,4,7,8-PeCDF	ND			pg/l	50.0	10.5
1,2,3,4,7,8-HxCDF	ND			pg/l	50.0	11.1
1,2,3,6,7,8-HxCDF	ND			pg/l	50.0	15.9
1,2,3,7,8,9-HxCDF	ND			pg/l	50.0	16.5
2,3,4,6,7,8-HxCDF	ND			pg/l	50.0	15.8
1,2,3,4,6,7,8-HpCDF	ND			pg/l	50.0	13.4
1,2,3,4,7,8,9-HpCDF	ND			pg/l	50.0	12.7
OCDF	ND			pg/l	100	32.4
Total TCDD	ND			pg/l	10.0	2.08
Total PeCDD	ND			pg/l	50.0	10.4
Total HxCDD	ND			pg/l	50.0	12.5
Total HpCDD	ND			pg/l	50.0	14.5
Total TCDF	ND			pg/l	10.0	3.06
Total PeCDF	ND			pg/l	50.0	7.00
Total HxCDF	ND			pg/l	50.0	11.1
Total HpCDF	ND			pg/l	50.0	13.4
Total PCDD	ND			pg/l	10.0	2.08
Total PCDF	ND			pg/l	10.0	3.06
Toxic Equivalency (TEQ)	ND			pg/l	0.030	0.030

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2227756
Report Date: 06/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 132,1613B
Analytical Date: 06/13/22 17:10
Analyst: PB

Extraction Method: EPA 1613B
Extraction Date: 06/01/22 16:25
Cleanup Method: EPA 1613B
Cleanup Date: 06/06/22

Parameter	Result	Qualifier	EMPC	Units	RL	MDL
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab for sample(s): 01-02 Batch: WG1645352-1						

Surrogate/Cleanup Standard	%Recovery	Qualifier	Acceptance Criteria
13C12-2,3,7,8-TCDF	70		24-169
13C12-2,3,7,8-TCDD	68		25-164
13C12-1,2,3,7,8-PeCDF	82		24-185
13C12-2,3,4,7,8-PeCDF	80		21-178
13C12-1,2,3,7,8-PeCDD	73		25-181
13C12-1,2,3,4,7,8-HxCDF	78		26-152
13C12-1,2,3,6,7,8-HxCDF	71		26-123
13C12-2,3,4,6,7,8-HxCDF	76		28-136
13C12-1,2,3,7,8,9-HxCDF	78		29-147
13C12-1,2,3,4,7,8-HxCDD	68		32-141
13C12-1,2,3,6,7,8-HxCDD	69		28-130
13C12-1,2,3,4,6,7,8-HpCDF	70		28-143
13C12-1,2,3,4,7,8,9-HpCDF	74		26-138
13C12-1,2,3,4,6,7,8-HpCDD	75		23-140
13C12-OCDD	68		17-157
37CL4-2,3,7,8-TCDD	122		35-197

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2227756

Report Date: 06/14/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab Associated sample(s): 01-02 Batch: WG1645352-2 WG1645352-3								
2,3,7,8-TCDD	90		90		67-158	0		25
1,2,3,7,8-PeCDD	113		111		70-142	2		25
1,2,3,4,7,8-HxCDD	110		107		70-164	3		25
1,2,3,6,7,8-HxCDD	105		105		76-134	0		25
1,2,3,7,8,9-HxCDD	119		118		64-162	1		25
1,2,3,4,6,7,8-HpCDD	99		97		70-140	2		25
OCDD	112		111		78-144	1		25
2,3,7,8-TCDF	96		95		75-158	1		25
1,2,3,7,8-PeCDF	111		103		80-134	7		25
2,3,4,7,8-PeCDF	99		97		68-160	2		25
1,2,3,4,7,8-HxCDF	98		95		72-134	3		25
1,2,3,6,7,8-HxCDF	99		103		84-130	4		25
1,2,3,7,8,9-HxCDF	105		104		78-130	1		25
2,3,4,6,7,8-HxCDF	101		96		70-156	5		25
1,2,3,4,6,7,8-HpCDF	104		100		82-122	4		25
1,2,3,4,7,8,9-HpCDF	105		101		78-138	4		25
OCDF	120		120		63-170	0		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2227756

Report Date: 06/14/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab Associated sample(s): 01-02 Batch: WG1645352-2 WG1645352-3								

Surrogate/Cleanup Standard	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
13C12-2,3,7,8-TCDF	57		61		24-169
13C12-2,3,7,8-TCDD	57		61		25-164
13C12-1,2,3,7,8-PeCDF	73		79		24-185
13C12-2,3,4,7,8-PeCDF	74		78		21-178
13C12-1,2,3,7,8-PeCDD	65		70		25-181
13C12-1,2,3,4,7,8-HxCDF	69		75		26-152
13C12-1,2,3,6,7,8-HxCDF	65		68		26-123
13C12-2,3,4,6,7,8-HxCDF	67		74		28-136
13C12-1,2,3,7,8,9-HxCDF	69		75		29-147
13C12-1,2,3,4,7,8-HxCDD	61		66		32-141
13C12-1,2,3,6,7,8-HxCDD	60		65		28-130
13C12-1,2,3,4,6,7,8-HpCDF	61		65		28-143
13C12-1,2,3,4,7,8,9-HpCDF	65		72		26-138
13C12-1,2,3,4,6,7,8-HpCDD	66		72		23-140
13C12-OCDD	60		63		17-157
37CL4-2,3,7,8-TCDD	116		118		35-197

PCBS

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2227756
Report Date: 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-01
Client ID: INFLOW-2
Sample Location: WHITE PLAINS, NY

Date Collected: 05/25/22 11:00
Date Received: 05/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 127,608.3
Analytical Date: 05/28/22 10:48
Analyst: JM

Extraction Method: EPA 608.3
Extraction Date: 05/26/22 21:56
Cleanup Method: EPA 3665A
Cleanup Date: 05/27/22
Cleanup Method: EPA 3660B
Cleanup Date: 05/27/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.250	0.016	1	A
Aroclor 1221	ND		ug/l	0.250	0.022	1	A
Aroclor 1232	ND		ug/l	0.250	0.046	1	A
Aroclor 1242	ND		ug/l	0.250	0.036	1	A
Aroclor 1248	ND		ug/l	0.250	0.046	1	A
Aroclor 1254	ND		ug/l	0.250	0.017	1	A
Aroclor 1260	ND		ug/l	0.200	0.034	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		37-123	B
Decachlorobiphenyl	75		38-114	B
2,4,5,6-Tetrachloro-m-xylene	73		37-123	A
Decachlorobiphenyl	76		38-114	A

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2227756
Report Date: 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-02
Client ID: OUTFLOW-2
Sample Location: WHITE PLAINS, NY

Date Collected: 05/25/22 11:30
Date Received: 05/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 127,608.3
Analytical Date: 05/28/22 10:56
Analyst: JM

Extraction Method: EPA 608.3
Extraction Date: 05/26/22 21:56
Cleanup Method: EPA 3665A
Cleanup Date: 05/27/22
Cleanup Method: EPA 3660B
Cleanup Date: 05/27/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.250	0.016	1	A
Aroclor 1221	ND		ug/l	0.250	0.022	1	A
Aroclor 1232	ND		ug/l	0.250	0.046	1	A
Aroclor 1242	ND		ug/l	0.250	0.036	1	A
Aroclor 1248	ND		ug/l	0.250	0.046	1	A
Aroclor 1254	ND		ug/l	0.250	0.017	1	A
Aroclor 1260	ND		ug/l	0.200	0.034	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		37-123	B
Decachlorobiphenyl	78		38-114	B
2,4,5,6-Tetrachloro-m-xylene	76		37-123	A
Decachlorobiphenyl	79		38-114	A

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2227756
Report Date: 06/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 127,608.3
Analytical Date: 05/28/22 10:16
Analyst: JM

Extraction Method: EPA 608.3
Extraction Date: 05/26/22 21:56
Cleanup Method: EPA 3665A
Cleanup Date: 05/27/22
Cleanup Method: EPA 3660B
Cleanup Date: 05/27/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1643509-1						
Aroclor 1016	ND		ug/l	0.250	0.016	A
Aroclor 1221	ND		ug/l	0.250	0.022	A
Aroclor 1232	ND		ug/l	0.250	0.046	A
Aroclor 1242	ND		ug/l	0.250	0.036	A
Aroclor 1248	ND		ug/l	0.250	0.046	A
Aroclor 1254	ND		ug/l	0.250	0.017	A
Aroclor 1260	ND		ug/l	0.200	0.034	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		37-123	B
Decachlorobiphenyl	75		38-114	B
2,4,5,6-Tetrachloro-m-xylene	75		37-123	A
Decachlorobiphenyl	78		38-114	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2227756

Report Date: 06/14/22

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 Batch: WG1643509-2									
Aroclor 1016	85		-		50-140	-		36	A
Aroclor 1260	78		-		8-140	-		38	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79				37-123	B
Decachlorobiphenyl	75				38-114	B
2,4,5,6-Tetrachloro-m-xylene	78				37-123	A
Decachlorobiphenyl	76				38-114	A

PESTICIDES

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2227756
Project Number: 11814
Report Date: 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-01
Client ID: INFLOW-2
Sample Location: WHITE PLAINS, NY

Date Collected: 05/25/22 11:00
Date Received: 05/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 127,608.3
Analytical Date: 05/31/22 14:36
Analyst: AKM

Extraction Method: EPA 608.3
Extraction Date: 05/28/22 09:26
Cleanup Method: EPA 3620B
Cleanup Date: 05/29/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.003	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.009	1	A
Heptachlor	ND		ug/l	0.020	0.005	1	A
Aldrin	ND		ug/l	0.020	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.007	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.017	1	A
Endrin ketone[1]	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.003	1	A
4,4'-DDE	ND		ug/l	0.040	0.003	1	A
4,4'-DDD	ND		ug/l	0.040	0.008	1	A
4,4'-DDT	ND		ug/l	0.040	0.008	1	A
Endosulfan I	ND		ug/l	0.020	0.008	1	A
Endosulfan II	ND		ug/l	0.040	0.003	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.017	1	A
Methoxychlor[1]	ND		ug/l	0.100	0.008	1	A
Toxaphene	ND		ug/l	0.400	0.126	1	A
Chlordane	ND		ug/l	0.200	0.042	1	A
cis-Chlordane[1]	ND		ug/l	0.020	0.005	1	A
trans-Chlordane[1]	ND		ug/l	0.020	0.008	1	A

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2227756

Project Number: 11814 **Report Date:** 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-01 Date Collected: 05/25/22 11:00

Client ID: INFLOW-2 Date Received: 05/25/22

Sample Location: WHITE PLAINS, 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	54		47-124	A
Decachlorobiphenyl	75		32-167	A
2,4,5,6-Tetrachloro-m-xylene	54		47-124	B
Decachlorobiphenyl	85		32-167	B

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2227756
Project Number: 11814
Report Date: 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-02
Client ID: OUTFLOW-2
Sample Location: WHITE PLAINS, NY

Date Collected: 05/25/22 11:30
Date Received: 05/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 127,608.3
Analytical Date: 05/31/22 14:47
Analyst: AKM

Extraction Method: EPA 608.3
Extraction Date: 05/28/22 09:26
Cleanup Method: EPA 3620B
Cleanup Date: 05/29/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.003	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.009	1	A
Heptachlor	ND		ug/l	0.020	0.005	1	A
Aldrin	ND		ug/l	0.020	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.007	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.017	1	A
Endrin ketone[1]	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.003	1	A
4,4'-DDE	ND		ug/l	0.040	0.003	1	A
4,4'-DDD	ND		ug/l	0.040	0.008	1	A
4,4'-DDT	ND		ug/l	0.040	0.008	1	A
Endosulfan I	ND		ug/l	0.020	0.008	1	A
Endosulfan II	ND		ug/l	0.040	0.003	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.017	1	A
Methoxychlor[1]	ND		ug/l	0.100	0.008	1	A
Toxaphene	ND		ug/l	0.400	0.126	1	A
Chlordane	ND		ug/l	0.200	0.042	1	A
cis-Chlordane[1]	ND		ug/l	0.020	0.005	1	A
trans-Chlordane[1]	ND		ug/l	0.020	0.008	1	A

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2227756
Project Number: 11814
Report Date: 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-02
Client ID: OUTFLOW-2
Sample Location: WHITE PLAINS, NY
Date Collected: 05/25/22 11:30
Date Received: 05/25/22
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	63		47-124	A
Decachlorobiphenyl	85		32-167	A
2,4,5,6-Tetrachloro-m-xylene	62		47-124	B
Decachlorobiphenyl	96		32-167	B

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2227756
Report Date: 06/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 127,608.3
Analytical Date: 05/31/22 15:30
Analyst: AKM

Extraction Method: EPA 608.3
Extraction Date: 05/28/22 09:26
Cleanup Method: EPA 3620B
Cleanup Date: 05/29/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1644079-1						
Delta-BHC	ND		ug/l	0.020	0.005	A
Lindane	ND		ug/l	0.020	0.003	A
Alpha-BHC	ND		ug/l	0.020	0.004	A
Beta-BHC	ND		ug/l	0.020	0.009	A
Heptachlor	ND		ug/l	0.020	0.005	A
Aldrin	ND		ug/l	0.020	0.005	A
Heptachlor epoxide	ND		ug/l	0.020	0.007	A
Endrin	ND		ug/l	0.040	0.004	A
Endrin aldehyde	ND		ug/l	0.040	0.017	A
Endrin ketone[1]	ND		ug/l	0.040	0.005	A
Dieldrin	ND		ug/l	0.040	0.003	A
4,4'-DDE	ND		ug/l	0.040	0.003	A
4,4'-DDD	ND		ug/l	0.040	0.008	A
4,4'-DDT	ND		ug/l	0.040	0.008	A
Endosulfan I	ND		ug/l	0.020	0.008	A
Endosulfan II	ND		ug/l	0.040	0.003	A
Endosulfan sulfate	ND		ug/l	0.040	0.017	A
Methoxychlor[1]	ND		ug/l	0.100	0.008	A
Toxaphene	ND		ug/l	0.400	0.126	A
Chlordane	ND		ug/l	0.200	0.042	A
cis-Chlordane[1]	ND		ug/l	0.020	0.005	A
trans-Chlordane[1]	ND		ug/l	0.020	0.008	A

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2227756
Report Date: 06/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 127,608.3
Analytical Date: 05/31/22 15:30
Analyst: AKM

Extraction Method: EPA 608.3
Extraction Date: 05/28/22 09:26
Cleanup Method: EPA 3620B
Cleanup Date: 05/29/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1644079-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**46**	Q	47-124	A
Decachlorobiphenyl	72		32-167	A
2,4,5,6-Tetrachloro-m-xylene	48		47-124	B
Decachlorobiphenyl	81		32-167	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2227756

Report Date: 06/14/22

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 Batch: WG1644079-2									
Delta-BHC	76		-		19-140	-		52	A
Lindane	80		-		32-140	-		39	A
Alpha-BHC	82		-		37-140	-		36	A
Beta-BHC	83		-		17-147	-		44	A
Heptachlor	74		-		34-140	-		43	A
Aldrin	68		-		42-140	-		35	A
Heptachlor epoxide	76		-		37-142	-		26	A
Endrin	83		-		30-147	-		48	A
Endrin aldehyde	58		-		30-150	-		30	A
Endrin ketone[1]	76		-		30-150	-		30	A
Dieldrin	85		-		36-146	-		49	A
4,4'-DDE	78		-		30-145	-		35	A
4,4'-DDD	84		-		31-141	-		39	A
4,4'-DDT	82		-		25-160	-		42	A
Endosulfan I	77		-		45-153	-		28	A
Endosulfan II	80		-		1-202	-		53	A
Endosulfan sulfate	55		-		26-144	-		38	A
Methoxychlor[1]	84		-		30-150	-		30	A
cis-Chlordane[1]	70		-		45-140	-		35	A
trans-Chlordane[1]	79		-		45-140	-		35	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2227756

Report Date: 06/14/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1644079-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55				47-124	A
Decachlorobiphenyl	86				32-167	A
2,4,5,6-Tetrachloro-m-xylene	57				47-124	B
Decachlorobiphenyl	97				32-167	B

METALS

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2227756
Project Number: 11814
Report Date: 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-01
Client ID: INFLOW-2
Sample Location: WHITE PLAINS, NY
Date Collected: 05/25/22 11:00
Date Received: 05/25/22
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											
Arsenic, Total	ND		mg/l	0.005	0.002	1	06/01/22 17:23	06/02/22 17:31	EPA 3005A	1,6010D	BV
Barium, Total	0.480		mg/l	0.010	0.002	1	06/01/22 17:23	06/02/22 17:31	EPA 3005A	1,6010D	BV
Cadmium, Total	ND		mg/l	0.005	0.001	1	06/01/22 17:23	06/02/22 17:31	EPA 3005A	1,6010D	BV
Chromium, Total	ND		mg/l	0.010	0.002	1	06/01/22 17:23	06/02/22 17:31	EPA 3005A	1,6010D	BV
Lead, Total	ND		mg/l	0.010	0.003	1	06/01/22 17:23	06/02/22 17:31	EPA 3005A	1,6010D	BV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/01/22 19:24	06/02/22 07:27	EPA 7470A	1,7470A	DMB
Selenium, Total	ND		mg/l	0.010	0.004	1	06/01/22 17:23	06/02/22 17:31	EPA 3005A	1,6010D	BV
Silver, Total	ND		mg/l	0.007	0.003	1	06/01/22 17:23	06/02/22 17:31	EPA 3005A	1,6010D	BV

Project Name: 85 N. LEXINGTON AVE.
Lab Number: L2227756
Project Number: 11814
Report Date: 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-02
Client ID: OUTFLOW-2
Sample Location: WHITE PLAINS, NY
Date Collected: 05/25/22 11:30
Date Received: 05/25/22
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											
Arsenic, Total	0.002	J	mg/l	0.005	0.002	1	06/01/22 17:23	06/02/22 17:35	EPA 3005A	1,6010D	BV
Barium, Total	0.457		mg/l	0.010	0.002	1	06/01/22 17:23	06/02/22 17:35	EPA 3005A	1,6010D	BV
Cadmium, Total	ND		mg/l	0.005	0.001	1	06/01/22 17:23	06/02/22 17:35	EPA 3005A	1,6010D	BV
Chromium, Total	ND		mg/l	0.010	0.002	1	06/01/22 17:23	06/02/22 17:35	EPA 3005A	1,6010D	BV
Lead, Total	ND		mg/l	0.010	0.003	1	06/01/22 17:23	06/02/22 17:35	EPA 3005A	1,6010D	BV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/01/22 19:24	06/02/22 07:30	EPA 7470A	1,7470A	DMB
Selenium, Total	ND		mg/l	0.010	0.004	1	06/01/22 17:23	06/02/22 17:35	EPA 3005A	1,6010D	BV
Silver, Total	ND		mg/l	0.007	0.003	1	06/01/22 17:23	06/02/22 17:35	EPA 3005A	1,6010D	BV

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2227756
Report Date: 06/14/22

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 Batch: WG1645195-1										
Arsenic, Total	ND		mg/l	0.005	0.002	1	06/01/22 17:23	06/02/22 16:10	1,6010D	BV
Barium, Total	ND		mg/l	0.010	0.002	1	06/01/22 17:23	06/02/22 16:10	1,6010D	BV
Cadmium, Total	ND		mg/l	0.005	0.001	1	06/01/22 17:23	06/02/22 16:10	1,6010D	BV
Chromium, Total	ND		mg/l	0.010	0.002	1	06/01/22 17:23	06/02/22 16:10	1,6010D	BV
Lead, Total	ND		mg/l	0.010	0.003	1	06/01/22 17:23	06/02/22 16:10	1,6010D	BV
Selenium, Total	ND		mg/l	0.010	0.004	1	06/01/22 17:23	06/02/22 16:10	1,6010D	BV
Silver, Total	ND		mg/l	0.007	0.003	1	06/01/22 17:23	06/02/22 16:10	1,6010D	BV

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): 01-02 Batch: WG1645203-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/01/22 19:24	06/02/22 07:10	1,7470A	DMB

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2227756

Report Date: 06/14/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1645195-2								
Arsenic, Total	108		-		80-120	-		
Barium, Total	98		-		80-120	-		
Cadmium, Total	100		-		80-120	-		
Chromium, Total	96		-		80-120	-		
Lead, Total	102		-		80-120	-		
Selenium, Total	104		-		80-120	-		
Silver, Total	98		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1645203-2								
Mercury, Total	97		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814

Lab Number: L2227756
Report Date: 06/14/22

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 QC Batch ID: WG1645195-3 QC Sample: L2225209-01 Client ID: MS Sample												
Arsenic, Total	0.003J	0.12	0.137	114		-	-		75-125	-		20
Barium, Total	0.048	2	2.02	99		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.053	100		-	-		75-125	-		20
Chromium, Total	ND	0.2	0.197	98		-	-		75-125	-		20
Lead, Total	ND	0.53	0.526	99		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.132	110		-	-		75-125	-		20
Silver, Total	ND	0.05	0.050	100		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1645203-3 QC Sample: L2224967-01 Client ID: MS Sample												
Mercury, Total	0.00059J	0.025	0.02194	88		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2227756

Report Date: 06/14/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1645203-4 QC Sample: L2224967-01 Client ID: DUP Sample						
Mercury, Total	0.00059J	0.00060J	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2227756
Report Date: 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-01
Client ID: INFLOW-2
Sample Location: WHITE PLAINS, NY
Sample Depth:
Matrix: Water

Date Collected: 05/25/22 11:00
Date Received: 05/25/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
pH (H)	7.8		SU	-	NA	1	-	05/31/22 19:34	1,9040C	AS
Oil & Grease, Hem-Grav	5.1		mg/l	4.0	4.0	1	06/01/22 11:00	06/01/22 13:30	140,1664B	DE
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/26/22 08:48	05/26/22 09:06	1,7196A	CL

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2227756
Report Date: 06/14/22

SAMPLE RESULTS

Lab ID: L2227756-02
Client ID: OUTFLOW-2
Sample Location: WHITE PLAINS, NY
Sample Depth:
Matrix: Water

Date Collected: 05/25/22 11:30
Date Received: 05/25/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
pH (H)	8.0		SU	-	NA	1	-	05/31/22 19:34	1,9040C	AS
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/01/22 11:00	06/01/22 13:30	140,1664B	DE
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/26/22 08:48	05/26/22 09:07	1,7196A	CL

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814
Lab Number: L2227756
Report Date: 06/14/22

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): 01-02 Batch: WG1643189-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	05/26/22 08:48	05/26/22 09:00	1,7196A	CL
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1645162-1										
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/01/22 11:00	06/01/22 13:30	140,1664B	DE

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2227756

Report Date: 06/14/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1643189-2								
Chromium, Hexavalent	101		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1644844-1								
pH	100		-		99-101	-		5
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1645162-2								
Oil & Grease, Hem-Grav	92		-		78-114	-		18

Matrix Spike Analysis
Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814

Lab Number: L2227756
Report Date: 06/14/22

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): 01-02 QC Batch ID: WG1643189-4 QC Sample: L2227756-02 Client ID: OUTFLOW-2												
Chromium, Hexavalent	ND	0.1	0.102	102		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1645162-4 QC Sample: L2226490-01 Client ID: MS Sample												
Oil & Grease, Hem-Grav	ND	37.7	31	82		-	-		78-114	-		18

Lab Duplicate Analysis

Batch Quality Control

Project Name: 85 N. LEXINGTON AVE.

Project Number: 11814

Lab Number: L2227756

Report Date: 06/14/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1643189-3 QC Sample: L2227756-01 Client ID: INFLOW-2						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1644844-2 QC Sample: L2227333-01 Client ID: DUP Sample						
pH	7.6	7.4	SU	3		5
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1645162-3 QC Sample: L2225943-01 Client ID: DUP Sample						
Oil & Grease, Hem-Grav	ND	ND	mg/l	NC		18

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814

Lab Number: L2227756
Report Date: 06/14/22

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(*)
L2227756-01A	Vial Na2S2O3 preserved	B	NA		2.2	Y	Absent		624.1(3)
L2227756-01B	Vial Na2S2O3 preserved	B	NA		2.2	Y	Absent		624.1(3)
L2227756-01C	Vial Na2S2O3 preserved	B	NA		2.2	Y	Absent		624.1(3)
L2227756-01D	Plastic 250ml unpreserved	B	7	7	2.2	Y	Absent		HEXCR-7196(1),PH-9040(1)
L2227756-01E	Plastic 250ml HNO3 preserved	B	<2	<2	2.2	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2227756-01F	Plastic 250ml unpreserved	A	NA		2.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2227756-01G	Plastic 250ml unpreserved	A	NA		2.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2227756-01H	Amber 500ml unpreserved	B	7	7	2.2	Y	Absent		A2-DIOXIN-1613(365)
L2227756-01I	Amber 500ml unpreserved	B	7	7	2.2	Y	Absent		A2-DIOXIN-1613(365)
L2227756-01J	Amber 1000ml Na2S2O3	B	7	7	2.2	Y	Absent		625.1(7)
L2227756-01K	Amber 1000ml Na2S2O3	B	7	7	2.2	Y	Absent		625.1(7)
L2227756-01L	Amber 1000ml Na2S2O3	B	7	7	2.2	Y	Absent		PESTICIDE-608.3(7)
L2227756-01M	Amber 1000ml Na2S2O3	B	7	7	2.2	Y	Absent		PESTICIDE-608.3(7)
L2227756-01N	Amber 1000ml Na2S2O3	B	7	7	2.2	Y	Absent		PCB-608.3(365)
L2227756-01O	Amber 1000ml Na2S2O3	B	7	7	2.2	Y	Absent		PCB-608.3(365)
L2227756-01P	Amber 1000ml HCl preserved	B	NA		2.2	Y	Absent		OG-1664(28)
L2227756-01Q	Amber 1000ml HCl preserved	B	NA		2.2	Y	Absent		OG-1664(28)
L2227756-02A	Vial Na2S2O3 preserved	A	NA		2.7	Y	Absent		624.1(3)
L2227756-02B	Vial Na2S2O3 preserved	A	NA		2.7	Y	Absent		624.1(3)
L2227756-02D	Plastic 250ml unpreserved	A	7	7	2.7	Y	Absent		HEXCR-7196(1),PH-9040(1)

*Values in parentheses indicate holding time in days

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814

Lab Number: L2227756
Report Date: 06/14/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2227756-02E	Plastic 250ml HNO3 preserved	A	<2	<2	2.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2227756-02F	Plastic 250ml unpreserved	A	NA		2.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2227756-02G	Plastic 250ml unpreserved	A	NA		2.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2227756-02H	Amber 500ml unpreserved	A	7	7	2.7	Y	Absent		A2-DIOXIN-1613(365)
L2227756-02I	Amber 500ml unpreserved	A	7	7	2.7	Y	Absent		A2-DIOXIN-1613(365)
L2227756-02J	Amber 1000ml Na2S2O3	A	7	7	2.7	Y	Absent		625.1(7)
L2227756-02K	Amber 1000ml Na2S2O3	A	7	7	2.7	Y	Absent		625.1(7)
L2227756-02L	Amber 1000ml Na2S2O3	A	7	7	2.7	Y	Absent		PESTICIDE-608.3(7)
L2227756-02M	Amber 1000ml Na2S2O3	A	7	7	2.7	Y	Absent		PESTICIDE-608.3(7)
L2227756-02N	Amber 1000ml Na2S2O3	A	7	7	2.7	Y	Absent		PCB-608.3(365)
L2227756-02O	Amber 1000ml Na2S2O3	A	7	7	2.7	Y	Absent		PCB-608.3(365)
L2227756-02P	Amber 1000ml HCl preserved	A	NA		2.7	Y	Absent		OG-1664(28)
L2227756-02Q	Amber 1000ml HCl preserved	A	NA		2.7	Y	Absent		OG-1664(28)
L2227756-03A	5 gram Encore Sampler	B	NA		2.2	Y	Absent		-
L2227756-03B	5 gram Encore Sampler	B	NA		2.2	Y	Absent		-
L2227756-03C	5 gram Encore Sampler	B	NA		2.2	Y	Absent		-
L2227756-03D	Plastic 2oz unpreserved for TS	B	NA		2.2	Y	Absent		-
L2227756-03E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.2	Y	Absent		-
L2227756-03F	Glass 250ml/8oz unpreserved	B	NA		2.2	Y	Absent		-
L2227756-03X	Vial MeOH preserved split	B	NA		2.2	Y	Absent		-
L2227756-03Y	Vial Water preserved split	B	NA		2.2	Y	Absent	26-MAY-22 12:22	-
L2227756-03Z	Vial Water preserved split	B	NA		2.2	Y	Absent	26-MAY-22 12:22	-
L2227756-04A	5 gram Encore Sampler	B	NA		2.2	Y	Absent		-
L2227756-04B	5 gram Encore Sampler	B	NA		2.2	Y	Absent		-
L2227756-04C	5 gram Encore Sampler	B	NA		2.2	Y	Absent		-
L2227756-04D	Plastic 2oz unpreserved for TS	B	NA		2.2	Y	Absent		-
L2227756-04E	Glass 60mL/2oz unpreserved	B	NA		2.2	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814

Lab Number: L2227756
Report Date: 06/14/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2227756-04F	Glass 250ml/8oz unpreserved	B	NA		2.2	Y	Absent		-
L2227756-04X	Vial MeOH preserved split	B	NA		2.2	Y	Absent		-
L2227756-04Y	Vial Water preserved split	B	NA		2.2	Y	Absent	26-MAY-22 12:22	-
L2227756-04Z	Vial Water preserved split	B	NA		2.2	Y	Absent	26-MAY-22 12:22	-
L2227756-05A	5 gram Encore Sampler	B	NA		2.2	Y	Absent		-
L2227756-05B	5 gram Encore Sampler	B	NA		2.2	Y	Absent		-
L2227756-05C	5 gram Encore Sampler	B	NA		2.2	Y	Absent		-
L2227756-05D	Plastic 2oz unpreserved for TS	B	NA		2.2	Y	Absent		-
L2227756-05E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.2	Y	Absent		-
L2227756-05F	Glass 250ml/8oz unpreserved	B	NA		2.2	Y	Absent		-
L2227756-05X	Vial MeOH preserved split	B	NA		2.2	Y	Absent		-
L2227756-05Y	Vial Water preserved split	B	NA		2.2	Y	Absent	26-MAY-22 12:22	-
L2227756-05Z	Vial Water preserved split	B	NA		2.2	Y	Absent	26-MAY-22 12:22	-
L2227756-06A	5 gram Encore Sampler	B	NA		2.2	Y	Absent		-
L2227756-06B	5 gram Encore Sampler	B	NA		2.2	Y	Absent		-
L2227756-06C	5 gram Encore Sampler	B	NA		2.2	Y	Absent		-
L2227756-06D	Plastic 2oz unpreserved for TS	B	NA		2.2	Y	Absent		-
L2227756-06E	Glass 60mL/2oz unpreserved	B	NA		2.2	Y	Absent		-
L2227756-06F	Glass 250ml/8oz unpreserved	B	NA		2.2	Y	Absent		-
L2227756-06X	Vial MeOH preserved split	B	NA		2.2	Y	Absent		-
L2227756-06Y	Vial Water preserved split	B	NA		2.2	Y	Absent	26-MAY-22 12:22	-
L2227756-06Z	Vial Water preserved split	B	NA		2.2	Y	Absent	26-MAY-22 12:22	-
L2227756-07A	5 gram Encore Sampler	B	NA		2.2	Y	Absent		-
L2227756-07B	5 gram Encore Sampler	B	NA		2.2	Y	Absent		-
L2227756-07C	5 gram Encore Sampler	B	NA		2.2	Y	Absent		-
L2227756-07D	Plastic 2oz unpreserved for TS	B	NA		2.2	Y	Absent		-
L2227756-07E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.2	Y	Absent		-
L2227756-07F	Glass 250ml/8oz unpreserved	B	NA		2.2	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814

Lab Number: L2227756
Report Date: 06/14/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2227756-07X	Vial MeOH preserved split	B	NA		2.2	Y	Absent		-
L2227756-07Y	Vial Water preserved split	B	NA		2.2	Y	Absent	26-MAY-22 12:22	-
L2227756-07Z	Vial Water preserved split	B	NA		2.2	Y	Absent	26-MAY-22 12:22	-
L2227756-08A	Vial HCl preserved	B	NA		2.2	Y	Absent		-
L2227756-08B	Vial HCl preserved	B	NA		2.2	Y	Absent		-
L2227756-09A	Plastic 250ml unpreserved	A	NA		2.7	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Project Name: 85 N. LEXINGTON AVE.
Project Number: 11814

Lab Number: L2227756
Report Date: 06/14/22

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
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name:	85 N. LEXINGTON AVE.	**Lab Number:**	L2227756
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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.

LCSD - 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.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	85 N. LEXINGTON AVE.	**Lab Number:**	L2227756
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Footnotes

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. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: 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.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	85 N. LEXINGTON AVE.	**Lab Number:**	L2227756
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Data Qualifiers

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 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.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name: 85 N. LEXINGTON AVE. **Lab Number:** L2227756

Project Number: 11814 **Report Date:** 06/14/22

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

127 Method 608.3: Organochlorine Pesticides and PCBs by GC/HSD, EPA 821-R-16-009, December 2016.

128 Method 624.1: Purgeables by GC/MS, EPA 821-R-16-008, December 2016.

129 Method 625.1: Base/Neutrals and Acids by GC/MS, EPA 821-R-16-007, December 2016.

132 Method 1613 Revision B: Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution HRGC/HRMS. USEPA Office of Water, October 1994.

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.

140 Method 1664,Revision B: N-Hexane Extractable Material (HEM; Oil & Grease) and Silica Gel Treated N-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry, EPA-821-R-10-001, February 2010.

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.

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, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; 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.
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, SM4500Cl-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, SM9222D.**

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, EPA 537.1.

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.

ALPHA ANALYTICAL

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 1 of

Date Rec'd in Lab: 5/25/22

ALPHA Job #: L2227756

Westborough, MA 01581, 8 Walkup Dr., TEL: 508-898-9220, FAX: 508-898-9193
Mansfield, MA 02048, 320 Forbes Blvd, TEL: 508-822-9300, FAX: 508-822-3288

Project Information
Project Name: 85 N Lexington
Project Location: White Plains NY
Project #: 11814
(Use Project name as Project #) ☐
Project Manager: Monica Norton
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: SESI Consulting Engineers
Address: 12 A Maple Ave, Pine Brook NJ
Phone: (973) 808-9050
Fax:
Email: monica.norton@sesi.org

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☑ Other: NY EQuIS EDD

Regulatory Requirement
☑ NY TOGS Groundwater ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☑ NY Unrestricted Use Soil samples
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

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:

Please specify Metals or TAL.

Sample Filtration: ☐ Done ☐ Lab to do
Preservation: ☐ Lab to do
(Please Specify below)

ANALYSIS (columns): (1) Volatile (Ignore) EPA ...; (2) Acid/Base/Neutral EPA ...; (3) Dioxins/Furans HRMS; (4) Pesticides EPA 608.3; (5) Oil & Grease Hexane method 1664 (mg/L); (6) Hexavalent Chrome EPA 7196 (mg/L); (7) pH-Hydrogen ion conc., EPA 9040; (8) PCBs EPA 608.3; (9) Total RCRA Metals EPA; (10) NY PFAA LC/MS/MS 1...; (11) TAL/TCL F30; (12) VOCs only

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	1	2	3	4	5	6	7	8	9	10	11	12	Sample Specific Comments	Total Bottles
27756-01	Inflow-2	05/25/22	1100	Water	CC	X	X	X	X	X	X	X	X	X	X				17
02	Outflow-2	↓	1130	Water	↓	X	X	X	X	X	X	X	X	X	X				16
03	RA-23 (4-4.5)	↓	1245	Soil	↓											X			6
04	RA-23 (5-5.5)	↓	1250	↓	↓											X		Hold Analysis	↓
05	RA-74 (5-5.5)	↓	1255	↓	↓											X			↓
06	RA-74 (7-7.5)	↓	1300	↓	↓											X		Hold Analysis	↓
07	DUP-1 20220525	↓	–	↓	↓											X			6
08	TB1 20220525	–	–	–	–												X		2
09	FB 20220525	05/25/22	1200	–	CC	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	X			only PFAA	1

	1	2	3	4	5	6	7	8	9	10	11	12
Container Type	V	A	A	A	A	P	P	A	P	P	A/E	V
Preservative	H	H	A	H	B	A	A	H	C	\	A	B

Preservative Code: A = None, B = HCl, C = HNO_3, D = H_2SO_4, E = NaOH, F = MeOH, G = $NaHSO_4$, H = $Na_2S_2O_3$, 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

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	05/25/22 1610	[signature] (AAL)	5-25-22 1610
[signature] (AAL)	5-25-22 1830	[signature] AAL	5/25 1930
[signature] AAL	5/25	[signature]	5/25/22 2159
[signature]	5/25/22 2350	[signature]	5/25/22 2350

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2232783
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Monica Norton
Phone:	(973) 808-9050
Project Name:	85 N LEXINGTON AVE.
Project Number:	11814
Report Date:	07/15/22

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).

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

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814

Lab Number: L2232783
Report Date: 07/15/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2232783-01	INFLOW-3	WATER	WHITE PLAINS- NY	06/21/22 09:30	06/21/22
L2232783-02	OUTFLOW-3	WATER	WHITE PLAINS- NY	06/21/22 10:00	06/21/22
L2232783-03	FB20220622	WATER	WHITE PLAINS- NY	06/21/22 09:15	06/21/22

Project Name:	85 N LEXINGTON AVE.	**Lab Number:**	L2232783
Project Number:	11814	**Report Date:**	07/15/22

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: 85 N LEXINGTON AVE. **Lab Number:** L2232783
Project Number: 11814 **Report Date:** 07/15/22

Case Narrative (continued)

Report Submission
July 15, 2022: This final report includes the results of all requested analyses.
July 06, 2022: 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.

Sample Receipt
L2232783-01 and -02: Sample containers for Total Metals were received for the "INFLOW-3" and "OUTFLOW-3" samples, but were not listed on the chain of custody. At the client's request, the analysis was performed.
L2232783-01, -02 and -03: The collection date on the chain of custody was 22-JUN-22; however, the collection date on the container label was 21-JUN-22. At the client's request, the collection date is reported as 21-JUN-22.

Dioxins & Furans by Isotope Dilution HRMS
L2232783-02: The sample was re-extracted due to QC failures in the original analysis. The results of the re-extraction are reported.

Perfluorinated Alkyl Acids by Isotope Dilution
L2232783-01 and -02, WG1654783-2, WG1654783-3, and WG1654783-4: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.
The WG1654783-2 LCS recoveries, associated with L2232783-01 through -03, are above the acceptance criteria for perfluorodecanesulfonic acid (pfds) (167%), perfluorotridecanoic acid (pftrda) (171%), and perfluorotetradecanoic acid (pfta) (206%); however, the associated samples are non-detect to the RL for these target analytes. The results of the original analysis are reported.

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783
Project Number: 11814 **Report Date:** 07/15/22

Case Narrative (continued)

The WG1654783-3 MS recoveries, performed on L2232783-01, are outside the acceptance criteria for perfluorotridecanoic acid (pftrda) (173%) and perfluorotetradecanoic acid (pfta) (201%).Report Submission
All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt
L2232783-01: The collection date and time on the chain of custody was 22-JUN-22; however, the collection date/time on the container label was 21-JUN-22. At the client's request, the collection date/time is reported as 21-JUN-22 09:30.
L2232783-02: The collection date and time on the chain of custody was 22-JUN-22; however, the collection date/time on the container label was 21-JUN-22. At the client's request, the collection date/time is reported as 21-JUN-22 10:00.
L2232783-03: The collection date and time on the chain of custody was 22-JUN-22; however, the collection date/time on the container label was 21-JUN-22. At the client's request, the collection date/time is reported as 21-JUN-22 09:15.

Dioxins & Furans by Isotope Dilution HRMS
L2232783-02RE: The sample was re-extracted due to QC failures in the original analysis. The results of the re-extraction are reported.

Perfluorinated Alkyl Acids by Isotope Dilution
L2232783-01 and -02: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.
The WG1654783-2 LCS recoveries, associated with L2232783-01 through -03, are above the acceptance criteria for perfluorononanesulfonic acid (pfns) (152%), perfluorodecanesulfonic acid (pfds) (167%), perfluorotridecanoic acid (pftrda) (171%), and perfluorotetradecanoic acid (pfta) (206%); however, the associated samples are non-detect to the RL for these target analytes. The results of the original analysis are

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783
Project Number: 11814 **Report Date:** 07/15/22

Case Narrative (continued)

reported.

WG1654783-2, WG1654783-3, and WG1654783-4: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

The WG1654783-3 MS/MSD recoveries, performed on L2232783-01, are outside the acceptance criteria for perfluorotridecanoic acid (pftrda) (173%) and perfluorotetradecanoic acid (pfta) (201%).

Pesticides

The surrogate recoveries for the WG1655350-2 LCS, associated with L2232783-01 and -02, are outside the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (42%). The LCS spike compounds are within overall method allowances; therefore, no further action was taken.

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: Caitlin Walukevich

Title: Technical Director/Representative Date: 07/15/22

ORGANICS

VOLATILES

Project Name: 85 N LEXINGTON AVE.
Lab Number: L2232783
Project Number: 11814
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-01
Client ID: INFLOW-3
Sample Location: WHITE PLAINS- NY
Date Collected: 06/21/22 09:30
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 06/22/22 18:54
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	0.84	J	ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	0.51	J	ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-01 Date Collected: 06/21/22 09:30

Client ID: INFLOW-3 Date Received: 06/21/22

Sample Location: WHITE PLAINS- 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	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	106		60-140
Fluorobenzene	91		60-140
4-Bromofluorobenzene	95		60-140

Project Name: 85 N LEXINGTON AVE.
Lab Number: L2232783
Project Number: 11814
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-02
Client ID: OUTFLOW-3
Sample Location: WHITE PLAINS- NY
Date Collected: 06/21/22 10:00
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 06/22/22 19:28
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17	1

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-02 Date Collected: 06/21/22 10:00

Client ID: OUTFLOW-3 Date Received: 06/21/22

Sample Location: WHITE PLAINS- 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	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	ND		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Dibromomethane	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	91		60-140
Fluorobenzene	87		60-140
4-Bromofluorobenzene	95		60-140

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 06/22/22 11:38
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1654380-4					
Methylene chloride	ND		ug/l	1.0	0.56
1,1-Dichloroethane	ND		ug/l	1.5	0.40
Chloroform	ND		ug/l	1.0	0.38
Carbon tetrachloride	ND		ug/l	1.0	0.24
1,2-Dichloropropane	ND		ug/l	3.5	0.46
Dibromochloromethane	ND		ug/l	1.0	0.27
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34
2-Chloroethylvinyl ether	ND		ug/l	10	0.35
Tetrachloroethene	ND		ug/l	1.0	0.26
Chlorobenzene	ND		ug/l	3.5	0.30
Trichlorofluoromethane	ND		ug/l	5.0	0.28
1,2-Dichloroethane	ND		ug/l	1.5	0.47
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29
Bromodichloromethane	ND		ug/l	1.0	0.28
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34
Bromoform	ND		ug/l	1.0	0.22
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20
Benzene	ND		ug/l	1.0	0.38
Toluene	ND		ug/l	1.0	0.31
Ethylbenzene	ND		ug/l	1.0	0.28
Chloromethane	ND		ug/l	5.0	1.0
Bromomethane	ND		ug/l	5.0	1.2
Vinyl chloride	ND		ug/l	1.0	0.38
Chloroethane	ND		ug/l	2.0	0.37
1,1-Dichloroethene	ND		ug/l	1.0	0.31
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17
Trichloroethene	ND		ug/l	1.0	0.33

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 06/22/22 11:38
Analyst: GT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1654380-4					
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29
p/m-Xylene	ND		ug/l	2.0	0.30
o-xylene	ND		ug/l	1.0	0.34
Xylenes, Total	ND		ug/l	1.0	0.30
Styrene	ND		ug/l	1.0	0.37
Acetone	ND		ug/l	10	2.4
Carbon disulfide	ND		ug/l	5.0	0.28
2-Butanone	ND		ug/l	10	1.0
Vinyl acetate	ND		ug/l	10	0.41
4-Methyl-2-pentanone	ND		ug/l	10	0.19
2-Hexanone	ND		ug/l	10	0.55
Acrolein	ND		ug/l	8.0	1.8
Acrylonitrile	ND		ug/l	10	0.33
Dibromomethane	ND		ug/l	1.0	0.23

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	119		60-140
Fluorobenzene	84		60-140
4-Bromofluorobenzene	91		60-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

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 Batch: WG1654380-3								
Methylene chloride	100		-		60-140	-		28
1,1-Dichloroethane	95		-		50-150	-		49
Chloroform	110		-		70-135	-		54
Carbon tetrachloride	100		-		70-130	-		41
1,2-Dichloropropane	105		-		35-165	-		55
Dibromochloromethane	95		-		70-135	-		50
1,1,2-Trichloroethane	95		-		70-130	-		45
2-Chloroethylvinyl ether	55		-		1-225	-		71
Tetrachloroethene	90		-		70-130	-		39
Chlorobenzene	75		-		65-135	-		53
Trichlorofluoromethane	105		-		50-150	-		84
1,2-Dichloroethane	100		-		70-130	-		49
1,1,1-Trichloroethane	105		-		70-130	-		36
Bromodichloromethane	105		-		65-135	-		56
trans-1,3-Dichloropropene	90		-		50-150	-		86
cis-1,3-Dichloropropene	100		-		25-175	-		58
Bromoform	85		-		70-130	-		42
1,1,2,2-Tetrachloroethane	90		-		60-140	-		61
Benzene	100		-		65-135	-		61
Toluene	95		-		70-130	-		41
Ethylbenzene	85		-		60-140	-		63
Chloromethane	130		-		1-205	-		60
Bromomethane	55		-		15-185	-		61

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

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 Batch: WG1654380-3								
Vinyl chloride	170		-		5-195	-		66
Chloroethane	135		-		40-160	-		78
1,1-Dichloroethene	100		-		50-150	-		32
trans-1,2-Dichloroethene	95		-		70-130	-		45
cis-1,2-Dichloroethene	100		-		60-140	-		30
Trichloroethene	80		-		65-135	-		48
1,2-Dichlorobenzene	80		-		65-135	-		57
1,3-Dichlorobenzene	75		-		70-130	-		43
1,4-Dichlorobenzene	80		-		65-135	-		57
p/m-Xylene	80		-		60-140	-		30
o-xylene	75		-		60-140	-		30
Styrene	75		-		60-140	-		30
Acetone	88		-		40-160	-		30
Carbon disulfide	100		-		60-140	-		30
2-Butanone	108		-		60-140	-		30
Vinyl acetate	102		-		60-140	-		30
4-Methyl-2-pentanone	98		-		60-140	-		30
2-Hexanone	96		-		60-140	-		30
Acrolein	108		-		60-140	-		30
Acrylonitrile	95		-		60-140	-		60
Dibromomethane	85		-		70-130	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

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 Batch: WG1654380-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	120				60-140
Fluorobenzene	92				60-140
4-Bromofluorobenzene	91				60-140

SEMIVOLATILES

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814
Lab Number: L2232783
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-01
Client ID: INFLOW-3
Sample Location: WHITE PLAINS- NY

Date Collected: 06/21/22 09:30
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 129,625.1
Analytical Date: 06/27/22 17:08
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 06/24/22 00:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1.72	J	ug/l	2.00	0.407	1
Benzidine[1]	ND		ug/l	20.0	12.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.00	1.49	1
Hexachlorobenzene	ND		ug/l	2.00	0.952	1
Bis(2-chloroethyl)ether	ND		ug/l	2.00	0.600	1
2-Chloronaphthalene	ND		ug/l	2.00	0.319	1
3,3'-Dichlorobenzidine	ND		ug/l	5.00	0.457	1
2,4-Dinitrotoluene	ND		ug/l	5.00	0.636	1
2,6-Dinitrotoluene	ND		ug/l	5.00	0.631	1
Azobenzene[1]	ND		ug/l	2.00	0.889	1
Fluoranthene	ND		ug/l	2.00	0.736	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.00	0.371	1
4-Bromophenyl phenyl ether	ND		ug/l	2.00	0.447	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.00	0.822	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.00	0.585	1
Hexachlorobutadiene	ND		ug/l	2.00	0.921	1
Hexachlorocyclopentadiene[1]	ND		ug/l	10.0	1.36	1
Hexachloroethane	ND		ug/l	2.00	0.973	1
Isophorone	ND		ug/l	5.00	0.546	1
Naphthalene	4.33		ug/l	2.00	0.896	1
Nitrobenzene	ND		ug/l	2.00	0.788	1
NDPA/DPA[1]	ND		ug/l	2.00	0.783	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.00	0.630	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.20	1.70	1
Butyl benzyl phthalate	ND		ug/l	5.00	0.670	1
Di-n-butylphthalate	ND		ug/l	5.00	0.631	1
Di-n-octylphthalate	ND		ug/l	5.00	0.633	1
Diethyl phthalate	ND		ug/l	5.00	0.717	1

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-01 Date Collected: 06/21/22 09:30

Client ID: INFLOW-3 Date Received: 06/21/22

Sample Location: WHITE PLAINS- NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/l	5.00	1.40	1
Benzo(a)anthracene	ND		ug/l	2.00	0.665	1
Benzo(a)pyrene	ND		ug/l	2.00	0.610	1
Benzo(b)fluoranthene	ND		ug/l	2.00	0.741	1
Benzo(k)fluoranthene	ND		ug/l	2.00	0.739	1
Chrysene	ND		ug/l	2.00	0.668	1
Acenaphthylene	ND		ug/l	2.00	0.930	1
Anthracene	ND		ug/l	2.00	0.791	1
Benzo(ghi)perylene	ND		ug/l	2.00	0.672	1
Fluorene	ND		ug/l	2.00	0.927	1
Phenanthrene	ND		ug/l	2.00	0.818	1
Dibenzo(a,h)anthracene	ND		ug/l	2.00	0.687	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.00	0.633	1
Pyrene	ND		ug/l	2.00	0.728	1
4-Chloroaniline[1]	ND		ug/l	5.00	0.790	1
Dibenzofuran[1]	ND		ug/l	2.00	0.373	1
2-Methylnaphthalene[1]	ND		ug/l	2.00	0.351	1
n-Nitrosodimethylamine[1]	ND		ug/l	2.00	0.407	1
2,4,6-Trichlorophenol	ND		ug/l	5.00	0.607	1
p-Chloro-m-cresol[1]	ND		ug/l	2.00	0.533	1
2-Chlorophenol	ND		ug/l	2.00	0.513	1
2,4-Dichlorophenol	ND		ug/l	5.00	0.554	1
2,4-Dimethylphenol	ND		ug/l	5.00	0.851	1
2-Nitrophenol	ND		ug/l	5.00	0.604	1
4-Nitrophenol	ND		ug/l	10.0	0.834	1
2,4-Dinitrophenol	ND		ug/l	20.0	1.21	1
4,6-Dinitro-o-cresol	ND		ug/l	10.0	1.20	1
Pentachlorophenol	ND		ug/l	5.00	0.622	1
Phenol	ND		ug/l	5.00	0.262	1
2-Methylphenol[1]	0.807	J	ug/l	5.00	0.773	1
3-Methylphenol/4-Methylphenol[1]	ND		ug/l	5.00	0.511	1
2,4,5-Trichlorophenol[1]	ND		ug/l	5.00	0.637	1
Benzoic Acid[1]	ND		ug/l	50.0	1.17	1
Benzyl Alcohol[1]	ND		ug/l	2.00	0.490	1

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-01 Date Collected: 06/21/22 09:30

Client ID: INFLOW-3 Date Received: 06/21/22

Sample Location: WHITE PLAINS- NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-87
Phenol-d6	43		16-65
Nitrobenzene-d5	119		42-122
2-Fluorobiphenyl	109		46-121
2,4,6-Tribromophenol	128		45-128
4-Terphenyl-d14	125		47-138

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814
Lab Number: L2232783
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-01
Client ID: INFLOW-3
Sample Location: WHITE PLAINS- NY

Date Collected: 06/21/22 09:30
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/27/22 19:59
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/24/22 03:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	9.66		ng/l	1.75	0.356	1
Perfluoropentanoic Acid (PFPeA)	14.4		ng/l	1.75	0.346	1
Perfluorobutanesulfonic Acid (PFBS)	8.11		ng/l	1.75	0.208	1
Perfluorohexanoic Acid (PFHxA)	9.86		ng/l	1.75	0.286	1
Perfluoroheptanoic Acid (PFHpA)	7.36		ng/l	1.75	0.197	1
Perfluorohexanesulfonic Acid (PFHxS)	6.29		ng/l	1.75	0.328	1
Perfluorooctanoic Acid (PFOA)	19.6		ng/l	1.75	0.206	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.75	1.16	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.75	0.601	1
Perfluorononanoic Acid (PFNA)	1.39	J	ng/l	1.75	0.272	1
Perfluorooctanesulfonic Acid (PFOS)	18.2		ng/l	1.75	0.440	1
Perfluorodecanoic Acid (PFDA)	0.290	J	ng/l	1.75	0.265	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.75	1.06	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.75	0.566	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.75	0.227	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.75	0.856	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.75	0.506	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.75	0.702	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.75	0.325	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.75	0.286	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.75	0.216	1
PFOA/PFOS, Total	37.8		ng/l	1.75	0.206	1

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-01 Date Collected: 06/21/22 09:30

Client ID: INFLOW-3 Date Received: 06/21/22

Sample Location: WHITE PLAINS- 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)	86		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	91		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	97		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	82		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	91		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	84		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**236**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	70		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	72		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	71		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	108		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	86		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	100		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	19		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	92		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	97		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	45		22-136

Project Name: 85 N LEXINGTON AVE.
Lab Number: L2232783
Project Number: 11814
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-02
Client ID: OUTFLOW-3
Sample Location: WHITE PLAINS- NY

Date Collected: 06/21/22 10:00
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 129,625.1
Analytical Date: 06/26/22 20:55
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 06/25/22 07:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.00	0.407	1
Benzidine[1]	ND		ug/l	20.0	12.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.00	1.49	1
Hexachlorobenzene	ND		ug/l	2.00	0.952	1
Bis(2-chloroethyl)ether	ND		ug/l	2.00	0.600	1
2-Chloronaphthalene	ND		ug/l	2.00	0.319	1
3,3'-Dichlorobenzidine	ND		ug/l	5.00	0.457	1
2,4-Dinitrotoluene	ND		ug/l	5.00	0.636	1
2,6-Dinitrotoluene	ND		ug/l	5.00	0.631	1
Azobenzene[1]	ND		ug/l	2.00	0.889	1
Fluoranthene	ND		ug/l	2.00	0.736	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.00	0.371	1
4-Bromophenyl phenyl ether	ND		ug/l	2.00	0.447	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.00	0.822	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.00	0.585	1
Hexachlorobutadiene	ND		ug/l	2.00	0.921	1
Hexachlorocyclopentadiene[1]	ND		ug/l	10.0	1.36	1
Hexachloroethane	ND		ug/l	2.00	0.973	1
Isophorone	ND		ug/l	5.00	0.546	1
Naphthalene	ND		ug/l	2.00	0.896	1
Nitrobenzene	ND		ug/l	2.00	0.788	1
NDPA/DPA[1]	ND		ug/l	2.00	0.783	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.00	0.630	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.20	1.70	1
Butyl benzyl phthalate	ND		ug/l	5.00	0.670	1
Di-n-butylphthalate	ND		ug/l	5.00	0.631	1
Di-n-octylphthalate	ND		ug/l	5.00	0.633	1
Diethyl phthalate	ND		ug/l	5.00	0.717	1

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-02 Date Collected: 06/21/22 10:00

Client ID: OUTFLOW-3 Date Received: 06/21/22

Sample Location: WHITE PLAINS- NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/l	5.00	1.40	1
Benzo(a)anthracene	ND		ug/l	2.00	0.665	1
Benzo(a)pyrene	ND		ug/l	2.00	0.610	1
Benzo(b)fluoranthene	ND		ug/l	2.00	0.741	1
Benzo(k)fluoranthene	ND		ug/l	2.00	0.739	1
Chrysene	ND		ug/l	2.00	0.668	1
Acenaphthylene	ND		ug/l	2.00	0.930	1
Anthracene	ND		ug/l	2.00	0.791	1
Benzo(ghi)perylene	ND		ug/l	2.00	0.672	1
Fluorene	ND		ug/l	2.00	0.927	1
Phenanthrene	ND		ug/l	2.00	0.818	1
Dibenzo(a,h)anthracene	ND		ug/l	2.00	0.687	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.00	0.633	1
Pyrene	ND		ug/l	2.00	0.728	1
4-Chloroaniline[1]	ND		ug/l	5.00	0.790	1
Dibenzofuran[1]	ND		ug/l	2.00	0.373	1
2-Methylnaphthalene[1]	ND		ug/l	2.00	0.351	1
n-Nitrosodimethylamine[1]	ND		ug/l	2.00	0.407	1
2,4,6-Trichlorophenol	ND		ug/l	5.00	0.607	1
p-Chloro-m-cresol[1]	ND		ug/l	2.00	0.533	1
2-Chlorophenol	ND		ug/l	2.00	0.513	1
2,4-Dichlorophenol	ND		ug/l	5.00	0.554	1
2,4-Dimethylphenol	ND		ug/l	5.00	0.851	1
2-Nitrophenol	ND		ug/l	5.00	0.604	1
4-Nitrophenol	ND		ug/l	10.0	0.834	1
2,4-Dinitrophenol	ND		ug/l	20.0	1.21	1
4,6-Dinitro-o-cresol	ND		ug/l	10.0	1.20	1
Pentachlorophenol	ND		ug/l	5.00	0.622	1
Phenol	ND		ug/l	5.00	0.262	1
2-Methylphenol[1]	ND		ug/l	5.00	0.773	1
3-Methylphenol/4-Methylphenol[1]	ND		ug/l	5.00	0.511	1
2,4,5-Trichlorophenol[1]	ND		ug/l	5.00	0.637	1
Benzoic Acid[1]	ND		ug/l	50.0	1.17	1
Benzyl Alcohol[1]	ND		ug/l	2.00	0.490	1

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-02 Date Collected: 06/21/22 10:00

Client ID: OUTFLOW-3 Date Received: 06/21/22

Sample Location: WHITE PLAINS- NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		25-87
Phenol-d6	30		16-65
Nitrobenzene-d5	79		42-122
2-Fluorobiphenyl	77		46-121
2,4,6-Tribromophenol	92		45-128
4-Terphenyl-d14	96		47-138

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814
Lab Number: L2232783
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-02
Client ID: OUTFLOW-3
Sample Location: WHITE PLAINS- NY

Date Collected: 06/21/22 10:00
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/27/22 20:32
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/24/22 03:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	7.93		ng/l	1.84	0.376	1
Perfluoropentanoic Acid (PFPeA)	4.52		ng/l	1.84	0.365	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.84	0.219	1
Perfluorohexanoic Acid (PFHxA)	0.881	J	ng/l	1.84	0.302	1
Perfluoroheptanoic Acid (PFHpA)	0.258	J	ng/l	1.84	0.207	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.84	0.346	1
Perfluorooctanoic Acid (PFOA)	0.398	JF	ng/l	1.84	0.217	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	0.634	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.84	0.287	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.84	0.464	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	0.597	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.240	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.903	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.84	0.534	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.741	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.343	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.301	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.84	0.228	1
PFOA/PFOS, Total	0.398	J	ng/l	1.84	0.217	1

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-02 Date Collected: 06/21/22 10:00

Client ID: OUTFLOW-3 Date Received: 06/21/22

Sample Location: WHITE PLAINS- 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)	69		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	91		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	93		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	73		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	77		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	92		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	66		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	83		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	**58**	Q	59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	**63**	Q	69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	66		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	71		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	80		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	12		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	91		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	103		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	43		22-136

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814
Lab Number: L2232783
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-03
Client ID: FB20220622
Sample Location: WHITE PLAINS- NY

Date Collected: 06/21/22 09:15
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/07/22 17:26
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/24/22 03:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.90	0.387	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.90	0.376	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.90	0.226	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.90	0.311	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.90	0.214	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.90	0.357	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.90	0.224	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.90	1.26	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.90	0.653	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.90	0.296	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.90	0.478	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.90	0.289	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.90	1.15	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.90	0.615	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.90	0.247	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.90	0.930	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.90	0.551	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.90	0.763	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.90	0.353	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.90	0.311	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.90	0.235	1
PFOA/PFOS, Total	ND		ng/l	1.90	0.224	1

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-03 Date Collected: 06/21/22 09:15

Client ID: FB20220622 Date Received: 06/21/22

Sample Location: WHITE PLAINS- 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)	91		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	97		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	88		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	88		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	82		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	80		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	70		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	110		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	104		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	99		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	90		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	49		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	81		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	40		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	55		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	66		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	84		22-136

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 06/24/22 16:10
Analyst: JG

Extraction Method: EPA 625.1
Extraction Date: 06/23/22 17:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1654678-1					
Acenaphthene	ND		ug/l	2.00	0.407
Benzidine[1]	ND		ug/l	20.0	12.1
1,2,4-Trichlorobenzene	ND		ug/l	5.00	1.49
Hexachlorobenzene	ND		ug/l	2.00	0.952
Bis(2-chloroethyl)ether	ND		ug/l	2.00	0.600
2-Chloronaphthalene	ND		ug/l	2.00	0.319
3,3'-Dichlorobenzidine	ND		ug/l	5.00	0.457
2,4-Dinitrotoluene	ND		ug/l	5.00	0.636
2,6-Dinitrotoluene	ND		ug/l	5.00	0.631
Azobenzene[1]	ND		ug/l	2.00	0.889
Fluoranthene	ND		ug/l	2.00	0.736
4-Chlorophenyl phenyl ether	ND		ug/l	2.00	0.371
4-Bromophenyl phenyl ether	ND		ug/l	2.00	0.447
Bis(2-chloroisopropyl)ether	ND		ug/l	2.00	0.822
Bis(2-chloroethoxy)methane	ND		ug/l	5.00	0.585
Hexachlorobutadiene	ND		ug/l	2.00	0.921
Hexachlorocyclopentadiene[1]	ND		ug/l	10.0	1.36
Hexachloroethane	ND		ug/l	2.00	0.973
Isophorone	ND		ug/l	5.00	0.546
Naphthalene	ND		ug/l	2.00	0.896
Nitrobenzene	ND		ug/l	2.00	0.788
NDPA/DPA[1]	ND		ug/l	2.00	0.783
n-Nitrosodi-n-propylamine	ND		ug/l	5.00	0.630
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.20	1.70
Butyl benzyl phthalate	ND		ug/l	5.00	0.670
Di-n-butylphthalate	ND		ug/l	5.00	0.631
Di-n-octylphthalate	ND		ug/l	5.00	0.633
Diethyl phthalate	ND		ug/l	5.00	0.717
Dimethyl phthalate	ND		ug/l	5.00	1.40

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 06/24/22 16:10
Analyst: JG

Extraction Method: EPA 625.1
Extraction Date: 06/23/22 17:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1654678-1					
Benzo(a)anthracene	ND		ug/l	2.00	0.665
Benzo(a)pyrene	ND		ug/l	2.00	0.610
Benzo(b)fluoranthene	ND		ug/l	2.00	0.741
Benzo(k)fluoranthene	ND		ug/l	2.00	0.739
Chrysene	ND		ug/l	2.00	0.668
Acenaphthylene	ND		ug/l	2.00	0.930
Anthracene	ND		ug/l	2.00	0.791
Benzo(ghi)perylene	ND		ug/l	2.00	0.672
Fluorene	ND		ug/l	2.00	0.927
Phenanthrene	ND		ug/l	2.00	0.818
Dibenzo(a,h)anthracene	ND		ug/l	2.00	0.687
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.00	0.633
Pyrene	ND		ug/l	2.00	0.728
4-Chloroaniline[1]	ND		ug/l	5.00	0.790
Dibenzofuran[1]	ND		ug/l	2.00	0.373
2-Methylnaphthalene[1]	ND		ug/l	2.00	0.351
n-Nitrosodimethylamine[1]	ND		ug/l	2.00	0.407
2,4,6-Trichlorophenol	ND		ug/l	5.00	0.607
p-Chloro-m-cresol[1]	ND		ug/l	2.00	0.533
2-Chlorophenol	ND		ug/l	2.00	0.513
2,4-Dichlorophenol	ND		ug/l	5.00	0.554
2,4-Dimethylphenol	ND		ug/l	5.00	0.851
2-Nitrophenol	ND		ug/l	5.00	0.604
4-Nitrophenol	ND		ug/l	10.0	0.834
2,4-Dinitrophenol	ND		ug/l	20.0	1.21
4,6-Dinitro-o-cresol	ND		ug/l	10.0	1.20
Pentachlorophenol	ND		ug/l	5.00	0.622
Phenol	ND		ug/l	5.00	0.262
2-Methylphenol[1]	ND		ug/l	5.00	0.773

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814
Lab Number: L2232783
Report Date: 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 06/24/22 16:10
Analyst: JG

Extraction Method: EPA 625.1
Extraction Date: 06/23/22 17:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1654678-1					
3-Methylphenol/4-Methylphenol[1]	ND		ug/l	5.00	0.511
2,4,5-Trichlorophenol[1]	ND		ug/l	5.00	0.637
Benzoic Acid[1]	ND		ug/l	50.0	1.17
Benzyl Alcohol[1]	ND		ug/l	2.00	0.490

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	30		25-87
Phenol-d6	17		16-65
Nitrobenzene-d5	80		42-122
2-Fluorobiphenyl	80		46-121
2,4,6-Tribromophenol	84		45-128
4-Terphenyl-d14	92		47-138

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/27/22 19:21
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/24/22 03:57

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1654783-1					
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)	ND		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: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/27/22 19:21
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/24/22 03:57

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1654783-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	90		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	103		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	97		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	83		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	100		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	72		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	69		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	79		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	79		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	100		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	111		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	55		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	109		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	122		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	49		22-136

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 06/26/22 17:27
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 06/25/22 07:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1655265-1					
Acenaphthene	ND		ug/l	2.00	0.407
Benzidine[1]	ND		ug/l	20.0	12.1
1,2,4-Trichlorobenzene	ND		ug/l	5.00	1.49
Hexachlorobenzene	ND		ug/l	2.00	0.952
Bis(2-chloroethyl)ether	ND		ug/l	2.00	0.600
2-Chloronaphthalene	ND		ug/l	2.00	0.319
3,3'-Dichlorobenzidine	ND		ug/l	5.00	0.457
2,4-Dinitrotoluene	ND		ug/l	5.00	0.636
2,6-Dinitrotoluene	ND		ug/l	5.00	0.631
Azobenzene[1]	ND		ug/l	2.00	0.889
Fluoranthene	ND		ug/l	2.00	0.736
4-Chlorophenyl phenyl ether	ND		ug/l	2.00	0.371
4-Bromophenyl phenyl ether	ND		ug/l	2.00	0.447
Bis(2-chloroisopropyl)ether	ND		ug/l	2.00	0.822
Bis(2-chloroethoxy)methane	ND		ug/l	5.00	0.585
Hexachlorobutadiene	ND		ug/l	2.00	0.921
Hexachlorocyclopentadiene[1]	ND		ug/l	10.0	1.36
Hexachloroethane	ND		ug/l	2.00	0.973
Isophorone	ND		ug/l	5.00	0.546
Naphthalene	ND		ug/l	2.00	0.896
Nitrobenzene	ND		ug/l	2.00	0.788
NDPA/DPA[1]	ND		ug/l	2.00	0.783
n-Nitrosodi-n-propylamine	ND		ug/l	5.00	0.630
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.20	1.70
Butyl benzyl phthalate	ND		ug/l	5.00	0.670
Di-n-butylphthalate	ND		ug/l	5.00	0.631
Di-n-octylphthalate	ND		ug/l	5.00	0.633
Diethyl phthalate	ND		ug/l	5.00	0.717
Dimethyl phthalate	ND		ug/l	5.00	1.40

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 06/26/22 17:27
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 06/25/22 07:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1655265-1					
Benzo(a)anthracene	ND		ug/l	2.00	0.665
Benzo(a)pyrene	ND		ug/l	2.00	0.610
Benzo(b)fluoranthene	ND		ug/l	2.00	0.741
Benzo(k)fluoranthene	ND		ug/l	2.00	0.739
Chrysene	ND		ug/l	2.00	0.668
Acenaphthylene	ND		ug/l	2.00	0.930
Anthracene	ND		ug/l	2.00	0.791
Benzo(ghi)perylene	ND		ug/l	2.00	0.672
Fluorene	ND		ug/l	2.00	0.927
Phenanthrene	ND		ug/l	2.00	0.818
Dibenzo(a,h)anthracene	ND		ug/l	2.00	0.687
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.00	0.633
Pyrene	ND		ug/l	2.00	0.728
4-Chloroaniline[1]	ND		ug/l	5.00	0.790
Dibenzofuran[1]	ND		ug/l	2.00	0.373
2-Methylnaphthalene[1]	ND		ug/l	2.00	0.351
n-Nitrosodimethylamine[1]	ND		ug/l	2.00	0.407
2,4,6-Trichlorophenol	ND		ug/l	5.00	0.607
p-Chloro-m-cresol[1]	ND		ug/l	2.00	0.533
2-Chlorophenol	ND		ug/l	2.00	0.513
2,4-Dichlorophenol	ND		ug/l	5.00	0.554
2,4-Dimethylphenol	ND		ug/l	5.00	0.851
2-Nitrophenol	ND		ug/l	5.00	0.604
4-Nitrophenol	ND		ug/l	10.0	0.834
2,4-Dinitrophenol	ND		ug/l	20.0	1.21
4,6-Dinitro-o-cresol	ND		ug/l	10.0	1.20
Pentachlorophenol	ND		ug/l	5.00	0.622
Phenol	ND		ug/l	5.00	0.262
2-Methylphenol[1]	ND		ug/l	5.00	0.773

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814
Lab Number: L2232783
Report Date: 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 06/26/22 17:27
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 06/25/22 07:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1655265-1					
3-Methylphenol/4-Methylphenol[1]	ND		ug/l	5.00	0.511
2,4,5-Trichlorophenol[1]	ND		ug/l	5.00	0.637
Benzoic Acid[1]	ND		ug/l	50.0	1.17
Benzyl Alcohol[1]	ND		ug/l	2.00	0.490

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-87
Phenol-d6	38		16-65
Nitrobenzene-d5	96		42-122
2-Fluorobiphenyl	93		46-121
2,4,6-Tribromophenol	99		45-128
4-Terphenyl-d14	110		47-138

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1654678-3								
Acenaphthene	75		-		60-132	-		48
Benzidine[1]	19		-		0-70	-		30
1,2,4-Trichlorobenzene	70		-		57-130	-		50
Hexachlorobenzene	83		-		8-142	-		55
Bis(2-chloroethyl)ether	70		-		43-126	-		108
2-Chloronaphthalene	76		-		65-120	-		24
3,3'-Dichlorobenzidine	38		-		8-213	-		108
2,4-Dinitrotoluene	87		-		48-127	-		42
2,6-Dinitrotoluene	86		-		68-137	-		48
Azobenzene[1]	82		-		44-115	-		23
Fluoranthene	84		-		43-121	-		66
4-Chlorophenyl phenyl ether	76		-		38-145	-		61
4-Bromophenyl phenyl ether	81		-		65-120	-		43
Bis(2-chloroisopropyl)ether	68		-		63-139	-		76
Bis(2-chloroethoxy)methane	74		-		49-165	-		54
Hexachlorobutadiene	67		-		38-120	-		62
Hexachlorocyclopentadiene[1]	77		-		7-118	-		35
Hexachloroethane	67		-		55-120	-		52
Isophorone	71		-		47-180	-		93
Naphthalene	71		-		36-120	-		65
Nitrobenzene	81		-		54-158	-		62
NDPA/DPA[1]	79		-		45-112	-		36
n-Nitrosodi-n-propylamine	75		-		14-198	-		87

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1654678-3								
Bis(2-ethylhexyl)phthalate	87		-		29-137	-		82
Butyl benzyl phthalate	96		-		1-140	-		60
Di-n-butylphthalate	91		-		8-120	-		47
Di-n-octylphthalate	95		-		19-132	-		69
Diethyl phthalate	83		-		1-120	-		100
Dimethyl phthalate	84		-		1-120	-		183
Benzo(a)anthracene	77		-		42-133	-		53
Benzo(a)pyrene	82		-		32-148	-		72
Benzo(b)fluoranthene	84		-		42-140	-		71
Benzo(k)fluoranthene	83		-		25-146	-		63
Chrysene	78		-		44-140	-		87
Acenaphthylene	77		-		54-126	-		74
Anthracene	77		-		43-120	-		66
Benzo(ghi)perylene	81		-		1-195	-		97
Fluorene	79		-		70-120	-		38
Phenanthrene	76		-		65-120	-		39
Dibenzo(a,h)anthracene	88		-		1-200	-		126
Indeno(1,2,3-cd)pyrene	94		-		1-151	-		99
Pyrene	80		-		70-120	-		49
4-Chloroaniline[1]	50		-		10-100	-		53
Dibenzofuran[1]	78		-		23-126	-		22
2-Methylnaphthalene[1]	74		-		40-109	-		18
n-Nitrosodimethylamine[1]	40		-		15-68	-		17

Lab Control Sample Analysis
Batch Quality Control

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814
Lab Number: L2232783
Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1654678-3								
2,4,6-Trichlorophenol	92		-		52-129	-		58
p-Chloro-m-cresol[1]	90		-		68-130	-		73
2-Chlorophenol	72		-		36-120	-		61
2,4-Dichlorophenol	84		-		53-122	-		50
2,4-Dimethylphenol	75		-		42-120	-		58
2-Nitrophenol	106		-		45-167	-		55
4-Nitrophenol	80		-		13-129	-		131
2,4-Dinitrophenol	102		-		1-173	-		132
4,6-Dinitro-o-cresol	107		-		56-130	-		203
Pentachlorophenol	66		-		38-152	-		86
Phenol	23		-		17-120	-		64
2-Methylphenol[1]	63		-		38-102	-		23
3-Methylphenol/4-Methylphenol[1]	50		-		35-103	-		26
2,4,5-Trichlorophenol[1]	92		-		47-126	-		28
Benzoic Acid[1]	31		-		2-55	-		27
Benzyl Alcohol[1]	53		-		31-103	-		23

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1654678-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	37				25-87
Phenol-d6	23				16-65
Nitrobenzene-d5	84				42-122
2-Fluorobiphenyl	79				46-121
2,4,6-Tribromophenol	94				45-128
4-Terphenyl-d14	84				47-138

Lab Control Sample Analysis
Batch Quality Control

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814
Lab Number: L2232783
Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG1654783-2								
Perfluorobutanoic Acid (PFBA)	98		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	99		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	93		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	96		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	98		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	109		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	106		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	102		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	143		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	128		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	143		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	112		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	84		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	106		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	62		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	**167**	Q	-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	108		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	100		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	102		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	**171**	Q	-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	**206**	Q	-		59-182	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814

Lab Number: L2232783
Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG1654783-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	104				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	96				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	96				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	82				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	100				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	68				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	**68**	Q			69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	76				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	77				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	96				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	108				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	51				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	111				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	115				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	48				22-136

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1655265-2								
Benzoic Acid[1]	49		-		2-55	-		27

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1655265-3								
Acenaphthene	86		-		60-132	-		48
Benzidine[1]	6		-		0-70	-		30
1,2,4-Trichlorobenzene	72		-		57-130	-		50
Hexachlorobenzene	95		-		8-142	-		55
Bis(2-chloroethyl)ether	84		-		43-126	-		108
2-Chloronaphthalene	85		-		65-120	-		24
3,3'-Dichlorobenzidine	45		-		8-213	-		108
2,4-Dinitrotoluene	100		-		48-127	-		42
2,6-Dinitrotoluene	100		-		68-137	-		48
Azobenzene[1]	98		-		44-115	-		23
Fluoranthene	98		-		43-121	-		66
4-Chlorophenyl phenyl ether	88		-		38-145	-		61
4-Bromophenyl phenyl ether	94		-		65-120	-		43
Bis(2-chloroisopropyl)ether	78		-		63-139	-		76
Bis(2-chloroethoxy)methane	88		-		49-165	-		54
Hexachlorobutadiene	67		-		38-120	-		62
Hexachlorocyclopentadiene[1]	84		-		7-118	-		35
Hexachloroethane	68		-		55-120	-		52
Isophorone	86		-		47-180	-		93
Naphthalene	79		-		36-120	-		65
Nitrobenzene	96		-		54-158	-		62
NDPA/DPA[1]	91		-		45-112	-		36
n-Nitrosodi-n-propylamine	89		-		14-198	-		87

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1655265-3								
Bis(2-ethylhexyl)phthalate	107		-		29-137	-		82
Butyl benzyl phthalate	116		-		1-140	-		60
Di-n-butylphthalate	110		-		8-120	-		47
Di-n-octylphthalate	115		-		19-132	-		69
Diethyl phthalate	99		-		1-120	-		100
Dimethyl phthalate	97		-		1-120	-		183
Benzo(a)anthracene	96		-		42-133	-		53
Benzo(a)pyrene	100		-		32-148	-		72
Benzo(b)fluoranthene	96		-		42-140	-		71
Benzo(k)fluoranthene	104		-		25-146	-		63
Chrysene	93		-		44-140	-		87
Acenaphthylene	91		-		54-126	-		74
Anthracene	92		-		43-120	-		66
Benzo(ghi)perylene	100		-		1-195	-		97
Fluorene	93		-		70-120	-		38
Phenanthrene	91		-		65-120	-		39
Dibenzo(a,h)anthracene	106		-		1-200	-		126
Indeno(1,2,3-cd)pyrene	109		-		1-151	-		99
Pyrene	94		-		70-120	-		49
4-Chloroaniline[1]	54		-		10-100	-		53
Dibenzofuran[1]	91		-		23-126	-		22
2-Methylnaphthalene[1]	81		-		40-109	-		18
n-Nitrosodimethylamine[1]	48		-		15-68	-		17

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1655265-3								
2,4,6-Trichlorophenol	109		-		52-129	-		58
p-Chloro-m-cresol[1]	101		-		68-130	-		73
2-Chlorophenol	90		-		36-120	-		61
2,4-Dichlorophenol	102		-		53-122	-		50
2,4-Dimethylphenol	81		-		42-120	-		58
2-Nitrophenol	126		-		45-167	-		55
4-Nitrophenol	63		-		13-129	-		131
2,4-Dinitrophenol	131		-		1-173	-		132
4,6-Dinitro-o-cresol	130		-		56-130	-		203
Pentachlorophenol	73		-		38-152	-		86
Phenol	44		-		17-120	-		64
2-Methylphenol[1]	79		-		38-102	-		23
3-Methylphenol/4-Methylphenol[1]	78		-		35-103	-		26
2,4,5-Trichlorophenol[1]	110		-		47-126	-		28
Benzyl Alcohol[1]	70		-		31-103	-		23

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63				25-87
Phenol-d6	45				16-65
Nitrobenzene-d5	101				42-122
2-Fluorobiphenyl	90				46-121
2,4,6-Tribromophenol	110				45-128
4-Terphenyl-d14	99				47-138

Matrix Spike Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1654783-3 QC Sample: L2232783-01 Client ID: INFLOW-3												
Perfluorobutanoic Acid (PFBA)	9.66	36.9	46.1	99		-	-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	14.4	36.9	50.1	97		-	-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	8.11	32.8	38.3	92		-	-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	9.86	36.9	46.0	98		-	-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	7.36	36.9	44.1	100		-	-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	6.29	33.7	44.4	113		-	-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	19.6	36.9	59.7	109		-	-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	35.1	36.0	102		-	-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	35.2	47.4	135		-	-		61-179	-		30
Perfluorononanoic Acid (PFNA)	1.39J	36.9	48.9	129		-	-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	18.2	34.2	63.8	133		-	-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	0.290J	36.9	39.6	106		-	-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	35.4	30.1	85		-	-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	36.9	38.3	104		-	-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	36.9	24.2	66		-	-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	35.7	46.5	130		-	-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	ND	36.9	39.4	107		-	-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	36.9	35.4	96		-	-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	ND	36.9	38.3	104		-	-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	ND	36.9	64.0	**173**	Q	-	-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	ND	36.9	74.2	**201**	Q	-	-		59-182	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

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

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1654783-3 QC Sample: L2232783-01 Client ID: INFLOW-3

Surrogate (Extracted Internal Standard)	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	91				10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**213**	Q			14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	82				27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	80				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	91				55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	67				62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	78				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	87				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	95				71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	87				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	37				22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	81				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	87				62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	28				10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	**66**	Q			69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	76				62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	63				59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92				70-131

Lab Duplicate Analysis
Batch Quality Control

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814

Lab Number: L2232783
Report Date: 07/15/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1654783-4 QC Sample: L2232783-02 Client ID: OUTFLOW-3						
Perfluorobutanoic Acid (PFBA)	7.93	8.20	ng/l	3		30
Perfluoropentanoic Acid (PFPeA)	4.52	4.54	ng/l	0		30
Perfluorobutanesulfonic Acid (PFBS)	ND	ND	ng/l	NC		30
Perfluorohexanoic Acid (PFHxA)	0.881J	0.947J	ng/l	NC		30
Perfluoroheptanoic Acid (PFHpA)	0.258J	0.310J	ng/l	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	ND	ng/l	NC		30
Perfluorooctanoic Acid (PFOA)	0.398JF	0.548J	ng/l	NC		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/l	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/l	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonic Acid (PFOS)	ND	ND	ng/l	NC		30
Perfluorodecanoic Acid (PFDA)	ND	ND	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: 85 N LEXINGTON AVE.
Project Number: 11814

Lab Number: L2232783
Report Date: 07/15/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1654783-4 QC Sample: L2232783-02 Client ID: OUTFLOW-3						
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/l	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	69		77		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	91		103		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	93		94		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	73		82		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	77		84		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	92		94		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	66		73		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	83		85		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	**58**	Q	66		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	**63**	Q	**68**	Q	69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	66		68		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	71		79		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	80		88		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98		99		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	12		10		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	91		99		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	103		108		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	43		40		22-136

SEMIVOLATILES

High Resolution Mass Spectrometry

Project Name: 85 N LEXINGTON AVE.
Lab Number: L2232783
Project Number: 11814
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-01
Client ID: INFLOW-3
Sample Location: WHITE PLAINS- NY

Date Collected: 06/21/22 09:30
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 132,1613B
Analytical Date: 07/10/22 01:24
Analyst: PB

Extraction Method: EPA 1613B
Extraction Date: 06/23/22 09:30
Cleanup Method: EPA 1613B
Cleanup Date: 06/26/22

Parameter	Result	Qualifier	EMPC	Units	RL	MDL	Dilution Factor
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab							
2,3,7,8-TCDD	ND			pg/l	9.43	1.96	1
1,2,3,7,8-PeCDD	ND			pg/l	47.2	9.79	1
1,2,3,4,7,8-HxCDD	ND			pg/l	47.2	11.8	1
1,2,3,6,7,8-HxCDD	ND			pg/l	47.2	14.7	1
1,2,3,7,8,9-HxCDD	ND			pg/l	47.2	13.8	1
1,2,3,4,6,7,8-HpCDD	ND			pg/l	47.2	13.7	1
OCDD	ND			pg/l	94.3	24.0	1
2,3,7,8-TCDF	ND			pg/l	9.43	2.89	1
1,2,3,7,8-PeCDF	ND			pg/l	47.2	6.60	1
2,3,4,7,8-PeCDF	ND			pg/l	47.2	9.87	1
1,2,3,4,7,8-HxCDF	ND			pg/l	47.2	10.5	1
1,2,3,6,7,8-HxCDF	ND			pg/l	47.2	15.0	1
1,2,3,7,8,9-HxCDF	ND			pg/l	47.2	15.5	1
2,3,4,6,7,8-HxCDF	ND			pg/l	47.2	14.9	1
1,2,3,4,6,7,8-HpCDF	ND			pg/l	47.2	12.7	1
1,2,3,4,7,8,9-HpCDF	ND			pg/l	47.2	12.0	1
OCDF	ND			pg/l	94.3	30.6	1
Total TCDD	ND			pg/l	9.43	1.96	1
Total PeCDD	ND			pg/l	47.2	9.79	1
Total HxCDD	ND			pg/l	47.2	11.8	1
Total HpCDD	ND			pg/l	47.2	13.7	1
Total TCDF	ND			pg/l	9.43	2.89	1
Total PeCDF	ND			pg/l	47.2	6.60	1
Total HxCDF	ND			pg/l	47.2	10.5	1
Total HpCDF	ND			pg/l	47.2	12.7	1
Total PCDD	ND			pg/l	9.43	1.96	1
Total PCDF	ND			pg/l	9.43	2.89	1
Toxic Equivalency (TEQ)	ND			pg/l	0.028	0.028	1

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-01 Date Collected: 06/21/22 09:30

Client ID: INFLOW-3 Date Received: 06/21/22

Sample Location: WHITE PLAINS- NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	EMPC	Units	RL	MDL	Dilution Factor
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab							

Surrogate/Cleanup Standard	% Recovery	Qualifier	Acceptance Criteria
13C12-2,3,7,8-TCDF	64		24-169
13C12-2,3,7,8-TCDD	49		25-164
13C12-1,2,3,7,8-PeCDF	59		24-185
13C12-2,3,4,7,8-PeCDF	56		21-178
13C12-1,2,3,7,8-PeCDD	55		25-181
13C12-1,2,3,4,7,8-HxCDF	59		26-152
13C12-1,2,3,6,7,8-HxCDF	58		26-123
13C12-2,3,4,6,7,8-HxCDF	60		28-136
13C12-1,2,3,7,8,9-HxCDF	67		29-147
13C12-1,2,3,4,7,8-HxCDD	48		32-141
13C12-1,2,3,6,7,8-HxCDD	55		28-130
13C12-1,2,3,4,6,7,8-HpCDF	59		28-143
13C12-1,2,3,4,7,8,9-HpCDF	58		26-138
13C12-1,2,3,4,6,7,8-HpCDD	61		23-140
13C12-OCDD	54		17-157
37CL4-2,3,7,8-TCDD	110		35-197

Project Name: 85 N LEXINGTON AVE.
Lab Number: L2232783
Project Number: 11814
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-02 RE
Client ID: OUTFLOW-3
Sample Location: WHITE PLAINS- NY

Date Collected: 06/21/22 10:00
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 132,1613B
Analytical Date: 07/14/22 20:28
Analyst: PB

Extraction Method: EPA 1613B
Extraction Date: 07/12/22 15:58
Cleanup Method: EPA 1613B
Cleanup Date: 07/12/22

Parameter	Result	Qualifier	EMPC	Units	RL	MDL	Dilution Factor
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab							
2,3,7,8-TCDD	ND			pg/l	10.0	2.08	1
1,2,3,7,8-PeCDD	ND			pg/l	50.0	10.4	1
1,2,3,4,7,8-HxCDD	ND			pg/l	50.0	12.5	1
1,2,3,6,7,8-HxCDD	ND			pg/l	50.0	15.6	1
1,2,3,7,8,9-HxCDD	ND			pg/l	50.0	14.6	1
1,2,3,4,6,7,8-HpCDD	ND			pg/l	50.0	14.5	1
OCDD	ND			pg/l	100	25.4	1
2,3,7,8-TCDF	ND			pg/l	10.0	3.06	1
1,2,3,7,8-PeCDF	ND			pg/l	50.0	7.00	1
2,3,4,7,8-PeCDF	ND			pg/l	50.0	10.5	1
1,2,3,4,7,8-HxCDF	ND			pg/l	50.0	11.1	1
1,2,3,6,7,8-HxCDF	ND			pg/l	50.0	15.9	1
1,2,3,7,8,9-HxCDF	ND			pg/l	50.0	16.5	1
2,3,4,6,7,8-HxCDF	ND			pg/l	50.0	15.8	1
1,2,3,4,6,7,8-HpCDF	ND			pg/l	50.0	13.4	1
1,2,3,4,7,8,9-HpCDF	ND			pg/l	50.0	12.7	1
OCDF	ND			pg/l	100	32.4	1
Total TCDD	ND			pg/l	10.0	2.08	1
Total PeCDD	ND			pg/l	50.0	10.4	1
Total HxCDD	ND			pg/l	50.0	12.5	1
Total HpCDD	ND			pg/l	50.0	14.5	1
Total TCDF	ND			pg/l	10.0	3.06	1
Total PeCDF	ND			pg/l	50.0	7.00	1
Total HxCDF	ND			pg/l	50.0	11.1	1
Total HpCDF	ND			pg/l	50.0	13.4	1
Total PCDD	ND			pg/l	10.0	2.08	1
Total PCDF	ND			pg/l	10.0	3.06	1
Toxic Equivalency (TEQ)	ND			pg/l	0.030	0.030	1

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-02 RE
Client ID: OUTFLOW-3
Sample Location: WHITE PLAINS- NY

Date Collected: 06/21/22 10:00
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	EMPC	Units	RL	MDL	Dilution Factor

Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab

Surrogate/Cleanup Standard	% Recovery	Qualifier	Acceptance Criteria
13C12-2,3,7,8-TCDF	62		24-169
13C12-2,3,7,8-TCDD	53		25-164
13C12-1,2,3,7,8-PeCDF	56		24-185
13C12-2,3,4,7,8-PeCDF	57		21-178
13C12-1,2,3,7,8-PeCDD	51		25-181
13C12-1,2,3,4,7,8-HxCDF	65		26-152
13C12-1,2,3,6,7,8-HxCDF	68		26-123
13C12-2,3,4,6,7,8-HxCDF	66		28-136
13C12-1,2,3,7,8,9-HxCDF	69		29-147
13C12-1,2,3,4,7,8-HxCDD	50		32-141
13C12-1,2,3,6,7,8-HxCDD	55		28-130
13C12-1,2,3,4,6,7,8-HpCDF	63		28-143
13C12-1,2,3,4,7,8,9-HpCDF	63		26-138
13C12-1,2,3,4,6,7,8-HpCDD	64		23-140
13C12-OCDD	53		17-157
37CL4-2,3,7,8-TCDD	98		35-197

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814
Lab Number: L2232783
Report Date: 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 132,1613B
Analytical Date: 07/09/22 12:36
Analyst: PB

Extraction Method: EPA 1613B
Extraction Date: 06/23/22 09:30
Cleanup Method: EPA 1613B
Cleanup Date: 06/26/22

Parameter	Result	Qualifier	EMPC	Units	RL	MDL
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab for sample(s): 01 Batch: WG1654371-1						
2,3,7,8-TCDD	ND			pg/l	10.0	2.08
1,2,3,7,8-PeCDD	ND			pg/l	50.0	10.4
1,2,3,4,7,8-HxCDD	ND			pg/l	50.0	12.5
1,2,3,6,7,8-HxCDD	ND			pg/l	50.0	15.6
1,2,3,7,8,9-HxCDD	ND			pg/l	50.0	14.6
1,2,3,4,6,7,8-HpCDD	ND			pg/l	50.0	14.5
OCDD	ND			pg/l	100	25.4
2,3,7,8-TCDF	ND			pg/l	10.0	3.06
1,2,3,7,8-PeCDF	ND			pg/l	50.0	7.00
2,3,4,7,8-PeCDF	ND			pg/l	50.0	10.5
1,2,3,4,7,8-HxCDF	ND			pg/l	50.0	11.1
1,2,3,6,7,8-HxCDF	ND			pg/l	50.0	15.9
1,2,3,7,8,9-HxCDF	ND			pg/l	50.0	16.5
2,3,4,6,7,8-HxCDF	ND			pg/l	50.0	15.8
1,2,3,4,6,7,8-HpCDF	ND			pg/l	50.0	13.4
1,2,3,4,7,8,9-HpCDF	ND			pg/l	50.0	12.7
OCDF	ND			pg/l	100	32.4
Total TCDD	ND			pg/l	10.0	2.08
Total PeCDD	ND			pg/l	50.0	10.4
Total HxCDD	ND			pg/l	50.0	12.5
Total HpCDD	ND			pg/l	50.0	14.5
Total TCDF	ND			pg/l	10.0	3.06
Total PeCDF	ND			pg/l	50.0	7.00
Total HxCDF	ND			pg/l	50.0	11.1
Total HpCDF	ND			pg/l	50.0	13.4
Total PCDD	ND			pg/l	10.0	2.08
Total PCDF	ND			pg/l	10.0	3.06
Toxic Equivalency (TEQ)	ND			pg/l	0.030	0.030

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814
Lab Number: L2232783
Report Date: 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 132,1613B
Analytical Date: 07/09/22 12:36
Analyst: PB

Extraction Method: EPA 1613B
Extraction Date: 06/23/22 09:30
Cleanup Method: EPA 1613B
Cleanup Date: 06/26/22

Parameter	Result	Qualifier	EMPC	Units	RL	MDL
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab for sample(s): 01 Batch: WG1654371-1						

Surrogate/Cleanup Standard	%Recovery	Qualifier	Acceptance Criteria
13C12-2,3,7,8-TCDF	67		24-169
13C12-2,3,7,8-TCDD	63		25-164
13C12-1,2,3,7,8-PeCDF	72		24-185
13C12-2,3,4,7,8-PeCDF	73		21-178
13C12-1,2,3,7,8-PeCDD	79		25-181
13C12-1,2,3,4,7,8-HxCDF	76		26-152
13C12-1,2,3,6,7,8-HxCDF	76		26-123
13C12-2,3,4,6,7,8-HxCDF	75		28-136
13C12-1,2,3,7,8,9-HxCDF	79		29-147
13C12-1,2,3,4,7,8-HxCDD	72		32-141
13C12-1,2,3,6,7,8-HxCDD	78		28-130
13C12-1,2,3,4,6,7,8-HpCDF	67		28-143
13C12-1,2,3,4,7,8,9-HpCDF	75		26-138
13C12-1,2,3,4,6,7,8-HpCDD	80		23-140
13C12-OCDD	72		17-157
37CL4-2,3,7,8-TCDD	45		35-197

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814
Lab Number: L2232783
Report Date: 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 132,1613B
Analytical Date: 07/14/22 15:08
Analyst: PB

Extraction Method: EPA 1613B
Extraction Date: 07/11/22 20:56
Cleanup Method: EPA 1613B
Cleanup Date: 07/12/22

Parameter	Result	Qualifier	EMPC	Units	RL	MDL
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab for sample(s): 02 Batch: WG1661472-1						
2,3,7,8-TCDD	ND			pg/l	10.0	2.08
1,2,3,7,8-PeCDD	ND			pg/l	50.0	10.4
1,2,3,4,7,8-HxCDD	ND			pg/l	50.0	12.5
1,2,3,6,7,8-HxCDD	ND			pg/l	50.0	15.6
1,2,3,7,8,9-HxCDD	ND			pg/l	50.0	14.6
1,2,3,4,6,7,8-HpCDD	ND			pg/l	50.0	14.5
OCDD	ND			pg/l	100	25.4
2,3,7,8-TCDF	ND			pg/l	10.0	3.06
1,2,3,7,8-PeCDF	ND			pg/l	50.0	7.00
2,3,4,7,8-PeCDF	ND			pg/l	50.0	10.5
1,2,3,4,7,8-HxCDF	ND			pg/l	50.0	11.1
1,2,3,6,7,8-HxCDF	ND			pg/l	50.0	15.9
1,2,3,7,8,9-HxCDF	ND			pg/l	50.0	16.5
2,3,4,6,7,8-HxCDF	ND			pg/l	50.0	15.8
1,2,3,4,6,7,8-HpCDF	ND			pg/l	50.0	13.4
1,2,3,4,7,8,9-HpCDF	ND			pg/l	50.0	12.7
OCDF	ND			pg/l	100	32.4
Total TCDD	ND			pg/l	10.0	2.08
Total PeCDD	ND			pg/l	50.0	10.4
Total HxCDD	ND			pg/l	50.0	12.5
Total HpCDD	ND			pg/l	50.0	14.5
Total TCDF	ND			pg/l	10.0	3.06
Total PeCDF	ND			pg/l	50.0	7.00
Total HxCDF	ND			pg/l	50.0	11.1
Total HpCDF	ND			pg/l	50.0	13.4
Total PCDD	ND			pg/l	10.0	2.08
Total PCDF	ND			pg/l	10.0	3.06
Toxic Equivalency (TEQ)	ND			pg/l	0.030	0.030

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814
Lab Number: L2232783
Report Date: 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 132,1613B
Analytical Date: 07/14/22 15:08
Analyst: PB

Extraction Method: EPA 1613B
Extraction Date: 07/11/22 20:56
Cleanup Method: EPA 1613B
Cleanup Date: 07/12/22

Parameter	Result	Qualifier	EMPC	Units	RL	MDL
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab for sample(s): 02 Batch: WG1661472-1						

Surrogate/Cleanup Standard	%Recovery	Qualifier	Acceptance Criteria
13C12-2,3,7,8-TCDF	79		24-169
13C12-2,3,7,8-TCDD	66		25-164
13C12-1,2,3,7,8-PeCDF	70		24-185
13C12-2,3,4,7,8-PeCDF	75		21-178
13C12-1,2,3,7,8-PeCDD	70		25-181
13C12-1,2,3,4,7,8-HxCDF	89		26-152
13C12-1,2,3,6,7,8-HxCDF	93		26-123
13C12-2,3,4,6,7,8-HxCDF	93		28-136
13C12-1,2,3,7,8,9-HxCDF	91		29-147
13C12-1,2,3,4,7,8-HxCDD	68		32-141
13C12-1,2,3,6,7,8-HxCDD	82		28-130
13C12-1,2,3,4,6,7,8-HpCDF	83		28-143
13C12-1,2,3,4,7,8,9-HpCDF	83		26-138
13C12-1,2,3,4,6,7,8-HpCDD	78		23-140
13C12-OCDD	65		17-157
37CL4-2,3,7,8-TCDD	103		35-197

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab Associated sample(s): 01 Batch: WG1654371-2								
2,3,7,8-TCDD	107		-		67-158	-		25
1,2,3,7,8-PeCDD	100		-		70-142	-		25
1,2,3,4,7,8-HxCDD	110		-		70-164	-		25
1,2,3,6,7,8-HxCDD	98		-		76-134	-		25
1,2,3,7,8,9-HxCDD	106		-		64-162	-		25
1,2,3,4,6,7,8-HpCDD	98		-		70-140	-		25
OCDD	114		-		78-144	-		25
2,3,7,8-TCDF	102		-		75-158	-		25
1,2,3,7,8-PeCDF	106		-		80-134	-		25
2,3,4,7,8-PeCDF	96		-		68-160	-		25
1,2,3,4,7,8-HxCDF	102		-		72-134	-		25
1,2,3,6,7,8-HxCDF	100		-		84-130	-		25
1,2,3,7,8,9-HxCDF	114		-		78-130	-		25
2,3,4,6,7,8-HxCDF	99		-		70-156	-		25
1,2,3,4,6,7,8-HpCDF	109		-		82-122	-		25
1,2,3,4,7,8,9-HpCDF	109		-		78-138	-		25
OCDF	112		-		63-170	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab Associated sample(s): 01 Batch: WG1654371-2								

Surrogate/Cleanup Standard	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
13C12-2,3,7,8-TCDF	72				24-169
13C12-2,3,7,8-TCDD	66				25-164
13C12-1,2,3,7,8-PeCDF	77				24-185
13C12-2,3,4,7,8-PeCDF	77				21-178
13C12-1,2,3,7,8-PeCDD	82				25-181
13C12-1,2,3,4,7,8-HxCDF	73				26-152
13C12-1,2,3,6,7,8-HxCDF	72				26-123
13C12-2,3,4,6,7,8-HxCDF	72				28-136
13C12-1,2,3,7,8,9-HxCDF	72				29-147
13C12-1,2,3,4,7,8-HxCDD	69				32-141
13C12-1,2,3,6,7,8-HxCDD	76				28-130
13C12-1,2,3,4,6,7,8-HpCDF	66				28-143
13C12-1,2,3,4,7,8,9-HpCDF	69				26-138
13C12-1,2,3,4,6,7,8-HpCDD	77				23-140
13C12-OCDD	69				17-157
37CL4-2,3,7,8-TCDD	46				35-197

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab Associated sample(s): 02 Batch: WG1661472-2 WG1661472-3								
2,3,7,8-TCDD	117		126		67-158	7		25
1,2,3,7,8-PeCDD	112		110		70-142	2		25
1,2,3,4,7,8-HxCDD	125		128		70-164	2		25
1,2,3,6,7,8-HxCDD	113		108		76-134	5		25
1,2,3,7,8,9-HxCDD	119		113		64-162	5		25
1,2,3,4,6,7,8-HpCDD	111		108		70-140	3		25
OCDD	121		119		78-144	2		25
2,3,7,8-TCDF	126		116		75-158	8		25
1,2,3,7,8-PeCDF	116		114		80-134	2		25
2,3,4,7,8-PeCDF	104		104		68-160	0		25
1,2,3,4,7,8-HxCDF	109		103		72-134	6		25
1,2,3,6,7,8-HxCDF	104		108		84-130	4		25
1,2,3,7,8,9-HxCDF	110		111		78-130	1		25
2,3,4,6,7,8-HxCDF	103		106		70-156	3		25
1,2,3,4,6,7,8-HpCDF	113		112		82-122	1		25
1,2,3,4,7,8,9-HpCDF	110		109		78-138	1		25
OCDF	135		132		63-170	2		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dioxins & Furans by Isotope Dilution HRMS - Mansfield Lab Associated sample(s): 02 Batch: WG1661472-2 WG1661472-3								

Surrogate/Cleanup Standard	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
13C12-2,3,7,8-TCDF	81		78		24-169
13C12-2,3,7,8-TCDD	68		62		25-164
13C12-1,2,3,7,8-PeCDF	73		72		24-185
13C12-2,3,4,7,8-PeCDF	75		73		21-178
13C12-1,2,3,7,8-PeCDD	68		67		25-181
13C12-1,2,3,4,7,8-HxCDF	89		92		26-152
13C12-1,2,3,6,7,8-HxCDF	93		89		26-123
13C12-2,3,4,6,7,8-HxCDF	92		89		28-136
13C12-1,2,3,7,8,9-HxCDF	95		94		29-147
13C12-1,2,3,4,7,8-HxCDD	67		69		32-141
13C12-1,2,3,6,7,8-HxCDD	79		82		28-130
13C12-1,2,3,4,6,7,8-HpCDF	85		86		28-143
13C12-1,2,3,4,7,8,9-HpCDF	90		93		26-138
13C12-1,2,3,4,6,7,8-HpCDD	82		87		23-140
13C12-OCDD	71		75		17-157
37CL4-2,3,7,8-TCDD	103		102		35-197

PCBS

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814
Lab Number: L2232783
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-01
Client ID: INFLOW-3
Sample Location: WHITE PLAINS- NY

Date Collected: 06/21/22 09:30
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 127,608.3
Analytical Date: 07/03/22 15:18
Analyst: JM

Extraction Method: EPA 608.3
Extraction Date: 07/02/22 01:25
Cleanup Method: EPA 3665A
Cleanup Date: 07/02/22
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.250	0.016	1	B
Aroclor 1221	ND		ug/l	0.250	0.022	1	B
Aroclor 1232	ND		ug/l	0.250	0.046	1	B
Aroclor 1242	ND		ug/l	0.250	0.036	1	B
Aroclor 1248	ND		ug/l	0.250	0.046	1	B
Aroclor 1254	ND		ug/l	0.250	0.017	1	B
Aroclor 1260	ND		ug/l	0.200	0.034	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		37-123	B
Decachlorobiphenyl	87		38-114	B
2,4,5,6-Tetrachloro-m-xylene	70		37-123	A
Decachlorobiphenyl	82		38-114	A

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814
Lab Number: L2232783
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-02
Client ID: OUTFLOW-3
Sample Location: WHITE PLAINS- NY

Date Collected: 06/21/22 10:00
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 127,608.3
Analytical Date: 07/03/22 15:26
Analyst: JM

Extraction Method: EPA 608.3
Extraction Date: 07/02/22 01:25
Cleanup Method: EPA 3665A
Cleanup Date: 07/02/22
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.250	0.016	1	B
Aroclor 1221	ND		ug/l	0.250	0.022	1	B
Aroclor 1232	ND		ug/l	0.250	0.046	1	B
Aroclor 1242	ND		ug/l	0.250	0.036	1	B
Aroclor 1248	ND		ug/l	0.250	0.046	1	B
Aroclor 1254	ND		ug/l	0.250	0.017	1	B
Aroclor 1260	ND		ug/l	0.200	0.034	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		37-123	B
Decachlorobiphenyl	87		38-114	B
2,4,5,6-Tetrachloro-m-xylene	66		37-123	A
Decachlorobiphenyl	79		38-114	A

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814
Lab Number: L2232783
Report Date: 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 127,608.3
Analytical Date: 07/03/22 14:22
Analyst: JM

Extraction Method: EPA 608.3
Extraction Date: 07/02/22 01:25
Cleanup Method: EPA 3665A
Cleanup Date: 07/02/22
Cleanup Method: EPA 3660B
Cleanup Date: 07/02/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1658222-1						
Aroclor 1016	ND		ug/l	0.250	0.016	A
Aroclor 1221	ND		ug/l	0.250	0.022	A
Aroclor 1232	ND		ug/l	0.250	0.046	A
Aroclor 1242	ND		ug/l	0.250	0.036	A
Aroclor 1248	ND		ug/l	0.250	0.046	A
Aroclor 1254	ND		ug/l	0.250	0.017	A
Aroclor 1260	0.038	J	ug/l	0.200	0.034	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		37-123	B
Decachlorobiphenyl	81		38-114	B
2,4,5,6-Tetrachloro-m-xylene	68		37-123	A
Decachlorobiphenyl	74		38-114	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

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 Batch: WG1658222-2									
Aroclor 1016	73		-		50-140	-		36	A
Aroclor 1260	75		-		8-140	-		38	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71				37-123	B
Decachlorobiphenyl	81				38-114	B
2,4,5,6-Tetrachloro-m-xylene	67				37-123	A
Decachlorobiphenyl	74				38-114	A

PESTICIDES

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814
Lab Number: L2232783
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-01
Client ID: INFLOW-3
Sample Location: WHITE PLAINS- NY

Date Collected: 06/21/22 09:30
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 127,608.3
Analytical Date: 06/27/22 17:10
Analyst: AKM

Extraction Method: EPA 608.3
Extraction Date: 06/25/22 12:23
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.003	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.009	1	A
Heptachlor	ND		ug/l	0.020	0.005	1	A
Aldrin	ND		ug/l	0.020	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.007	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.017	1	A
Endrin ketone[1]	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.003	1	A
4,4'-DDE	ND		ug/l	0.040	0.003	1	A
4,4'-DDD	ND		ug/l	0.040	0.008	1	A
4,4'-DDT	ND		ug/l	0.040	0.008	1	A
Endosulfan I	ND		ug/l	0.020	0.008	1	A
Endosulfan II	ND		ug/l	0.040	0.003	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.017	1	A
Methoxychlor[1]	ND		ug/l	0.100	0.008	1	A
Toxaphene	ND		ug/l	0.400	0.126	1	A
Chlordane	ND		ug/l	0.200	0.042	1	A
cis-Chlordane[1]	ND		ug/l	0.020	0.005	1	A
trans-Chlordane[1]	ND		ug/l	0.020	0.008	1	A

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-01 Date Collected: 06/21/22 09:30

Client ID: INFLOW-3 Date Received: 06/21/22

Sample Location: WHITE PLAINS- 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		47-124	A
Decachlorobiphenyl	58		32-167	A
2,4,5,6-Tetrachloro-m-xylene	49		47-124	B
Decachlorobiphenyl	57		32-167	B

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814
Lab Number: L2232783
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-02
Client ID: OUTFLOW-3
Sample Location: WHITE PLAINS- NY

Date Collected: 06/21/22 10:00
Date Received: 06/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 127,608.3
Analytical Date: 06/27/22 17:21
Analyst: AKM

Extraction Method: EPA 608.3
Extraction Date: 06/25/22 12:23
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.003	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.009	1	A
Heptachlor	ND		ug/l	0.020	0.005	1	A
Aldrin	ND		ug/l	0.020	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.007	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.017	1	A
Endrin ketone[1]	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.003	1	A
4,4'-DDE	ND		ug/l	0.040	0.003	1	A
4,4'-DDD	ND		ug/l	0.040	0.008	1	A
4,4'-DDT	ND		ug/l	0.040	0.008	1	A
Endosulfan I	ND		ug/l	0.020	0.008	1	A
Endosulfan II	ND		ug/l	0.040	0.003	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.017	1	A
Methoxychlor[1]	ND		ug/l	0.100	0.008	1	A
Toxaphene	ND		ug/l	0.400	0.126	1	A
Chlordane	ND		ug/l	0.200	0.042	1	A
cis-Chlordane[1]	ND		ug/l	0.020	0.005	1	A
trans-Chlordane[1]	ND		ug/l	0.020	0.008	1	A

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-02 Date Collected: 06/21/22 10:00

Client ID: OUTFLOW-3 Date Received: 06/21/22

Sample Location: WHITE PLAINS- 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	52		47-124	A
Decachlorobiphenyl	60		32-167	A
2,4,5,6-Tetrachloro-m-xylene	49		47-124	B
Decachlorobiphenyl	66		32-167	B

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 127,608.3
Analytical Date: 06/27/22 18:05
Analyst: MMG

Extraction Method: EPA 608.3
Extraction Date: 06/25/22 12:23
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1655350-1						
Delta-BHC	ND		ug/l	0.020	0.005	A
Lindane	ND		ug/l	0.020	0.003	A
Alpha-BHC	ND		ug/l	0.020	0.004	A
Beta-BHC	ND		ug/l	0.020	0.009	A
Heptachlor	ND		ug/l	0.020	0.005	A
Aldrin	ND		ug/l	0.020	0.005	A
Heptachlor epoxide	ND		ug/l	0.020	0.007	A
Endrin	ND		ug/l	0.040	0.004	A
Endrin aldehyde	ND		ug/l	0.040	0.017	A
Endrin ketone[1]	ND		ug/l	0.040	0.005	A
Dieldrin	ND		ug/l	0.040	0.003	A
4,4'-DDE	ND		ug/l	0.040	0.003	A
4,4'-DDD	ND		ug/l	0.040	0.008	A
4,4'-DDT	ND		ug/l	0.040	0.008	A
Endosulfan I	ND		ug/l	0.020	0.008	A
Endosulfan II	ND		ug/l	0.040	0.003	A
Endosulfan sulfate	ND		ug/l	0.040	0.017	A
Methoxychlor[1]	ND		ug/l	0.100	0.008	A
Toxaphene	ND		ug/l	0.400	0.126	A
Chlordane	ND		ug/l	0.200	0.042	A
cis-Chlordane[1]	ND		ug/l	0.020	0.005	A
trans-Chlordane[1]	ND		ug/l	0.020	0.008	A

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814
Lab Number: L2232783
Report Date: 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 127,608.3
Analytical Date: 06/27/22 18:05
Analyst: MMG

Extraction Method: EPA 608.3
Extraction Date: 06/25/22 12:23
Cleanup Method: EPA 3620B
Cleanup Date: 06/26/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1655350-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		47-124	A
Decachlorobiphenyl	76		32-167	A
2,4,5,6-Tetrachloro-m-xylene	56		47-124	B
Decachlorobiphenyl	88		32-167	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

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 Batch: WG1655350-2									
Delta-BHC	53		-		19-140	-		52	A
Lindane	56		-		32-140	-		39	A
Alpha-BHC	57		-		37-140	-		36	A
Beta-BHC	54		-		17-147	-		44	A
Heptachlor	52		-		34-140	-		43	A
Aldrin	47		-		42-140	-		35	A
Heptachlor epoxide	51		-		37-142	-		26	A
Endrin	57		-		30-147	-		48	A
Endrin aldehyde	40		-		30-150	-		30	A
Endrin ketone[1]	52		-		30-150	-		30	A
Dieldrin	58		-		36-146	-		49	A
4,4'-DDE	51		-		30-145	-		35	A
4,4'-DDD	56		-		31-141	-		39	A
4,4'-DDT	56		-		25-160	-		42	A
Endosulfan I	53		-		45-153	-		28	A
Endosulfan II	52		-		1-202	-		53	A
Endosulfan sulfate	41		-		26-144	-		38	A
Methoxychlor[1]	55		-		30-150	-		30	A
cis-Chlordane[1]	46		-		45-140	-		35	A
trans-Chlordane[1]	54		-		45-140	-		35	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1655350-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**42**	Q			47-124	A
Decachlorobiphenyl	52				32-167	A
2,4,5,6-Tetrachloro-m-xylene	**40**	Q			47-124	B
Decachlorobiphenyl	61				32-167	B

METALS

Project Name: 85 N LEXINGTON AVE.
Lab Number: L2232783
Project Number: 11814
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-01
Client ID: INFLOW-3
Sample Location: WHITE PLAINS- NY
Date Collected: 06/21/22 09:30
Date Received: 06/21/22
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											
Arsenic, Total	ND		mg/l	0.005	0.002	1	06/29/22 19:09	07/13/22 10:55	EPA 3005A	1,6010D	SB
Barium, Total	0.417		mg/l	0.010	0.002	1	06/29/22 19:09	07/13/22 10:55	EPA 3005A	1,6010D	SB
Cadmium, Total	ND		mg/l	0.005	0.001	1	06/29/22 19:09	07/13/22 10:55	EPA 3005A	1,6010D	SB
Chromium, Total	ND		mg/l	0.010	0.002	1	06/29/22 19:09	07/13/22 15:17	EPA 3005A	1,6010D	MC
Lead, Total	ND		mg/l	0.010	0.003	1	06/29/22 19:09	07/13/22 10:55	EPA 3005A	1,6010D	SB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/06/22 20:47	07/07/22 09:35	EPA 7470A	1,7470A	AW
Selenium, Total	ND		mg/l	0.010	0.004	1	06/29/22 19:09	07/13/22 10:55	EPA 3005A	1,6010D	SB
Silver, Total	ND		mg/l	0.007	0.003	1	06/29/22 19:09	07/13/22 10:55	EPA 3005A	1,6010D	SB

Project Name: 85 N LEXINGTON AVE.
Lab Number: L2232783
Project Number: 11814
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-02
Client ID: OUTFLOW-3
Sample Location: WHITE PLAINS- NY
Date Collected: 06/21/22 10:00
Date Received: 06/21/22
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											
Arsenic, Total	ND		mg/l	0.005	0.002	1	06/29/22 19:09	07/13/22 11:00	EPA 3005A	1,6010D	SB
Barium, Total	0.461		mg/l	0.010	0.002	1	06/29/22 19:09	07/13/22 11:00	EPA 3005A	1,6010D	SB
Cadmium, Total	ND		mg/l	0.005	0.001	1	06/29/22 19:09	07/13/22 11:00	EPA 3005A	1,6010D	SB
Chromium, Total	0.003	J	mg/l	0.010	0.002	1	06/29/22 19:09	07/13/22 15:23	EPA 3005A	1,6010D	MC
Lead, Total	ND		mg/l	0.010	0.003	1	06/29/22 19:09	07/13/22 11:00	EPA 3005A	1,6010D	SB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/06/22 20:47	07/07/22 09:38	EPA 7470A	1,7470A	AW
Selenium, Total	ND		mg/l	0.010	0.004	1	06/29/22 19:09	07/13/22 11:00	EPA 3005A	1,6010D	SB
Silver, Total	ND		mg/l	0.007	0.003	1	06/29/22 19:09	07/13/22 11:00	EPA 3005A	1,6010D	SB

Project Name: 85 N LEXINGTON AVE. **Lab Number:** L2232783

Project Number: 11814 **Report Date:** 07/15/22

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 Batch: WG1657089-1										
Arsenic, Total	ND		mg/l	0.005	0.002	1	06/29/22 19:09	07/13/22 09:21	1,6010D	SB
Barium, Total	ND		mg/l	0.010	0.002	1	06/29/22 19:09	07/13/22 09:21	1,6010D	SB
Cadmium, Total	ND		mg/l	0.005	0.001	1	06/29/22 19:09	07/13/22 09:21	1,6010D	SB
Chromium, Total	ND		mg/l	0.010	0.002	1	06/29/22 19:09	07/13/22 09:21	1,6010D	SB
Lead, Total	ND		mg/l	0.010	0.003	1	06/29/22 19:09	07/13/22 09:21	1,6010D	SB
Selenium, Total	ND		mg/l	0.010	0.004	1	06/29/22 19:09	07/13/22 09:21	1,6010D	SB
Silver, Total	ND		mg/l	0.007	0.003	1	06/29/22 19:09	07/13/22 09:21	1,6010D	SB

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): 01-02 Batch: WG1659512-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/06/22 20:47	07/07/22 08:58	1,7470A	AW

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1657089-2								
Arsenic, Total	106		-		80-120	-		
Barium, Total	96		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Chromium, Total	91		-		80-120	-		
Lead, Total	95		-		80-120	-		
Selenium, Total	106		-		80-120	-		
Silver, Total	94		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1659512-2								
Mercury, Total	99		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814

Lab Number: L2232783
Report Date: 07/15/22

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 QC Batch ID: WG1657089-3 WG1657089-4 QC Sample: L2231920-02 Client ID: MS Sample												
Arsenic, Total	ND	0.12	0.132	110		0.129	108		75-125	2		20
Barium, Total	0.019	2	1.92	95		1.89	94		75-125	2		20
Cadmium, Total	ND	0.053	0.052	98		0.051	97		75-125	2		20
Chromium, Total	ND	0.2	0.181	90		0.179	90		75-125	1		20
Lead, Total	ND	0.53	0.504	95		0.494	93		75-125	2		20
Selenium, Total	ND	0.12	0.129	108		0.125	104		75-125	3		20
Silver, Total	ND	0.05	0.048	95		0.047	94		75-125	1		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1659512-3 WG1659512-4 QC Sample: L2231920-02 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00460	92		0.00458	92		75-125	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814
Lab Number: L2232783
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-01
Client ID: INFLOW-3
Sample Location: WHITE PLAINS- NY
Sample Depth:
Matrix: Water

Date Collected: 06/21/22 09:30
Date Received: 06/21/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
pH (H)	7.9		SU	-	NA	1	-	06/23/22 11:30	1,9040C	KS
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	07/05/22 12:15	07/05/22 14:45	140,1664B	DE
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/22/22 07:00	06/22/22 07:18	1,7196A	CL

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814
Lab Number: L2232783
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2232783-02
Client ID: OUTFLOW-3
Sample Location: WHITE PLAINS- NY
Sample Depth:
Matrix: Water

Date Collected: 06/21/22 10:00
Date Received: 06/21/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
pH (H)	7.9		SU	-	NA	1	-	06/23/22 11:30	1,9040C	KS
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	07/05/22 12:15	07/05/22 14:45	140,1664B	DE
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/22/22 07:00	06/22/22 07:19	1,7196A	CL

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814
Lab Number: L2232783
Report Date: 07/15/22

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): 01-02 Batch: WG1653760-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	06/22/22 07:00	06/22/22 07:17	1,7196A	CL
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1658779-1										
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	07/05/22 12:15	07/05/22 14:45	140,1664B	DE

Lab Control Sample Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1653760-2								
Chromium, Hexavalent	102		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1654300-1								
pH	100		-		99-101	-		5
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1658779-2								
Oil & Grease, Hem-Grav	87		-		78-114	-		18

Matrix Spike Analysis
Batch Quality Control

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814

Lab Number: L2232783
Report Date: 07/15/22

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): 01-02 QC Batch ID: WG1653760-4 QC Sample: L2232783-02 Client ID: OUTFLOW-3												
Chromium, Hexavalent	ND	0.1	0.107	107		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1658779-4 QC Sample: L2234267-08 Client ID: MS Sample												
Oil & Grease, Hem-Grav	ND	37.7	20	**54**	Q	-	-		78-114	-		18

Lab Duplicate Analysis

Batch Quality Control

Project Name: 85 N LEXINGTON AVE.

Project Number: 11814

Lab Number: L2232783

Report Date: 07/15/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1653760-3 QC Sample: L2232783-01 Client ID: INFLOW-3						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1654300-2 QC Sample: L2232783-01 Client ID: INFLOW-3						
pH (H)	7.9	7.9	SU	0		5
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1658779-3 QC Sample: L2234267-06 Client ID: DUP Sample						
Oil & Grease, Hem-Grav	ND	ND	mg/l	NC		18

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814

Lab Number: L2232783
Report Date: 07/15/22

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(*)
L2232783-01A	Vial Na2S2O3 preserved	A	NA		2.6	Y	Absent		624.1(3)
L2232783-01B	Vial Na2S2O3 preserved	A	NA		2.6	Y	Absent		624.1(3)
L2232783-01C	Vial Na2S2O3 preserved	A	NA		2.6	Y	Absent		624.1(3)
L2232783-01D	Plastic 250ml unpreserved	A	NA		2.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2232783-01E	Plastic 250ml unpreserved	A	NA		2.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2232783-01F	Plastic 250ml unpreserved	A	7	7	2.6	Y	Absent		HEXCR-7196(1),PH-9040(1)
L2232783-01G	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2232783-01H	Amber 500ml unpreserved	A	7	7	2.6	Y	Absent		A2-DIOXIN-1613(365)
L2232783-01I	Amber 500ml unpreserved	A	7	7	2.6	Y	Absent		A2-DIOXIN-1613(365)
L2232783-01J	Amber 1000ml HCl preserved	A	NA		2.6	Y	Absent		OG-1664(28)
L2232783-01K	Amber 1000ml HCl preserved	A	NA		2.6	Y	Absent		OG-1664(28)
L2232783-01L	Amber 1000ml Na2S2O3	A	7	7	2.6	Y	Absent		625.1(7)
L2232783-01M	Amber 1000ml Na2S2O3	A	7	7	2.6	Y	Absent		625.1(7)
L2232783-01N	Amber 1000ml Na2S2O3	A	7	7	2.6	Y	Absent		PESTICIDE-608.3(7)
L2232783-01O	Amber 1000ml Na2S2O3	A	7	7	2.6	Y	Absent		PESTICIDE-608.3(7)
L2232783-01P	Amber 1000ml Na2S2O3	A	7	7	2.6	Y	Absent		PCB-608.3(365)
L2232783-01Q	Amber 1000ml Na2S2O3	A	7	7	2.6	Y	Absent		PCB-608.3(365)
L2232783-02A	Vial Na2S2O3 preserved	B	NA		3.6	Y	Absent		624.1(3)
L2232783-02B	Vial Na2S2O3 preserved	B	NA		3.6	Y	Absent		624.1(3)
L2232783-02C	Vial Na2S2O3 preserved	B	NA		3.6	Y	Absent		624.1(3)
L2232783-02D	Plastic 250ml unpreserved	B	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814

Lab Number: L2232783
Report Date: 07/15/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2232783-02E	Plastic 250ml unpreserved	B	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2232783-02F	Plastic 250ml unpreserved	B	7	7	3.6	Y	Absent		HEXCR-7196(1),PH-9040(1)
L2232783-02G	Plastic 250ml HNO3 preserved	B	<2	<2	3.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2232783-02H	Amber 500ml unpreserved	B	7	7	3.6	Y	Absent		A2-DIOXIN-1613(365)
L2232783-02I	Amber 500ml unpreserved	B	7	7	3.6	Y	Absent		A2-DIOXIN-1613(365)
L2232783-02J	Amber 1000ml HCl preserved	B	NA		3.6	Y	Absent		OG-1664(28)
L2232783-02K	Amber 1000ml HCl preserved	B	NA		3.6	Y	Absent		OG-1664(28)
L2232783-02L	Amber 1000ml Na2S2O3	B	7	7	3.6	Y	Absent		625.1(7)
L2232783-02M	Amber 1000ml Na2S2O3	B	7	7	3.6	Y	Absent		625.1(7)
L2232783-02N	Amber 1000ml Na2S2O3	B	7	7	3.6	Y	Absent		PESTICIDE-608.3(7)
L2232783-02O	Amber 1000ml Na2S2O3	B	7	7	3.6	Y	Absent		PESTICIDE-608.3(7)
L2232783-02P	Amber 1000ml Na2S2O3	B	7	7	3.6	Y	Absent		PCB-608.3(365)
L2232783-02Q	Amber 1000ml Na2S2O3	B	7	7	3.6	Y	Absent		PCB-608.3(365)
L2232783-03A	Plastic 250ml unpreserved	B	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Project Name: 85 N LEXINGTON AVE.
Project Number: 11814

Lab Number: L2232783
Report Date: 07/15/22

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
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name:	85 N LEXINGTON AVE.	**Lab Number:**	L2232783
Project Number:	11814	**Report Date:**	07/15/22

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.

LCSD - 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.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

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.

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Footnotes

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.

Chlordane: 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.)

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'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

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. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

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.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

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

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Data Qualifiers

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 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.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	85 N LEXINGTON AVE.	**Lab Number:**	L2232783
Project Number:	11814	**Report Date:**	07/15/22

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

127 Method 608.3: Organochlorine Pesticides and PCBs by GC/HSD, EPA 821-R-16-009, December 2016.

128 Method 624.1: Purgeables by GC/MS, EPA 821-R-16-008, December 2016.

129 Method 625.1: Base/Neutrals and Acids by GC/MS, EPA 821-R-16-007, December 2016.

132 Method 1613 Revision B: Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution HRGC/HRMS. USEPA Office of Water, October 1994.

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.

140 Method 1664,Revision B: N-Hexane Extractable Material (HEM; Oil & Grease) and Silica Gel Treated N-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry, EPA-821-R-10-001, February 2010.

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.

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, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; 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.
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, SM4500Cl-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, SM9222D.**

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, EPA 537.1.

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

ALPHA ANALYTICAL

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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 1 of 1

Date Rec'd in Lab: 6/21/22

ALPHA Job #: L2232783

Client Information
Client: SESI Consulting Engineers
Address: 12A Maple Ave.
Pine Brook NJ
Phone: (973) 808 9050
Fax:
Email: monica.norton@sesi.org

Project Information
Project Name: 85 N Lexington Ave.
Project Location: White Plains - NY
Project # 11814
(Use Project name as Project #) ☐
Project Manager: Monica Norton
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☑ Other NY EQuIS EDD

Regulatory Requirement
☑ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

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:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC-File & Figure 1 of EPA 624.1	Acid/base/neutral EPA 625.1	Dioxins/Furans HRMS EPA 1613B	Pesticides EPA 608.3	Hexavalent chromium EPA 7196 (ug/L)	NH3-Hydrogen Ion conc. EPA 9040	PCBs EPA 608.3	NY PFAS Lcms/ms Iso-dilution	Total Bottle
32783-01	Inflow-3	06/22/22	0930	Water	CC	X	X	X	X	X	X	X	X	17
02	Outflow-3	↓	1000	↓	↓	X	X	X	X	X	X	X	X	17
03	FB20220622	↓	0915	↓	↓								X	8
	~~TRIP BLANK~~													

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments
Set at 6,2,2,2,R,2,1

Container Type	V	A	A	A	A	P	P	A	P
Preservative	H	H	\	H	B	\	\	1	\

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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

Relinquished By:	Date/Time	Received By:	Date/Time
Cooper Chichester	06/22/22	MSMA (mail)	6/21/22 12:15
MSMA (mail)	6/21/22 17:18	FedEx AAL	6/21 1930
FedEx AAL	6/21	ONTRAC	6/21 2115
ONTRAC	6/21 2350		6/22/22 2350

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)